## Making the Grade on

 Women's Health


CIGNA

Women and Smoking: A National and State-by-State Report Card was developed by the National Women's Law Center and Oregon Health \& Science University, with the assistance of MB Consulting and Decision Demographics.

The National Women's Law Center is a Washington, DC-based non-profit organization working to expand opportunities and eliminate barriers for women and their families, with a major emphasis on women's health, education and employment opportunities, and family economic security.

The mission of the Oregon Health \& Science University (OHSU) is healing, teaching, discovery, and community service. The Center for Women's Health encompasses this mission with programs designed in clinical care, research, and education. The mission of the Department of Medical Informatics and Clinical Epidemiology is to provide an academic environment for teaching, research, and service in the areas of medical informatics and outcomes research.

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# By <br> National Women's Law Center 

and

Oregon Health \& Science University

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Smoking is a critical women's health issue. The leading cause of preventable death in the United States, smoking kills over 178,000 women each year. In addition, smoking results in women losing more than 2 million years of life due to premature death every year. Smoking is the primary cause of lung cancer, the leading cancer killer of women, and is also a primary risk factor for cardiovascular disease, the leading overall killer of women.

Despite these deadly health consequences, smoking rates among women and girls are far too high, and many women and girls who do not smoke are exposed to second-hand smoke at work and at home. Adding insult to injury, the tobacco companies continue to target women and girls through advertising and promotions. Moreover, many women who want to quit smoking are hampered by a lack of access to smoking cessation treatment.

## Women and Smoking: A National and State-byState Report Card—A Wake-Up Call

Women and Smoking: A National and State-by-State Report Card demonstrates that much stronger action is needed at the federal and state levels to reduce tobacco use among women and girls across the United States. Specifically, the Women and Smoking Report Card provides and evaluates data, by state and for the nation as a whole, on selected health status and health policy indicators related to
smoking, major smoking-related diseases, and access to cessation services among women and girls. The Report Card assesses the nation's progress or lack thereof, state by state, in reaching key benchmarks related to the status of women's health as it pertains to smoking. These benchmarks are drawn primarily from the ten-year national health objectives set by the U.S. Department of Health and Human Services' Healthy People 2010 prevention agenda, which identifies the most significant preventable threats to health and establishes national goals to reduce these threats. The Report Card also evaluates state policies and programs needed to meet those goals. Through its national and state-by-state evaluation of both smoking-related health status data and health policies, the Women and Smoking Report Card builds upon Making the Grade on Women's Health: A National and State-by-State Report Card, which addresses smoking as part of a comprehensive assessment of women's overall health.

## Structure of the Report Card

Following this executive summary in Chapter I, Chapter II presents background information on women and smoking to set the context for the status and policy indicators in the national and state report cards. Chapter III contains the national and state report cards as well as the federal policy agenda. Chapter IV includes descriptions of the indicators evaluated, their data sources and methodology, and the data sources for the demographic information provided in each report card.

## Overall State Rankings and Grades

Alphabetical Order

| State | Rank* | Grade* | State | Rank* | Grade* |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 36 | F | Utah | 1 | S- |
| Alaska | 37 | F | Hawaii | 2 | S- |
| Arizona | 11 | U | Massachusetts | 3 | U |
| Arkansas | 48 | F | Minnesota | 4 | U |
| California | 7 | U | Connecticut | 5 | U |
| Colorado | 8 | U | District of Columbia | 6 | U |
| Connecticut | 5 | U | California | 7 | U |
| Delaware | 31 | F | Colorado | 8 | U |
| District of Columbia | 6 | U | Maryland | 9 | U |
| Florida | 19 | F | New Jersey | 10 | U |
| Georgia | 28 | F | Arizona | 11 | U |
| Hawaii | 2 | S- | Idaho | 12 | U |
| Idaho | 12 | U | New York | 13 | F |
| Illinois | 25 | F | Vermont | 14 | F |
| Indiana | 46 | F | Nebraska | 15 | F |
| lowa | 30 | F | Rhode Island | 16 | F |
| Kansas | 17 | F | Kansas | 17 | F |
| Kentucky | 50 | F | New Mexico | 18 | F |
| Louisiana | 38 | F | Florida | 19 | F |
| Maine | 33 | F | Oregon | 20 | F |
| Maryland | 9 | U | Virginia | 20 | F |
| Massachusetts | 3 | U | Wisconsin | 22 | F |
| Michigan | 34 | F | South Dakota | 23 | F |
| Minnesota | 4 | U | North Dakota | 24 | F |
| Mississippi | 41 | F | Illinois | 25 | F |
| Missouri | 43 | F | Washington | 26 | F |
| Montana | 35 | F | Texas | 27 | F |
| Nebraska | 15 | F | Georgia | 28 | F |
| Nevada | 50 | F | New Hampshire | 29 | F |
| New Hampshire | 29 | F | lowa | 30 | F |
| New Jersey | 10 | U | Delaware | 31 | F |
| New Mexico | 18 | F | Pennsylvania | 32 | F |
| New York | 13 | F | Maine | 33 | F |
| North Carolina | 40 | F | Michigan | 34 | F |
| North Dakota | 24 | F | Montana | 35 | F |
| Ohio | 44 | F | Alabama | 36 | F |
| Oklahoma | 45 | F | Alaska | 37 | F |
| Oregon | 20 | F | Louisiana | 38 | F |
| Pennsylvania | 32 | F | South Carolina | 39 | F |
| Rhode Island | 16 | F | North Carolina | 40 | F |
| South Carolina | 39 | F | Mississippi | 41 | F |
| South Dakota | 23 | F | Wyoming | 42 | F |
| Tennessee | 47 | F | Missouri | 43 | F |
| Texas | 27 | F | Ohio | 44 | F |
| Utah | 1 | S- | Oklahoma | 45 | F |
| Vermont | 14 | F | Indiana | 46 | F |
| Virginia | 20 | F | Tennessee | 47 | F |
| Washington | 26 | F | Arkansas | 48 | F |
| West Virginia | 49 | F | West Virginia | 49 | F |
| Wisconsin | 22 | F | Kentucky | 50 | F |
| Wyoming | 42 | F | Nevada | 50 | F |

* Two indicators-Current Smoking, Grades 9-12 and Trying to Quit, Grades 9-12—are not factored into the grades and ranks because consistent data are not available for all states.

For the status indicators, the Report Card provides several types of information. Each state receives a grade and rank for the individual status indicators as well as an overall grade and rank. The grades indicate how close the state is to meeting the relevant benchmarks, while the ranks illustrate how the state fares relative to other states. The grades take into account that the states and the nation still have several years to achieve the 2010 benchmarks. Similar data is provided for the nation. (A chart listing the overall state ranks and grades is on page 2.)

## Smoking rates among women are far too high, with most states and the nation missing the national goal by a substantial margin.

- In the United States, 20.7 percent of adult women smoke, which is far short of the national goal to reduce smoking among adults to 12 percent. The nation receives a grade of "Fail" on this indicator.
- Only one state, top-ranked Utah (11.6 percent), meets the goal to reduce smoking among women to 12 percent and receives a grade of "Satisfactory." Two other states, California (14.6 percent) and Hawaii (16.6 percent), receive a grade of "Satisfactory Minus" because they come close to meeting this goal. In Nevada, the state ranked last, 28.5 percent of women smoke, and 35 other states join Nevada in receiving a failing grade.
- The vast majority of states receive an overall grade of "Fail."
- Of the 11 graded status indicators' benchmarks, none were met by all of the states or the District of Columbia.
- No state receives a "Meets Policy" on all ten policy indicators.
- Maine leads the states in terms of strong policies, receiving a "Meets Policy" on seven of the ten policy indicators. California, Massachusetts, Minnesota, indicators. California, Massachusetts, Minnesota,
New York, and Rhode Island are not far behind, with each receiving a "Meets Policy" on five of the ten policy indicators.
- The nation receives an overall grade of "Fail."
- No state receives an overall grade of "Satisfactory."
- Only two states (Hawaii and Utah) receive an overall grade of "Satisfactory Minus."
- Nine states (Arizona, Idaho, Massachusetts, Minnesota, California, Colorado, Connecticut, Maryland, New Jersey) and the District of Columbia receive an overall grade of "Unsatisfactory."

To help states identify what they can do to move toward the smoking-related benchmarks, the Report Card also provides policy indicators, which are based on state statutes, regulations, policies, and programs that address the problems identified by the status indicators. The policies identified would help prevent and reduce smoking generally, and two policy indicators focus specifically on pregnant women given the special dangers smoking poses during pregnancy. In contrast to the status indicators (where basic data were available, although with serious gaps), the absence of consistently collected policy data precluded meaningful comparisons of the states and made grading problematic. The Report Card therefore evaluates the strength of the policies, but does not grade them, and policy indicators are not factored into states' overall grades and ranks. In addition, the Report Card provides a list of recommended federal tobacco control policies.

## Report Card Findings

Most states and the nation overall fall far short of the nation's goals for reducing smoking among women and girls. In addition, neither the states nor the federal government have adopted strong tobacco control policies to help them meet these goals.

## Neither the nation nor any state meets the national goal for reducing smoking during pregnancy, despite the serious associated health risks.

- Nationwide, 12.2 percent of women smoke during pregnancy. Therefore, the nation does not meet the national goal to reduce smoking among this population to no more than one percent and receives a grade of "Unsatisfactory." Moreover, the percentage of pregnant women who smoke is probably even higher because these data come from birth certificates, which are known to produce underestimates of smoking rates. Estimates from survey data suggest that up to 22 percent of pregnant women smoke.
- While no state meets the national goal, the District of Columbia receives a grade of "Satisfactory Minus" because it comes close ( 2.6 percent), as do seven other states. West Virginia ranks last, with 26.3 percent of pregnant women smoking, and 22 other states join West Virginia in receiving a failing grade.


## Percentage of Adult Women who Smoke

| Utah | 11.6 |  |
| :---: | :---: | :---: |
| California | 14.6 |  |
| Hawaii | 16.6 |  |
| Arizona | 18.5 |  |
| Minnesota | 18.6 |  |
| Maryland | 18.7 |  |
| Texas | 18.8 |  |
| District of Columbia | 18.9 |  |
| Massachusetts | 19.3 |  |
| Kansas | 19.4 |  |
| New Jersey | 19.7 |  |
| Oregon | 19.7 |  |
| Nebraska | 20 |  |
| Connecticut | 20.1 |  |
| Florida | 20.2 |  |
| Idaho | 20.3 |  |
| North Dakota | 20.4 |  |
| Washington | 20.4 |  |
| lowa | 20.6 |  |
| Virginia | 20.6 |  |
| New Mexico | 20.7 |  |
| Georgia | 20.8 |  |
| Vermont | 20.8 |  |
| Illinois | 20.9 |  |
| Mississippi | 21 |  |
| New York | 21 |  |
| Maine | 21.1 |  |
| Louisiana | 21.2 |  |
| Colorado | 21.3 |  |
| Montana | 21.3 |  |
| South Dakota | 21.6 |  |
| Alabama | 21.8 |  |
| South Carolina | 21.8 |  |
| Delaware | 22 |  |
| Rhode Island | 22.3 |  |
| Wyoming | 22.7 |  |
| Pennsylvania | 22.8 |  |
| New Hampshire | 23.2 |  |
| North Carolina | 23.4 |  |
| Wisconsin | 23.4 |  |
| Michigan | 23.6 |  |
| Tennessee | 23.6 |  |
| Missouri | 24.3 |  |
| Arkansas | 24.4 |  |
| Oklahoma | 24.5 |  |
| Indiana | 24.8 |  |
| West Virginia | 25.6 |  |
| Alaska | 26.2 |  |
| Ohio | 26.2 |  |
| Kentucky |  | 28 |
| Nevada |  | 28.5 |
|  | 1020 | 30 |

## Neither the nation nor the states have met the challenge of increasing smoking cessation attempts among women and ensuring that women have access to cessation advice and treatment.

- Smoking cessation is critical to improving the overall health of women and girls, and research shows that achieving cessation often takes several attempts. Yet nationally, only 44.9 percent of women tried to quit for one day or longer during the past year, which is short of the national goal to increase adult smokers' cessation attempts of one day or longer during the past year to

75 percent. Therefore, the nation receives a grade of "Fail" on this indicator.

- No state meets this goal, and only Hawaii receives a grade of "Satisfactory Minus" because it comes close (65.2 percent). Nevada ranks last, with only 38.4 percent of women who smoke attempting cessation for one day or longer during the past year, and the overwhelming majority of states-46 and the District of Columbiajoin Nevada in receiving a failing grade.
- Physicians' advice to women to quit smoking has been shown to increase cessation rates. The great majority of women who smoke see a physician each year, yet across the nation, only 61 percent of women who smoke report receiving smoking cessation advice by a physician in the last year, which is short of the goal to increase the percentage of smokers so reporting to 75 percent. The nation thus receives a grade of "Unsatisfactory" on this indicator.
- Only one state, top-ranked Rhode Island (75.7 percent), meets this goal and receives a grade of "Satisfactory." North Dakota ranks last ( 43.8 percent), and 18 other states join North Dakota in receiving a failing grade.
- Seventeen percent of women in the United States are uninsured and therefore may not have access to either physicians' advice to quit smoking or smoking cessation treatment. The nation thus is not meeting the national goal to reduce the percentage of people without health insurance to zero and receives a grade of "Fail."
- While no state meets this goal, Wisconsin receives a grade of "Satisfactory Minus" because it comes close ( 8 percent), as do two other states, Minnesota ( 8.6 percent) and Rhode Island ( 8.7 percent). New Mexico ranks last, with 29.5 percent of women uninsured, and 23 other states join New Mexico in receiving a failing grade.


## Second-band smoke exposure poses serious health risks to women, and the percentages of work and home policies probibiting smoking fall short of the national goals.

- Exposure to second-hand smoke increases the risks for lung cancer and heart disease, among other serious health consequences. Yet nationally, only 74.1 percent of women report having a worksite policy prohibiting smoking in indoor areas. Only 64.5 percent of women report having a rule that smoking is not allowed in the home. These figures miss by a substantial margin the benchmarks to increase the percentages of work and home bans to 100 percent, and the nation receives a grade of "Fail" on both of these indicators.
- Compounding this failure at the national level, no state meets these goals. Top-ranked Utah receives a grade of "Satisfactory Minus" because it comes close to meeting the goals for the percentages of women reporting a work ban ( 87.6 percent) and home ban ( 84.1 percent). Nevada ranks last in the percentage of women reporting a work ban ( 56 percent), and 40 other states and the District of Columbia join Nevada in receiving a failing grade. Kentucky ranks last in the percentage of women reporting a home ban ( 43.1 percent), and 43 other states and the District of Columbia join Kentucky in receiving a failing grade.
coronary heart disease death rate of 93.9 per 100,000). The nation receives a grade of "Unsatisfactory" on this indicator.
- No other state meets Hawaii's benchmark rate for coronary heart disease deaths among women. Alaska receives a grade of "Satisfactory Minus" because it comes close to meeting this goal ( 94 deaths per 100,000 women), as do 14 other states. New York ranks last, with 220.7 deaths per 100,000 women, and 22 other states and the District of Columbia join New York in receiving a failing grade.

Women who smoke greatly increase their risks for serious diseases, and the nation and the states fall far short of the national goals to reduce deaths among women from lung cancer, the leading cancer killer of women, and heart disease, the leading overall killer of women.

- Smoking is the primary cause of lung cancer, the leading cancer killer of women. Nationwide, the lung cancer death rate among women is 40.7 per 100,000 , which is far short of the goal to reduce lung cancer deaths among women to that of the state with the current lowest rate (Utah, with a female lung cancer death rate of 17.7 per 100,000$)$. Thus, the nation receives a grade of "Fail" on this indicator.
- No other state meets Utah's benchmark rate for lung cancer deaths among women. Hawaii receives a grade of "Satisfactory Minus" because it comes close ( 27.8 deaths per 100,000 ). Nevada ranks last, with a lung cancer death rate among women of 55.8 per 100,000 , and 39 other states and the District of Columbia join Nevada in receiving a failing grade.
- Smoking also greatly increases the risk for cardiovascular disease, the leading overall killer of women. Nationally, the coronary heart disease death rate among women is 164.6 per 100,000 , which is short of the goal to reduce coronary heart disease deaths among women to that of the state with the current lowest rate (Hawaii, with a female
Ranges Among States and the District of Columbia for Selected Status Indicators

| Current Smoking, Adults (\%) |  |
| :--- | :--- |
| Utah | 11.6 |
| Nevada | 28.5 |


| Smoking During Pregnancy (\%) |  |  | 2.6 |
| :---: | :---: | :---: | :---: |
| District of Columbia | 26.3 |  |  |
| West Virginia |  |  |  |
| Trying to Quit, Adults (\%) | 65.2 |  |  |
| Hawaii | 38.4 |  |  |
| Nevada |  |  |  |


| Lung Cancer Death Rate (per 100,000) |  |
| :--- | :--- |
| Utah | 17.7 |
| Nevada | 55.8 |

Coronary Heart Disease Death Rate (per 100,000)

| Hawaii | 93.9 |
| :--- | :---: |
| New York | 220.7 |

## Only seven state Medicaid programs cover comprehensive smoking cessation treatment, and no state requires private insurers to cover such treatment.

- The U.S. Public Health Service's Clinical Practice Guideline, Treating Tobacco Use and Dependence, recommends that all insurance plans cover smoking cessation medications and counseling. Lack of such coverage for smoking cessation treatment is a barrier to quitting, particularly for lowincome women, who have higher smoking rates than women in general. While some of the lowest-income women rely on Medicaid, only seven state Medicaid programs cover all three forms of smoking cessation treatment: (1) over-the-counter medications, (2) prescription medications, and (3) cessation counseling. Sixteen state Medicaid programs cover none of these categories of treatment.
- No state requires private insurers to cover comprehensive smoking cessation treatment.


## Almost half of the states do not have telephone quitlines, despite their demonstrated effectiveness.

- Telephone-based smoking cessation counseling services, called "quitlines," have been shown to be effective, particularly for low-income and rural communities that typically do not have access to cessation services. Yet only 32 states have telephone quitlines.


## Only five states have comprehensive laws prohibiting smoking in indoor sites, which prevent exposure to second-hand smoke and reduce overall smoking.

- States can help prevent exposure to second-hand smoke and generally reduce smoking by prohibiting smoking in indoor sites, including government and private worksites, schools, day care centers, health care facilities, and other places of public access. Yet only five states (California, Delaware, Maryland, New York, and Vermont) have strong laws that prohibit smoking in almost all indoor sites. Twenty-four states either have no laws prohibiting smoking in indoor sites or have laws that offer little protection from second-hand smoke.


## Only five states have a cigarette excise tax of at least $\$ 1.50$ per pack of 20 cigarettes, a measure that could dramatically reduce smoking, particularly among youth.

- Research shows that increasing the excise tax on cigarettes is one of the most effective ways to reduce smoking, particularly among youth. Yet only five states (Connecticut, Massachusetts, New Jersey, New York, and Rhode Island) have a cigarette excise tax of at least $\$ 1.50$ per pack of 20 cigarettes. Eighteen states have an excise tax of 49 cents or less per pack of 20 cigarettes.

Only four states fund comprehensive tobacco control programs annually at the CDC's minimum recommended funding levels.

- States that have aggressive tobacco prevention programs with significant resource allocations show greater decreases in tobacco use than do states that are not allocating significant resources to tobacco prevention. Yet only four states (Maine, Maryland, Minnesota, and Mississippi) fund comprehensive tobacco control programs annually (through tobacco settlement funds or excise taxes) at levels that fall within the CDC's recommended ranges for those states. Three states (Michigan, Missouri, Tennessee) and the District of Columbia have not committed any such funds to a comprehensive tobacco control program.


## The federal government has not adopted strong policies to prevent and reduce smoking among women and girls.

- Stronger federal policies that regulate tobacco, promote cessation, monitor Internet sales, and fund research and data collection, among others, are critical to the reduction of tobacco use among women and girls.

The nation and the states could do much more to meet the national goals to prevent and reduce smoking and its harmful effects among women and girls. Too few states have strong smoking cessation policies, second-hand smoke laws, excise taxes, and tobacco prevention programs that could help them meet these goals. This serious women's health issue deserves and requires much greater attention.



Smoking is the number one cause of preventable death for women in the United States, and lung cancer, which is primarily attributable to smoking, is the leading cancer killer of women. Yet in 2003, most states and the nation overall are failing to meet the national goals for reducing smoking among women and girls, and too few states have adopted strong tobacco control policies to help them meet these goals.

This chapter describes the scope of the problem of smoking among women and girls, its cost in human lives and suffering as well as economic costs, factors that lead women and girls to smoke, the resulting health consequences, the importance of cessation, factors that affect cessation among women and girls, and programs and policies that can help lower smoking rates.

## Smoking Takes a Substantial Toll in Lives Lost and Economic Costs.

Every year, smoking-related diseases kill more than 178,000 women and cause women to lose more than 2 million years of life due to premature death. In addition, the economic costs of smoking are substantial. From 1995-1999, lost productivity and medical expenses attributable to female smoking totaled approximately $\$ 75$ billion each year. ${ }^{1}$

One study found that about one-half of all long-term smokers will die of smoking-related diseases. The majority of deaths due to smoking occur at ages 35-69 years. ${ }^{2}$

The smoking-attributable costs borne by public health insurance programs alone are immense. For Medicaid, the state-federal health insurance program for low-income people in which about 70 percent of the beneficiaries over age 15 are women, ${ }^{3}$ the total estimated smoking-attributable expenditures for states in 2001 amounted to almost $\$ 12$ billion, or about 15 percent of all Medicaid costs. ${ }^{4}$ If adult smoking rates were reduced by only five percent, the estimated annual savings to states in terms of Medicaid costs would be $\$ 110$ million; if smoking rates were reduced by 50 percent, the estimated annual savings would be $\$ 1.1$ billion. Moreover, this figure is an underestimate because it does not include the total savings that would result in other areas, such as reductions in the federal share of tobacco-related Medicaid payments, private insurance costs, out-of-pocket medical costs, cigarette fire damages, and lost productivity due to smoking-related illnesses. ${ }^{5}$

Smoking also results in huge costs for Medicare, the federal health insurance program that covers Americans aged 65 and older and the permanently disabled, in which the majority of beneficiaries are women. ${ }^{6}$ In 1997, these smoking-attributable costs amounted to over $\$ 20$ billion. $^{7}$

> Medicare does not cover smoking cessation
> treatment. In 2002, the Centers for Medicare and Medicaid Services launched the Medicare Stop Smoking Project (MSSP) to evaluate smoking cessation treatment as a potential Medicare benefit. This demonstration project, which is being conducted in seven states, will evaluate the impact on quit rates of covering three different types of smoking cessation treatment: (1) reimbursement for provider cessation counseling only; (2) reimbursement for provider cessation counseling and FDA-approved prescription or nicotine replacement medications; and (3) a telephone counseling quitline and reimbursement for nicotine replacement therapy. Alabama, Florida, Missouri, Ohio, Oklahoma, Nebraska, and Wyoming were selected as sites for the project based on their concentration of fee-for-service Medicare beneficiaries, the prevalence of older smokers, the ability to divide the state into four geographic regions, and the absence of statewide quitlines. ${ }^{8}$ The results of the study are expected in 2004. ${ }^{\text {. }}$

## Smoking Rates among Women and Girls Are Too High and Vary Greatly by Age, Race and Ethnicity, Education Level, and Income.

Despite these staggering costs in lives and to the economy, more than one in five adult women and more than one in four high school girls are current smokers. ${ }^{10}$ Other tobacco use-such as cigars, pipes, smokeless tobacco, and bidis ${ }^{11}$ is much lower among women and girls than among boys and men. ${ }^{12}$

Smoking rates among women and girls vary greatly by a number of factors, including age, race and ethnicity, level of education, income, and sexual orientation. Specific information on smoking among women and girls by race and ethnicity, age, and education level is provided in the national and state report cards where available (See Chapter III).

With respect to age, smoking rates are highest among women aged 18-24 and 25-44, lower among women aged 45-64 years, and lowest among women aged 65 years and older. ${ }^{13}$ Girls aged 15-17 years have a higher prevalence of smoking than girls aged 12-14 years. ${ }^{14}$

By race and ethnicity, the prevalence of smoking is highest among American Indian/Alaskan Native women, lower among white and black women, ${ }^{15}$ and lowest among Hispanic and Asian/Pacific Islander women. ${ }^{16}$ In middle school and high school, smoking among white girls is at least twice as high as among black girls, and smoking among Hispanic girls is between the two. ${ }^{17}$ National data


on smoking among girls of other racial and ethnic groups are limited, but studies suggest that smoking prevalence is highest among American Indian high school girls. ${ }^{18}$

By education level, data on smoking among women show that the higher the level of education attained, the lower the prevalence of smoking. For example, women with 16 or more years of education smoke at a rate that is about onethird that of women with 9 to 11 years of education. ${ }^{19}$ In
terms of income, the prevalence of smoking is higher among women living below the poverty level (about $\$ 8,500$ for one person in 1999, the year used in the study ${ }^{20}$ ) than among women living at or above the poverty level. ${ }^{21}$

The limited data that exist on smoking among lesbian and bisexual women suggest that their smoking prevalence is higher than that of the general population of women. According to a recent study, almost one-third of lesbians

and one-half of bisexual women report current tobacco use. ${ }^{22}$ Similarly, research suggests that smoking prevalence among lesbian and bisexual girls is higher than among youth in general. ${ }^{23}$

## Smoking Rates during Pregnancy Are Too High and Vary Dramatically by Age, Race and Ethnicity, and Education Level.

Despite the clear health consequences of smoking during pregnancy, which are described below, about 12 percent of women and girls smoke during pregnancy. It is important to note, however, that these data come from birth certificates, which are known to produce underestimates because pregnant women and girls often conceal their smoking from their physicians due to the social stigma. Estimates from survey data suggest that up to 22 percent of pregnant women and girls smoke. ${ }^{24}$

The prevalence of smoking during pregnancy varies dramatically by age, race and ethnicity, and education level in patterns similar to those described above for smoking among women and girls generally. ${ }^{25}$ For example, smoking during pregnancy among women with 9-11 years of education is about 15 times higher than among women with 16 or more years of education. ${ }^{26}$

## Many Personal, Social,

 Environmental, and Cultural Factors Influence Smoking among Women and Girls.A complex set of personal, social, environmental, and cultural factors influences smoking among women and girls. Studies reveal the following as personal and social risk factors for smoking: having parents or friends who smoke; having weaker attachments to family and stronger attachments to friends; having a weaker commitment to religion or school; being a risk taker and rebellious; perceiving smoking to be more common than it is; having less knowledge of the health consequences and addictive
nature of smoking; having lower levels of exercise and sports participation; and believing that smoking controls weight and negative moods. ${ }^{27}$

A good sign: Seventy-two percent of high school senior girls say they prefer to date nonsmokers-an important indicator of girls' attitudes towards smoking in general. ${ }^{28}$

In addition, environmental factors, such as the accessibility of cigarettes, their price, and the advertising and promotion of tobacco products also affect smoking initiation. ${ }^{29}$ The tobacco industry has used cigarette advertising and promotion in particular to target women and girls (see pages 12-13) and other specific populations. Tobacco companies also have a strong presence in various ethnic communities through support for the arts and sporting events. ${ }^{30}$

Moreover, targeted tobacco marketing relying on positive and culturally significant images often invisible in other advertising (such as ads showing well dressed and apparently affluent African Americans in ski resort settings) has contributed to positive relationships with minority communities. ${ }^{31}$ These factors may contribute to positive feelings about smoking among various groups and thereby influence use. ${ }^{32}$

There is limited information about racial and cultural differences in attitudes and social factors regarding smoking. As noted above, smoking is highest among American Indian/Alaskan Native women, lower among white and black women, and lowest among Hispanic and Asian/Pacific Islander women. Despite lower rates of smoking among some racial and ethnic groups, stress or depression brought on by factors such as prejudice, racial discrimination, and limited English proficiency may affect smoking initiation, maintenance, and failed cessation. ${ }^{33}$

In addition, group differences such as type of cigarettes smoked, age of smoking initiation, and the role of tobacco
in tradition, religion, culture, and history play an important role in smoking rates. The following section describes some of the history, culture, and traditions regarding smoking for major U.S. racial and ethnic groups. With changes in socioeconomic status and acculturation, relative differences among racial/ethnic groups will probably change over time.

## American Indians and Alaskan Natives

The role of tobacco varies greatly among American Indian and Alaskan Native subgroups and geographic regions. Traditional ceremonies involving sacred tobacco are an important part of some Native American practices, although inhaling tobacco smoke is not a ceremonial use of tobacco. Historically, enemies signaled the end of war with the exchange of a "peace pipe," another positive cultural symbol associated with tobacco. Tobacco also played an important role in trade among tribes and with European explorers in the 1700 s. Some tribes no longer associate tobacco use with cultural practices, while in others, tobacco is still given as a gift at important gatherings, to honor healers, and to celebrate events. ${ }^{34}$

## African Americans

Tobacco was a major crop in the American south during the period of slavery in the United States. After emancipation, African Americans continued to work in tobacco farming and production in large numbers until machines displaced many workers through the 1900s. It is important to note, however, that the tobacco industry did not result in raised overall economic standards for African Americans. Studies show that, even today, some of the poorest counties in the south are those where tobacco is a major crop. ${ }^{35}$

## Asian Americans

Tobacco has several positive associations in Asian culture and history. For example, sharing cigarettes plays an important role in Asian culture. In China, guests traditionally give their hosts a carton of cigarettes. Largely due to American influences, smoking is also associated with sophistication and wealth in some Asian cultures. Originally introduced to China by the Dutch in the 17th century, tobacco is now a major crop in Asia, playing a large role in the economy of the world's most populous countries and leading major western tobacco manufacturers to establish strong and growing markets there. ${ }^{36}$

## Hispanic Americans

Like Asian countries, Latin countries have long depended on tobacco as a product of trade. In the U.S., tobacco companies have depended on Hispanic labor in cigar production, particularly in factories in Florida. Moreover, as in Asian communities, tobacco plays an important role in
social exchange in Hispanic communities. Historically, traditional healers used tobacco in ceremonies. Today, cigarette smoking among Hispanics in the United States tends to occur particularly during social activities, with researchers identifying this as a unique cultural trait. ${ }^{37}$

## Women and girls are particularly likely to smoke to control weight and negative moods.

Women and girls are more influenced than men and boys by the desire to smoke to control weight and negative moods. ${ }^{47}$ With respect to weight, white and Hispanic women who smoke are more likely than women who have never smoked to perceive themselves as overweight. Data reveal no correlation between perceived weight and smoking status among black women, but black women are less likely than women of other racial groups to perceive themselves as overweight, regardless of smoking status. ${ }^{48}$ Girls are also more likely than boys to think that smoking controls negative emotions and to say that they would be tense and irritable if they stopped smoking. In fact, some studies suggest that smoking is associated with depression and anxiety, although the direction of the association and any gender-specific differences are not clear. ${ }^{49}$

## Smoking Harms the Health of Women and Girls.

Women and girls who smoke greatly increase their chances of developing cancer, cardiovascular disease, pulmonary disease, and reproductive health problems, among many other negative health effects. Use of other forms of tobacco, including cigars, smokeless tobacco, and products aimed at youth, like bidis in flavors such as chocolate and cherry, also has harmful effects. ${ }^{50}$

Even for women and girls who do not smoke themselves, exposure to second-hand smoke increases their risks for lung cancer and heart disease, among other serious health consequences. The U.S. Environmental Protection Agency, the National Toxicology Program, the World Health Organization, and many other prominent agencies have classified second-hand smoke as a cancer-causing substance. ${ }^{51}$

Smoking takes a serious toll on the health of both men and women, increasing their risks for certain diseases (e.g., cancers and heart disease). But women have additional health risks related to smoking. ${ }^{52}$ This section describes the general health effects of smoking, with a special focus on women-specific effects, and highlights the health impact for specific subgroups of women.

# The Tobacco Industry's Marketing of Cigarettes to Women and Girls 

Tobacco companies have targeted women and girls in various ways, including creating special brands and types of cigarettes specifically for them and using marketing themes suggesting that smoking will make them feel attractive, slim, and less stressed. ${ }^{38}$ Tobacco companies have also long advanced the myth that low-tar, low-nicotine brands are less harmful, and because women tend to be more concerned with health, they have been especially vulnerable to this myth. ${ }^{39}$ Long and ultralong cigarettes have been primarily targeted to women, and as marketing expenditures for them increased from 29 percent of total spending in 1975 to 40 percent in 1998, the market share for these cigarettes increased from 25 percent in 1975 to 40 percent in 1998. ${ }^{40}$ These tactics are revealed in internal tobacco industry documents that are now publicly available. ${ }^{41}$

## In 2001, expenses for cigarette advertising and

 promotion alone totaled $\$ 11.2$ billion, or more than $\$ 30$ million per day. ${ }^{42}$ Unfortunately, state spending on tobacco prevention in 2003 amounts to only about six percent of this enormous sum spent by the tobacco industry to market cigarettes. ${ }^{43}$One of the most well-known and successful cigarette advertising campaigns targeted at women-the Virginia Slims brand created by Philip Morris-illustrates these strategies. The name "Virginia" was chosen in part because it is a "great name for a cigarette with a feminine personality. It not only has traditional tobacco overtones [because Virginia is a tobacco growing state], but it romantically suggests moonlight, gentle breezes, and green hills." "Slims" was chosen to emphasize thinness, stating that it was designed for a woman's slimmer hands and lips and was packaged in a slim purse pack. The campaign's initial slogan in the 1960s-"You've come a long way, baby"-capitalized on the growing women's movement and claimed that women could have everything, even a cigarette of their own. Philip Morris also sponsored the Virginia Slims women's professional tennis tournament for many
years starting in the 1970 s, during which free samples were given away at stadium entrances and players were not allowed to publicly oppose cigarette sponsorship. In the 1990s, the Virginia Slims slogan became "It's a woman thing," reflecting the evolution of the women's movement. The brand's "Find Your Voice" campaign followed in 1999, consisting of print ads that portrayed attractive African American, Hispanic, Asian, and white women with accompanying text suggesting that women have different culturally based needs for self-expression. ${ }^{44}$

Many popular women's magazines continue to accept cigarette ads, and articles on the dangers of smoking in those publications are still rare. After cigarette advertising was banned from broadcast media starting in 1971, the number of cigarette ads in women's magazines increased dramatically. A 2000 survey of popular women's magazines, such as Glamour, Cosmopolitan, and Vogue, showed that cigarette ads outnumbered anti-smoking messages (articles, advertisements, etc.) by ten to one. Moreover, articles about the health consequences of smoking constituted less than one percent of all health-related articles in these magazines. ${ }^{45}$


> "Women at Work It is estimated 15,000,000 women are employed in U.S. industry today."

"When you're doing a bang-up job, you want a bang-up smoke..."

Better Homes \& Gardens
March 1943


Tough anti-smoking advertising can be effective. A recent study in the American Journal of Public Health examined how two antismoking campaigns-the American Legacy Foundation's "truth" campaign and Philip Morris's "Think. Don't Smoke." campaignaffected youths' attitudes towards tobacco. The study found that the "truth" campaign increased anti-tobacco attitudes and beliefs among youth with its hard-hitting, multiethnic TV and print ads. These ads challenge assumptions about smoking by revealing smoking statistics and the tobacco industry's marketing tactics. By contrast, the "Think. Don't Smoke." ads, which follow previous anti-drug campaign practices of advocating a "just say no" approach, did not resonate with youth. In fact, the researchers found that "Think. Don't Smoke." not only failed to produce anti-smoking attitudes, but also created more favorable feelings towards the tobacco industry. ${ }^{46}$

## General Conditions and Diseases

## Lung and Other Cancers

Smoking accounts for about 85-90 percent of all lung cancer deaths, and lung cancer is the leading cause of cancer death among women in the United States. Women's lung cancer death rates have increased over 600 percent since 1950 primarily as a result of smoking. ${ }^{53}$ Yet 80 percent of American women believe that breast cancer is the leading cancer killer of women. ${ }^{54}$ More women are diagnosed with breast cancer (211,300 estimated diagnoses in 2003) than lung cancer $(80,100)$, but lung cancer kills more women. This is because the overall five-year relative survival rate for lung cancer is only 17 percent. For breast cancer, the overall five-year relative survival rate is 86.6 percent. ${ }^{55}$ In the year 2003, an estimated 68,800 women will die of lung cancer. ${ }^{56}$ This number is greater than the number of women who will die of breast cancer $(39,800)$, ovarian cancer $(14,300)$, uterine cancer $(6,800)$, and cervical cancer $(4,100)$ combined. Quitting smoking greatly reduces lung cancer risk. One study estimated the risk of developing lung cancer by age 75 to be 9.5 percent for women who continue to smoke, 5.3 percent for those who quit by 60 , and 2.2 percent for those who quit by $50 .{ }^{57}$

## Pulmonary or Respiratory Disease

Smoking also damages the lungs in other ways. It causes 90 percent of deaths due to Chronic Lower Respiratory Disease (also known as Chronic Obstructive Pulmonary Disease (COPD)). ${ }^{60}$ Chronic Lower Respiratory Disease includes emphysema, chronic bronchitis, and other diseases that affect lung function and airflow. ${ }^{61}$ Quitting smoking has an immediate impact on lung function and reduces the risk for death from Chronic Lower Respiratory Disease. While quitting stops the decline of lung function and serious health risks in smokers, their risk for death from COPD never returns to the level of those who never smoked. ${ }^{62}$ One study found that while quitting benefits both men and women, women make much greater gains in improved lung function and decreased risk for Chronic Lower Respiratory Disease when they quit smoking. ${ }^{63}$

## Cardiovascular Disease

Cardiovascular Disease (CVD) is the leading overall cause of death among women. ${ }^{64}$ Smoking is a key risk factor for CVD: preventing smoking initiation and smoking cessation are critical ways to prevent and reduce the effects of CVD. CVD includes heart disease, stroke, and vascular diseases. ${ }^{65}$ "Heart attacks" ${ }^{66}$ are one widely known form of CVD, but because many people associate heart attacks only with middle-aged and older men, women and their health care providers are often not wellversed on the symptoms in women. ${ }^{67}$ Therefore, women are often misdiagnosed and care is delayed, resulting in more severe damage and deaths.

In addition, women often are not aware of how high their risk for having and dying from CVD truly is and how that risk is affected by tobacco use. Only 34 percent of women surveyed in 2000 correctly identified heart disease as the number one killer of women, up from 30 percent in $1997 .{ }^{68}$ The risk for coronary heart disease in women who smoke is approximately doubled compared to nonsmokers and increases with the number of cigarettes smoked daily. ${ }^{69}$ A woman who smokes is at risk for a heart attack 19 years earlier than one who does not smoke. ${ }^{70}$

Fortunately, smoking cessation reduces the risk for coronary heart disease by 25 to 50 percent, with a substantial reduction occurring one to two years after quitting. ${ }^{71}$ Moreover, a recent systematic review confirms that smoking cessation among patients with coronary heart disease reduces the risk for death by more than 35 percent, and that this finding is likely to apply to women as well as to men. In addition, this same study suggests that quitting smoking reduces the risk for death at least as much as lowering cholesterol and taking aspirin and blood pressure reducing medications. ${ }^{72}$

Smoking also increases women's risk for stroke, another common type of cardiovascular disease. ${ }^{73}$ About 40,000 more women than men have a stroke each year in the U.S., primarily because women live longer and age is a major risk factor. ${ }^{74}$ Nationally, stroke is the leading cause of premature,

permanent disability among working adults, resulting in the loss of independence for 15 to 30 percent of all stroke survivors. Just as for coronary heart disease, smoking cessation reduces the risk for stroke. About 10 to 15 years after a person stops smoking, his or her risk for stroke approaches that of someone who never smoked. ${ }^{75}$

## Women's Conditions and Diseases

## Reproductive Health

## Contraceptive Use

Smoking while using certain hormonal contraceptives increases the risks for stroke and heart attack. Risks increase for those using hormonal methods containing both estrogen and progesterone, which includes many oral contraceptives (OC), injections, patches, and vaginal rings. ${ }^{76}$ While OC users have about the same risk for heart attack as women who do not use OCs, OC users who smoke have double the risk of OC users who do not smoke. ${ }^{77}$ These contraceptives are extremely safe for most women, except for those who smoke cigarettes.

There is also some evidence that the nicotine in tobacco can lead to the breakdown of estrogen in oral contraceptives, making oral contraceptives less effective and increasing the risk for unplanned pregnancies. ${ }^{78}$ Adolescents are particularly vulnerable to this type of contraceptive failure, given that 40 percent of adolescents aged 12-17 who use oral contraceptives are smokers, whereas 25 percent of girls
who do not use oral contraceptives are smokers. ${ }^{79}$ Physician counseling on contraceptive risks and benefits is therefore a key opportunity to discuss smoking cessation and the impact of smoking on women's overall health.

## Pregnancy and Maternal, Fetal, and Infant Health

Women who smoke during pregnancy increase the health risks for themselves and their fetuses and infants. Abruptio Placentae, the separation of the placenta from the uterine wall, is associated with smoking and is the leading cause of maternal and fetal death. Smoking is also associated with an increased risk for ectopic pregnancy, which can lead to maternal death. In addition, miscarriage (fetal death before 28 weeks), and stillbirth (fetal death after 28 weeks), are both associated with smoking and carry an increased risk for infection and other complications for women. ${ }^{80}$ Moreover, the negative health impact of smoking on fetuses and newborns is well-established. Smoking is a risk factor for premature birth, and 20 percent of low birth weight infants (under $2,500 \mathrm{~g}$ or 5.5 pounds) are attributable to smoking. ${ }^{81}$ Infants born to women who smoke during pregnancy are more likely to die within 28 days of birth. ${ }^{82}$ Such infants are also at a greater risk for Sudden Infant Death Syndrome (the leading cause of death of infants aged one month to one year), as are infants living in households with smokers. ${ }^{83}$ Smoking is also associated with reduced breast milk production and shorter duration of breast feeding, ${ }^{84}$ and nicotine is present in the breast milk of smokers. ${ }^{55}$ Cessation during and after pregnancy can reduce all of these risks.

## Infertility

Smoking can also contribute to delayed conception and infertility in women, ${ }^{86}$ and studies show lower success rates for certain infertility treatments among smokers. ${ }^{87}$ Moreover, because smokers enter menopause one to two years earlier than nonsmokers, they experience a shortened period of fertility. ${ }^{88}$

## Menopause

Numerous studies have shown that smokers experience earlier menopause than nonsmokers ${ }^{89}$ and that menopause increases the risks for conditions such as osteoporosis and CVD. Additionally, smokers may have more difficulty managing some symptoms of menopause such as hot flashes. ${ }^{90}$

## Mental Health

The link between mental health problems and smoking is still unclear. Research has not identified whether smoking is the cause of mental health symptoms, or whether smoking in some way reduces symptoms of some disorders, thus leading some to smoke as self-medication. What is known is that depression and anxiety disorders affect twice as many women as men, ${ }^{, 1}$ and women and girls are more likely than men and boys to smoke to control negative moods. ${ }^{92}$ Nicotine changes brain chemistry and has a calming effect for many smokers. Among those aged 18-22, more young women than young men report this response. ${ }^{33}$ In addition, smoking is associated with a host of mental health problems for girls, including attention disorders, depression, panic attacks, suicidal thoughts, and eating disorders. Treating underlying mental health problems may be one potential strategy to reduce smoking among girls, who are far more likely than boys to report smoking to relieve stress. ${ }^{94}$

## Body Image and Eating Disorders

Women are far more likely than men to have eating disorders and other dangerous behaviors related to weight and body image, ${ }^{95}$ and smoking is perceived by some women and girls as a tool for weight control. It is true that on average, smokers have a slightly lower body weight than nonsmokers and former smokers. Smoking initiation does not cause weight loss, however, but does appear to hold off weight gain associated with aging. ${ }^{96}$ Still, many continuing smokers are overweight, which compounds the negative health effects of smoking.

Smoking is strongly associated with bulimia (binging and purging), with 50 percent of female adolescent bulimics using tobacco. A connection has also been reported between
smoking initiation and restrictive dieting, and some studies indicate that a number of girls who are new smokers are smoking to suppress their appetites. ${ }^{97}$ Addressing the underlying issues of body image and the increasing rates of childhood obesity and overweight may reduce the number of girls who begin smoking.

## Differences in Health Effects among Specific Subgroups of Women

There are serious disparities in access to health care among women by age, race and ethnicity, socioeconomic status, and sexual orientation, among other factors. ${ }^{98}$ Not surprisingly, disparities in health care access result in disparities in the health effects of smoking. Lack of access to health care means missed opportunities for health care providers to educate women and girls about the dangers of smoking, to advise them to quit, and to diagnose smokingrelated health problems. Each of the subgroups described in this section differs in access to care, health insurance coverage, and other access issues unrelated to payment for care itself, such as language barriers and transportation. This section describes some special concerns for each of these groups regarding the health impact of smoking.

## Smoking and Its Health Impact on Girls and Young Women

Smoking negatively affects many aspects of girls' health. Thirty percent of girls who smoke report problems with breathing, sleeping, and digestion, while only eight percent of nonsmoking girls do. Respiratory problems are more frequent in girls who smoke as compared to boys who smoke. Girls who smoke are also less likely to exercise and eat nutritiously than girls who do not smoke. ${ }^{99}$

Moreover, although most smokers will not go on to use illicit drugs, compelling evidence shows that tobacco use among youth may be a "gateway" to alcohol and other substance abuse. ${ }^{100}$ In 2001, youths aged 12-17 that smoked cigarettes were nine times more likely to use illicit drugs (48 percent vs. 5.3 percent). ${ }^{101}$ Compared to nonsmoking girls, girls aged 12-17 years who smoke are much more likely to use alcohol and marijuana and to engage in binge drinking. ${ }^{102}$ Furthermore, a recent study indicates that adolescents are more vulnerable to nicotine, alcohol, and other drug addictions because their brains are still developing. ${ }^{103}$ Smoking prevention is therefore an important part of national efforts to reduce drug and alcohol use and abuse. ${ }^{104}$

Children exposed to second-hand smoke are prone to upper respiratory problems and middle ear infections. ${ }^{105}$ They also have a greater risk for asthma and are likely to experience more severe asthma. ${ }^{106}$ Young children and infants are at a greater risk of having reduced lung function if their mothers smoked while pregnant. ${ }^{107}$

## Smoking and Its Health Impact on Older Women

Because smoking markedly increases the risks for chronic diseases and conditions, such as cancer, stroke, CVD, and COPD, it greatly reduces quality of life as women age. ${ }^{108}$ In addition, smoking is a risk factor for other serious health problems such as osteoporosis ${ }^{109}$ and cataracts. ${ }^{110}$ Fortunately, quitting is beneficial at any age. Long-term quitters (defined as over one year) aged 65 and older have improved mental and physical functioning as compared to current smokers. ${ }^{111}$ Older smokers quickly realize the health benefits of quitting in terms of lung and heart functioning and experience longer-term benefits such as reduced disease risks and improved treatment outcomes. Compared to continuing smokers, smokers who quit before age 50 cut in half the risk for dying in the next 15 years, ${ }^{112}$ and even smokers who quit at age 65 increase life expectancy by up to four years. ${ }^{113}$ Women who do not smoke live longer than those who do, and enjoy 1.9 fewer years of disability. ${ }^{114}$

## Smoking and Race/Ethnicity

Smoking contributes to many diseases and conditions for which there are racial disparities, including certain cancers, cardiovascular disease, and low birth weight. ${ }^{15}$ Other factors contributing to these disparities include access to health care, body weight, physical activity, nutrition, environment, and genetics.

This section highlights some of the racial and ethnic differences in smoking rates and mortality rates from lung cancer, a disease clearly caused by smoking. ${ }^{116}$ It is important to note that current lung cancer death rates reflect past smoking rates within these groups. This means that a group may have a high rate of current smoking but a low mortality rate from lung cancer due to low rates of smoking in the past. Based on current smoking, however, the group's lung cancer death rate can be expected to increase in the future.

Black women have a lung cancer death rate of 40.2 per 100,000 . This rate is similar to the lung cancer death rate for white women, which is 41.5 per 100,000 . The current smoking rates for black women (19.4 percent) and white women ( 22.6 percent) are also close.

Hispanic women have the second lowest rate of current smoking ( 12.6 percent) after Asian women, but have the lowest lung cancer death rate- 13.4 per 100,000 . Hispanic women are the only group of women for whom breast cancer, not lung cancer, is the leading cancer killer. ${ }^{117}$

Asian women have the lowest rate of current smoking (7.0 percent). Asian/Pacific Islander women have the second lowest lung cancer death rate after Hispanic women-19.2 per 100,000.

## American Indian/Alaska Native

 women have the highest rate of current smoking (37.1 percent) but an intermediate lung cancer death rate ( 25.4 percent). Based on current smoking rates, the lung cancer death rates among these women would be expected to rise over the next twenty years.
## Smoking and Socioeconomic Status

On average, a lower proportion of women than men are exposed to smoke in their immediate work area ( 17 percent vs. 26 percent), but women working in service industries and blue-collar jobs have a higher risk for such exposure (28 percent). Women with 12 or fewer years of education are also more than twice as likely to be exposed to second-hand smoke in the workplace than are those with more education ( 22 percent vs. 10 percent). ${ }^{121}$ Some female-dominated jobs such as food service ${ }^{122}$ often provide constant exposure to second-hand smoke and its associated health risks. Until regulations were passed in 1990, flight attendants, overwhelmingly female, were routinely exposed to secondhand smoke on domestic flights, ${ }^{123}$ placing them at increased risks for lung cancer and heart disease. Legislation to curb public indoor smoking can help reduce the health risks faced by such employees.


#### Abstract

Occupation is a significant predictor of smoking. In 2000, 35 percent of blue-collar workers and 20 percent of white-collar workers smoked. ${ }^{124}$ Bluecollar workers also smoke more heavily and have less success quitting than white-collar workers. Because labor unions represent and provide health insurance to many blue-collar workers, they and other employers of these workers can play an important role by providing coverage of smoking cessation treatment to help lower smoking in this population. ${ }^{125}$


Income is closely tied to lung cancer death rates, with those in the lowest income brackets having the highest rates. Among women, those aged 25-64 with family incomes under $\$ 15,000$ have lung cancer death rates that are 40-60 percent higher than those with family incomes above $\$ 15,000 .^{126}$

## Smoking and Sexual Orientation

Discrimination, social isolation, and high levels of resulting stress play a major role in high smoking rates and difficulties with cessation among lesbians. ${ }^{127}$ Gay health advocates also cite "bar culture" as a major factor contributing to high smoking rates in the gay community. ${ }^{128}$ Reliance on bars as a social focus is also possibly the result of discrimination and exclusion from other social settings. This same culture contributes to an increased exposure to second-hand smoke for lesbians who do not smoke. While there are no studies on whether lesbians experience different smoking-related health effects, being a lesbian does have a serious impact on health status generally. ${ }^{129}$ Many factors specifically related to sexual orientation hinder lesbians' access to health care, including lack of spousal-based insurance coverage and discrimination by health care providers. ${ }^{130}$ Due to these barriers, lesbians often postpone seeking care ${ }^{131}$ and may experience delays in diagnoses of smoking-related illnesses. In addition, one study indicates that gays and lesbians are less likely to have attempted to quit smoking than other adults. ${ }^{132}$ Efforts are underway to develop and study smoking prevention and cessation programs for gays and lesbians. ${ }^{133}$

## Many Women Want to Quit Smoking, but Successful Cessation Can Require Several Attempts.

The major health problems associated with smoking make cessation efforts critical to improving women's overall health. The good news is that over 70 percent of women
who currently smoke want to quit, ${ }^{134}$ but the bad news is that successful cessation generally requires many attempts. ${ }^{135}$ On average, smokers try to quit 8-11 times before succeeding. ${ }^{136}$ While earlier studies suggested that women were less likely than men to succeed in quitting, since the late 1970s or early 1980s the likelihood of attempting to quit and the probability of succeeding have been equally high among women and men. ${ }^{137}$ Data also show that the majority of high school girls who regularly smoke want to quit smoking, and that Asian American youth in particular are more likely to report wanting to quit smoking than are white and Hispanic youth. ${ }^{138}$

## Pregnancy Is a Time when Many Women Quit Smoking, but Relapse Rates Are High.

A higher percentage of women-about one-third-quit smoking during pregnancy than at any other point in their lives, with the likelihood of quitting increasing as the level of education increases. ${ }^{139}$ But for many women, quitting smoking during pregnancy is only temporary; after giving birth, they are just as likely to relapse to smoking as nonpregnant smokers who have recently quit. In fact, several studies show that about 70 percent of women who had quit smoking during pregnancy had relapsed within one year of delivery, with the majority of women resuming smoking within six months after delivery. This pattern holds true regardless of age, race, education, or marital status. ${ }^{140}$ Some predictors of relapse include having a partner and/or friends who smoke, lack of confidence at mid-pregnancy in the ability to maintain cessation, and weight concerns. ${ }^{141}$

A recent study suggests that Hispanic women and women with incomes above the poverty level are the most likely to attempt quitting smoking while pregnant. ${ }^{142}$

## Various Physical, Psychological, and Social Factors Affect Cessation among Women and Girls.

Smoking cessation among women and girls is affected by a complex set of physical, psychological, and social factors, which need to be understood in order to provide effective cessation programs and policies for this population. National surveys indicate that the primary reasons women former smokers cited for wanting to quit were health, followed by pressure from family and friends, pregnancy,
and cost. Few studies have been conducted on the reasons girls want to quit smoking, but one study of 24 high schools in California and Illinois showed that the main reasons girls wanted to quit were requests to quit by a boyfriend, health concerns (i.e., someone close died from smoking or to live longer), a doctor's advice to quit, and cost. Reasons women cited most often for relapse to smoking include being nervous or tense, addiction, a stressful life event, pleasure, smoking by others, and weight gain. ${ }^{143}$

Several factors affecting smoking cessation are unique or more important to women. Some studies have shown that women are more likely than men to feel social pressure to quit. National surveys and studies also indicate that women may be more concerned about weight gain from smoking cessation, but that these concerns do not seem to interfere with actual smoking cessation. On average, women gain 6 to 12 pounds in the year after they quit smoking, although actual weight gain during cessation does not seem to lead to relapse. ${ }^{144}$ Moreover, weight gain can be countered with exercise and other stress relief measures as part of selfguided or structured cessation programs, and the health benefits of quitting dramatically outweigh the risks from any weight gain. ${ }^{145}$ Hormonal influences and pregnancy are also unique factors affecting cessation among women, but more research needs to be done on the nature of these effects. In addition, depression (more common among women than among men) is more likely to be a barrier to cessation for women than for men. Studies suggest that the use of antidepressants effect positive changes in brain chemistry that can help both depressed and non-depressed smokers quit, and that increased emotional support may be helpful to smokers with mood disorders who want to quit. ${ }^{146}$ Women are also more likely than men to indicate that social support is very important to cessation, even more important than concrete help in quitting smoking. ${ }^{147}$

## Women Are More Likely than Men to Prefer Certain Cessation Methods.

In general, a combination of counseling, social support, and medication have been shown to be effective in treating both men and women for tobacco dependence. ${ }^{148}$ But women are more interested than men in certain cessation methods, and research suggests differences in the effectiveness of particular treatments. Women tend to use more cessation strategies and to prefer a more gradual approach to cessation than do men. They are also slightly more likely than men to use an assisted method (counseling, self-help materials, nicotine
replacement therapies), to join smoking cessation groups, and to use intensive clinical treatment programs, which involve multiple sessions of individual or group treatment and are the most successful at promoting cessation. ${ }^{149}$ Women also show a preference for cessation programs that offer social support, which has been shown to increase the likelihood of cessation. ${ }^{150}$ Studies also show that girls are more likely than boys to respond to smoking cessation programs that include social support from family or peers. ${ }^{151}$ While some evidence suggests that nicotine replacement therapy may be less effective in women than in men, it is still effective and recommended for use in women. ${ }^{152}$

Social support helps smokers quit. Studies have shown that smokers are 50 percent more likely to quit with social support. ${ }^{153}$ To highlight the importance of social support in smoking cessation, particularly for women, the American Legacy Foundation has begun a new grassroots movement of people and partnering organizations called Circle of Friends. The program seeks to raise awareness of the toll tobacco takes on women and to provide resources for smokers seeking to quit and for friends and family members who want to support them. Circle of Friends consists of a toll-free telephone number that provides information and services to help smokers quit, website, grants initiative, and national advertising campaign. ${ }^{154}$

## Policies and Programs Are Needed to Foster Smoking Prevention and Cessation among Women and Girls.

Preventing and reducing tobacco use is a critical health objective for all women and girls. This section describes some of the policies and programs recommended by the government and health experts that states can adopt to help achieve this objective. Most of the policies identified are gender-neutral, but some are directed towards women or have different effects on women.

In general, prevention and cessation programs should be targeted to address differences among various population groups. For instance, they should be gender sensitive, taking into account why women start smoking, keep smoking, and how they quit. Programs focusing on smoking during pregnancy in particular must not increase the stigma, blame, or guilt women often feel about smoking while pregnant if they are to be effective.

In addition, smoking cessation and prevention messages should be tailored to account for beliefs about health, disease, behavior, and culture, as well as trends among different groups. In some cultures, cancer is seen as a punishment for bad deeds, ${ }^{155}$ or is taboo as a topic for discussion, ${ }^{156}$ and such beliefs may be more common among women than men. ${ }^{157}$ Tobacco use and sharing plays an important role in some cultures, serving social, spiritual, and medicinal purposes. ${ }^{158}$ Smoking prevention and cessation efforts must first acknowledge and be sensitive to such differences in race, culture, and tradition in order to be effective.

Messages on smoking and health must also reach audiences at all education levels. Certain policies or programs may be more effective among specific populations of women and girls. For example, women smokers of low socioeconomic status are more likely than women smokers of higher socioeconomic status to get information from television, and therefore, mass media campaigns may be a good way to target this population. Research also suggests that worksites may be a good way to reach these women. ${ }^{159}$ Information on the harms of smoking should be given to everyone in clear, simple terms, with guidance on steps they can take to improve their health.

## CDC Recommendations for Comprehensive Tobacco Control Programs

The CDC recommends that all states establish comprehensive tobacco control programs to address the devastating health effects of tobacco use by preventing youth from smoking, promoting cessation among all smokers, eliminating nonsmokers' exposure to second-hand smoke, and addressing disparities related to tobacco use and its effects among different population groups. Specifically, the CDC recommends that states fund multiple components of a comprehensive tobacco control program, based on published evidence-based practices as well as evidence of the effectiveness of two comprehensive state programs (California and Massachusetts) that have been funded primarily through tobacco excise taxes. The CDC also recommends specific funding ranges for each component for each state. ${ }^{160}$ The funding policy indicator in this Report Card measures whether each state is annually spending at least the CDC's recommended minimum for that state on a comprehensive tobacco control program.

California and Massachusetts: Tobacco Control
Programs Work. California and Massachusetts have demonstrated that effective tobacco control-through public education efforts, counter-marketing, community and school-based programs, and legislative initiatives-produces results. Unfortunately, these states as well as many others have recently made drastic cuts to their tobacco control funding due to current state fiscal crises. States cut funding for tobacco prevention and cessation programs by $\$ 86.2$ million, or 11.2 percent, in fiscal year 2003. The largest cuts were made in states with the most successful programs: California cut funding by 34.3 percent, and Massachusetts suffered a 90 percent cut that essentially ended the program. ${ }^{161}$

In 1990, California was one of the first states to use funds generated from its cigarette tax increase to launch a tobacco control program. Since California passed that tax increase in 1988, smoking has declined by more than 58 percent, about double the rate of decline in the rest of the U.S. ${ }^{162}$ The first seven years of the tobacco control program produced a health-related savings of $\$ 390$ million in medical costs from fewer smokingrelated illnesses. For every dollar the state spent on tobacco control, it saved $\$ 3$ in smoking-related health care costs. ${ }^{163}$

Like California, Massachusetts' tobacco control efforts have achieved much success. In 1992, Massachusetts voters approved the first of many increases in cigarette taxes. Part of the tax revenues, combined with tobacco settlement dollars, funded the Massachusetts Tobacco Control Program (MTCP) to focus on anti-smoking policy promotion and enforcement and targeted community smoking interventions. ${ }^{164}$ From the program's inception in 1993 through 2000, smoking declined by 36 percent in Massachusetts, compared to a decline of 16 percent in the rest of the country, excluding California. ${ }^{165}$ The program helped reduce total state health care spending by $\$ 85$ million annually, producing a savings of more than $\$ 2$ in smoking-related health care costs for every dollar spent by the state on tobacco control. ${ }^{166}$

## Cessation Treatment

The CDC recommends that states focus on smoking cessation as one component of a comprehensive tobacco control program, and all of the cessation policy indicators in this Report Card reflect this component. Specifically, the CDC recommends implementation of the 2000 Public Health Service Clinical Practice Guideline, Treating Tobacco Use and Dependence, which calls for health care providers and health delivery systems to identify and treat every tobacco user seen in a health care setting. The guideline states that all patients who smoke should be offered at least a brief intervention to motivate them to quit, and that those who are willing to quit should be provided with counseling and medication. ${ }^{167}$ Practical counseling (problem solving/skills training), social support as part of treatment, and help in getting social support outside of treatment have been shown to be particularly effective behavioral therapies, especially when they involve personal contact, and their effectiveness increases as the minutes of contact increase. The following pharmacotherapies, or medications, have been shown to be effective and are generally recommended for use in cessation: (1) nicotine gum (available over-thecounter); (2) nicotine patch (available over-the-counter); (3) nicotine inhaler; (4) nicotine nasal spray; (5) Bupropion SR, a non-nicotine antidepressant drug that helps smokers quit, although the mechanism by which it does so is not clear since it works equally well among smokers with or without a history of depression; and (6) the nicotine lozenge (available over-the-counter). ${ }^{168}$ These medications are not recommended for pregnant or lactating women, but may be used if other methods are not effective because the benefits of such treatment are likely to outweigh the risks from smoking during pregnancy. ${ }^{169}$

In addition, based on the recommendations of the Guide to Community Preventive Services, the CDC specifically recommends that states establish population-based treatment programs such as telephone quitlines, coverage of cessation treatment under public and private insurance, and the elimination of cost barriers to treatment for underserved populations, especially the uninsured. ${ }^{170}$ Many of these policies are more likely to affect women than men because women use the health care system more often. ${ }^{171}$

## Programs and Policies to Reduce Tobacco Use

The CDC also recommends that states implement community programs to reduce tobacco use. This component includes a wide range of education and prevention activities that include youth involvement, partnerships with local organizations, and policies protecting people from secondhand smoke and restricting access to tobacco products. ${ }^{172}$ The policy indicators in this Report Card that measure the strength of states' laws prohibiting second-hand smoke in indoor sites, the strength of states' laws restricting youth access to tobacco products, and states' sales rates of tobacco to minors reflect this recommended component. ${ }^{173}$

## Prevention and Cessation Programs and Policies: Differences for Women

Many of the policies identified in this Report Card are particularly effective among or supported by women. Women are more likely than men to understand that second-hand smoke has a significant harmful effect on health, and are more likely to report that they smoke less at work because of a worksite policy. ${ }^{175}$ Women are also more likely than men to support policies to prevent smoking among youth, restrict youth access to tobacco, and limit tobacco advertising and promotion, and to support tax increases if they benefit the community (e.g., if money is used to encourage smokers to stop smoking, to fund national health care, or to prevent the initiation of smoking among youth). ${ }^{176}$

In general, researchers have not found consistent genderspecific differences in the effectiveness of programs or policies designed to reduce tobacco use, but more research needs to be done because few studies have actually reported results by gender. In addition, more research needs to be conducted on the effectiveness of various smoking cessation programs among women by age, race and ethnicity, sexual orientation, socioeconomic status, disability, and geographic area.


Each report card begins with two statistics about the toll smoking takes on women's lives in that state (or in the nation for the national report card): smoking-attributable deaths among women and smoking-attributable years of potential life lost among women. ${ }^{177}$ Next, for each report card, national data and the overall state data for each health status indicator are presented, where available, followed by the grade and rank on that indicator. Data by race/ethnicity
for each status indicator are included where available and data by other categories, such as age or level of education, are included where relevant to the particular indicator. Each state report card also displays the strength of each of the policies reflected in the policy indicators. Finally, demographic data are presented, with the state report cards showing state demographic data alongside national figures. A federal policy agenda follows the national report card.


Demographics

| Demographics | Number | (Percent) |
| :---: | :---: | :---: |
|  | U.S. |  |
| Total Population of Women | 143,584,500 | (51.9\%) |
| Women by Race |  |  |
| White (non-Hispanic) | 99,298,461 | (69.2\%) |
| Black (non-Hispanic) | 18,537,763 | (12.9\%) |
| American Indian/Alaskan Native (non-Hispanic) | 1,441,671 | (1.0\%) |
| Asian/Pacific Islander (non-Hispanic) | 6,324,727 | (4.4\%) |
| Hispanic | 17,981,877 | (12.5\%) |
| Women by Age |  |  |
| 0-17 | 35,375,812 | (24.6\%) |
| 18-24 | 13,489,103 | (9.4\%) |
| 25-44 | 42,030,761 | (29.3\%) |
| 45-64 | 33,196,167 | (23.1\%) |
| 65+ | 19,492,657 | (13.6\%) |
| Lesbian-Headed Households | 293,365 | (0.28\%) |
| Median Earnings for Women (\$) | \$28,000 |  |
| Women Residing in-Urban Areas | 113,984,742 | (79.5\%) |
| -Rural Areas | 29,383,601 | (20.5\%) |
| Women (25 or older) by Education: |  |  |
| Less than 12 years | 14,877,627 | (15.7\%) |
| High School Graduate | 31,412,377 | (33.2\%) |
| Some College or Associate Degree | 25,038,018 | (26.4\%) |
| Bachelor's Degree | 16,098,968 | (17.0\%) |
| Graduate Degree | 7,292,595 | (7.7\%) |

## Federal Policy Agenda on Women And Smoking

The 2001 Surgeon General's report on women and smoking highlights smoking as a critical women's health issue, but the federal government can do far more to help prevent and reduce smoking among women and girls. Through national programs and assistance to the states, the federal government could establish public health policies and programs that would substantially reduce tobacco use.

Federal policies that regulate tobacco, promote cessation, monitor Internet sales, and fund research and data collection, among others, are critical to the reduction of tobacco use among women and girls. Specifically, the following federal policies would help protect and improve the health of women and girls:

## FDA Authority Over Tobacco Products

- Provide the U.S. Food and Drug Administration with meaningful authority to regulate all manufactured tobacco products, including authority to:
- Restrict tobacco industry marketing, particularly marketing that appeals to youth;
- Ensure that tobacco products are not sold illegally to youth;
- Require independent scientific testing of products and health claims;
- Oversee health warnings on tobacco product packages and advertisements;
- Prohibit unsubstantiated health claims or claims that discourage people from quitting or encourage them to start using tobacco (e.g., claims that "reduced risk" or "light" cigarettes, which appeal particularly to women, are less harmful); and
- Regulate the tobacco industry in the same way that it regulates other manufacturers of consumable products, including required disclosure of ingredients and additives and the reduction or elimination of harmful components when technologically possible.


## Cessation

- Adopt the recommendations of the Interagency Committee on Smoking and Health's Cessation Subcommittee Report, Preventing 3 Million Premature Deaths, Helping 5 Million Smokers Quit: A National Action Plan for Tobacco Cessation, ${ }^{178}$ including:
- An increase in the federal excise tax on tobacco;
- The creation of a national telephone quitline;
- The creation of a paid media campaign to counter the marketing of cigarettes by the tobacco industry; and
- The provision of a comprehensive tobacco cessation benefit ${ }^{179}$ to all federally-insured employees and their dependents.
- Develop and implement strategies to incorporate tobacco cessation curricula as part of the formal training of all health care providers and public health professionals.
- Develop and implement strategies that incorporate strong community involvement and culturally appropriate programs to address tobacco use in minority and medically underserved communities.


## Internet Sales

- Require Internet sellers to ensure that all state excise taxes have been paid on any cigarettes or smokeless tobacco they send into a state.
- Require Internet sellers to register with those states to which they are making sales and to comply with all state tobacco tax laws as if the Internet seller were based in the state.
- Require Internet retailers to verify the age of their customers using government issued identification checked against related databases, and require signature and age verification upon delivery.


## Funding

- Encourage states to fund tobacco control prevention and cessation programs to at least the CDC's minimum recommended levels to both provide and increase demand for cessation services and to decrease youth initiation.


## Research

- Focusing on the needs of specific populations of women and girls (by race/ethnicity, sexual orientation, disability, socioeconomic status, region, and age):
- Expand cessation research and demonstration projects conducted by the National Institutes of Health and the Centers for Disease Control and Prevention;
- Increase funding for research on smoking and health;
- Increase surveillance and monitoring of tobacco use; and
- Increase efforts to collect data on tobacco advertising and promotion practices.

| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOME |  | $\begin{aligned} & 753 \\ & 9,679 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 23.6 | 14.7 |  |  | 24.0 | 20.7 | 21.8 | F | 32 |
| Ages 18-24 | 33.5 | 10.0 |  |  |  | 24.0 | 27.0 |  |  |
| Ages 25-44 | 32.2 | 14.2 |  |  |  | 24.4 | 27.5 |  |  |
| Ages 45-64 | 19.8 | 25.0 |  |  |  | 21.4 | 21.4 |  |  |
| Ages 65+ | 10.2 | 5.2 |  |  |  | 9.2 | 9.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 22.7 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 12.6 | U | 23 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 15.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 47.6 | F | 34 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 59.0 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 52.1 | F | 49 |
| No Health Insurance (\%) | 13.7 | 21.8 |  |  |  | 17.0 | 16.2 | F | 31 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 71.1 | F | 37 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 62.3 | F | 30 |
|  | White | Black | American Indian/ <br> Alaskan <br> Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.1 | 30.0 |  |  |  | 40.7 | 38.0 | F | 13 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 109.7 | 41.8 |  |  |  | 103.5 | 95.7 | U | 17 |
| Coronary Heart Disease Death Rate (per 100,000) | 133.7 | 157.4 |  |  |  | 164.6 | 138.3 | U | 19 |
| Stroke Death Rate (per 100,000) | 65.4 | 83.1 |  |  |  | 61.5 | 69.0 | F | 40 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsati | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOS | VOME |  | $\begin{aligned} & 192 \\ & , 832 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | u.s. | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.3 | 19.8 | 39.3 | 8.8 | 21.9 | 20.7 | 26.2 | F | 48 |
| Ages 18-24 | 37.2 |  | 38.8 |  |  | 24.0 | 36.9 |  |  |
| Ages 25-44 | 25.0 |  | 42.3 | 10.1 | 20.1 | 24.4 | 27.3 |  |  |
| Ages 45-64 | 21.6 |  | 40.7 |  |  | 21.4 | 23.1 |  |  |
| Ages 65+ | 16.7 |  | 17.9 |  |  | 9.2 | 16.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 18.5 | F | 44 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 27.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 56.3 | F | 4 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 63.9 | U | 17 |
| No Health Insurance (\%) | 11.6 |  | 29.3 | 18.5 | 25.2 | 17.0 | 18.3 | F | 40 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 77.4 | F | 12 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 66.3 | F | 13 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.2 |  | 46.5 |  |  | 40.7 | 43.3 | F | 35 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 122.5 |  | 173.1 |  |  | 103.5 | 124.5 | F | 43 |
| Coronary Heart Disease Death Rate (per 100,000) | 96.2 |  | 88.6 |  |  | 164.6 | 94.0 | S- | 2 |
| Stroke Death Rate (per 100,000) | 60.8 |  | 101.7 |  |  | 61.5 | 68.1 | F | 38 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL | E LOST | NOMEI |  | $\begin{aligned} & 727 \\ & , 208 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.4 | 15.9 | 7.3 | 7.7 | 11.6 | 20.7 | 18.5 | U | 4 |
| Ages 18-24 | 31.0 |  |  |  | 17.6 | 24.0 | 24.5 |  |  |
| Ages 25-44 | 23.7 |  | 8.4 |  | 8.9 | 24.4 | 17.8 |  |  |
| Ages 45-64 | 25.9 |  | 5.0 |  | 11.8 | 21.4 | 23.0 |  |  |
| Ages 65+ | 9.9 |  |  |  | 11.7 | 9.2 | 10.1 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 6.9 | S- | 3 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 8.3 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 54.5 | F | 5 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 54.8 | F | 44 |
| No Health Insurance (\%) | 10.4 |  |  |  | 34.7 | 17.0 | 18.2 | F | 37 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 70.7 | F | 39 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 74.5 | U | 5 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.3 | 29.6 | 10.2 |  | 13.5 | 40.7 | 39.1 | F | 17 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 134.6 | 93.0 | 38.0 |  | 47.5 | 103.5 | 131.1 | F | 45 |
| Coronary Heart Disease Death Rate (per 100,000) | 141.9 | 204.2 | 108.8 | 81.5 | 131.8 | 164.6 | 141.9 | U | 20 |
| Stroke Death Rate (per 100,000) | 58.4 | 56.1 | 54.5 | 50.2 | 52.5 | 61.5 | 58.3 | U | 12 |




| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  | $\begin{array}{r} 1,777 \\ 31,267 \end{array}$ |  |  | U.S. State <br> Overall <br> Data <br> Data  |  | $\begin{aligned} & \text { State } \\ & \text { Grade } \\ & \hline \end{aligned}$ | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black (Non- Hispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic |  |  |  |  |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 25.3 | 18.2 | 37.0 |  | 20.2 | 20.7 | 24.4 | F | 44 |
| Ages 18-24 | 32.4 | 9.6 |  |  |  | 24.0 | 28.0 |  |  |
| Ages 25-44 | 32.6 | 21.6 |  |  | 19.8 | 24.4 | 30.6 |  |  |
| Ages 45-64 | 26.0 | 21.9 |  |  |  | 21.4 | 25.9 |  |  |
| Ages 65+ | 11.2 | 9.9 |  |  |  | 9.2 | 11.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 32.1 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 18.2 | F | 42 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 22.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 42.6 | F | 49 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 61.0 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 53.1 | F | 46 |
| No Health Insurance (\%) | 19.3 | 31.0 |  |  |  | 17.0 | 21.5 | F | 46 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\begin{array}{ll}\text {-At Work (\%) } \\ \text {-At Home (\%) }\end{array}$ |  |  |  |  |  | 74.1 | 69.1 | F | 45 |
|  |  |  |  |  |  | 64.5 | 53.5 | F | 48 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.0 | 36.6 |  |  |  | 40.7 | 43.8 | F | 36 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 110.8 | 46.1 |  |  |  | 103.5 | 103.4 | U | 27 |
| Coronary Heart Disease Death Rate (per 100,000) | 150.5 | 217.3 |  |  |  | 164.6 | 157.8 | F | 28 |
| Stroke Death Rate (per 100,000) | 80.8 | 107.6 |  |  |  | 61.5 | 83.7 | F | 51 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | S- Satisfactory Minus |  |  | U Unsatisfactory |  | F Fail |  |  |  |



SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

15,613
258,273

| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 16.9 | 21.4 | 20.2 | 5.5 | 9.8 | 20.7 | 14.6 | S- | 2 |
| Ages 18-24 | 24.8 | 11.6 |  |  | 12.5 | 24.0 | 18.2 |  |  |
| Ages 25-44 | 20.5 | 25.9 |  | 3.9 | 10.1 | 24.4 | 16.0 |  |  |
| Ages 45-64 | 17.3 | 26.5 |  | 2.1 | 8.1 | 21.4 | 15.4 |  |  |
| Ages 65+ | 7.8 |  |  |  | 8.5 | 9.2 | 7.6 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 20.4 |  |  |
| Smoking During Pregnancy, All Ages (\%)* |  |  |  |  |  | 12.2 | 9.8 | U | 15 |
| Ages 15-19 |  |  |  |  |  | 18.1 |  |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 53.5 | F | 8 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 56.8 | F | 42 |
| No Health Insurance (\%) | 12.8 | 17.2 | 28.1 | 19.6 | 36.9 | 17.0 | 21.7 | F | 47 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 80.9 | U | 4 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 78.1 | U | 2 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.3 | 43.3 | 16.7 | 20.4 | 13.3 | 40.7 | 38.2 | F | 15 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 124.5 | 89.8 | 51.1 | 40.8 | 38.0 | 103.5 | 114.7 | F | 36 |
| Coronary Heart Disease Death Rate (per 100,000) | 173.7 | 255.5 | 75.2 | 105.0 | 119.1 | 164.6 | 172.5 | F | 38 |
| Stroke Death Rate (per 100,000) | 61.7 | 86.8 | 27.2 | 53.8 | 41.7 | 61.5 | 62.6 | U | 27 |

*California data for this indicator are from a different source than that for all other states.

| Grading Key for Status Indicators | S | Satisfactory | S- | Satisfactory Minus | U | Unsatisfactory | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



| Demographics | Number | (Percent) | Number ( | (Percent) |
| :---: | :---: | :---: | :---: | :---: |
|  | California |  | U.S. |  |
| Total Population of Women | 17,284,443 | (51.0\%) | 143,584,500 | (51.9\%) |
| Women by Race |  |  |  |  |
| White (non-Hispanic) | 8,033,324 | (46.5\%) | 99,298,461 | (69.2\%) |
| Black (non-Hispanic) | 1,049,326 | (6.1\%) | 18,537,763 | (12.9\%) |
| American Indian/Alaskan Native |  |  |  |  |
| (non-Hispanic) | 202,244 | (1.2\%) | 1,441,671 | (1.0\%) |
| Asian/Pacific Islander (non-Hispanic) | ) $2,314,445$ | (13.4\%) | 6,324,727 | (4.4\%) |
| Hispanic | 5,685,105 | (32.9\%) | 17,981,877 | (12.5\%) |
| Women by Age |  |  |  |  |
| 0-17 | 4,782,510 | (27.7\%) | 35,375,812 | (24.6\%) |
| 18-24 | 1,726,086 | (10.0\%) | 13,489,103 | (9.4\%) |
| 25-44 | 5,276,242 | (30.5\%) | 42,030,761 | (29.3\%) |
| 45-64 | 3,610,343 | (20.9\%) | 33,196,167 | (23.1\%) |
| 65+ | 1,889,263 | (10.9\%) | 19,492,657 | (13.6\%) |
| Lesbian-Headed Households | 42,524 | (0.37\%) | 293,365 | (0.28\%) |
| Median Earnings for Women (\$) | \$30,000 |  | \$28,000 |  |
| Women Residing in-Urban Areas | 16,084,388 | (94.6\%) | 113,984,742 | (79.5\%) |
| -Rural Areas | 912,368 | (5.4\%) | 29,383,601 | (20.5\%) |
| Women (25 or older) by Education: |  |  |  |  |
| Less than 12 years | 2,108,582 | (19.6\%) | 14,877,627 | (15.7\%) |
| High School Graduate | 2,658,134 | (24.7\%) | 31,412,377 | (33.2\%) |
| Some College or Associate Degree | 3,148,488 | (29.2\%) | 25,038,018 | (26.4\%) |
| Bachelor's Degree | 2,029,045 | (18.8\%) | 16,098,968 | (17.0\%) |
| Graduate Degree | 831,598 | (7.7\%) | 7,292,595 | (7.7\%) |

$\square$







| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  |  | $\begin{array}{r} 272 \\ 5,453 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 15.8 | 21.2 |  |  | 17.3 | 20.7 | 18.9 | U | 8 |
| Ages 18-24 | 30.8 | 21.7 |  |  |  | 24.0 | 24.5 |  |  |
| Ages 25-44 | 17.4 | 22.7 |  |  | 20.0 | 24.4 | 20.3 |  |  |
| Ages 45-64 | 11.7 | 27.7 |  |  |  | 21.4 | 21.9 |  |  |
| Ages 65+ | 6.9 | 9.0 |  |  |  | 9.2 | 7.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 12.3 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 2.6 | S- | 1 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 3.8 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 54.5 | F | 5 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 62.2 | U | 22 |
| No Health Insurance (\%) | 6.6 | 12.4 |  |  | 36.4 | 17.0 | 12.5 | U | 18 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 77.7 | F | 10 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 61.5 | F | 32 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 30.4 | 47.6 |  |  |  | 40.7 | 42.0 | F | 30 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 77.1 | 60.9 |  |  |  | 103.5 | 65.4 | S- | 2 |
| Coronary Heart Disease Death Rate (per 100,000) | 120.3 | 213.3 |  |  |  | 164.6 | 182.1 | F | 45 |
| Stroke Death Rate (per 100,000) | 43.6 | 62.3 |  |  |  | 61.5 | 56.5 | U | 9 |
| Grading Key for Status Indicators $\quad$ s Satisfactory | s- Sat | actory M |  | Unsatis | tory | F Fa |  |  |  |



| Current Smoking, Adults (\%) | 23.1 | 14.5 | 30.8 | 11.7 | 12.8 | 20.7 | 20.2 | U | 15 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ages 18-24 | 31.4 | 5.2 |  |  | 8.5 | 24.0 | 21.8 |  |  |
| Ages 25-44 | 33.4 | 18.6 |  | 12.8 | 16.9 | 24.4 | 27.6 |  |  |
| Ages 45-64 | 23.7 | 16.4 |  |  | 12.4 | 21.4 | 20.9 |  |  |
| Ages 65+ | 9.7 | 5.5 |  |  | 5.7 | 9.2 | 8.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 22.9 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.5 | U | 13 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 13.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 49.0 | F | 28 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 56.5 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 60.3 | U | 31 |
| No Health Insurance (\%) | 14.2 | 24.9 |  | 13.9 | 37.6 | 17.0 | 20.7 | F | 45 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 74.3 | F | 21 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 70.0 | F | 9 |
|  | White | Black | $\begin{aligned} & \text { American } \\ & \text { Indian/ } \\ & \text { Alaskan } \\ & \text { Native } \end{aligned}$ | Asian Paciic Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 44.4 | 32.3 |  | 14.2 | 14.9 | 40.7 | 43.0 | F | 33 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 109.8 | 62.0 |  |  | 63.9 | 103.5 | 106.2 | U | 29 |
| Coronary Heart Disease Death Rate (per 100,000) | 162.8 | 246.9 | 56.1 | 61.8 | 156.0 | 164.6 | 168.6 | F | 33 |
| Stroke Death Rate (per 100,000) | 48.2 | 92.9 |  | 29.1 | 33.1 | 61.5 | 51.4 | S- | 6 |


| Grading Key for Status Indicators | S | Satisfactory | S- | Satisfactory Minus | U | Unsatisfactory | F | Fail |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Policy Indicators | Strenth | Demographics | Number (Percent) |  | Number (Percent) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Cessation: |  | Total Population of Women | Florida |  | ${ }_{\text {14,584,500 }}^{\text {U.51.998) }}$ |
| Telephone Quititin (1-877-U.CAN-NOW) |  |  | 8,188,652 | (51.8\%) |  |
| Pregnancy-Specific Counseling on Telephone Quitine |  | White (non-Hispanic) | 5,246,184 | (64.1\%) | 99,298,461 (69.2\%) |
|  |  | Black ( (on-Hispanic) | 1,183,844 | (14.5\%) | 18,537,763 (12.9\%) |
| Medicaid Smoking Cessation Coverage |  | American Indian/Alas |  |  |  |
|  |  | (non-Hispanic) | 44,618 | (0.5\%) | 1,441,671 (1.0\%) |
|  |  | AsianPacaitic slander ( hoon-Hispanic |  |  | 6,324,727 (4.46) |
| Medicaid Coverage of Pregnany-Spectic Counseling |  |  | 1,549,307 | (18.9\%) | 17,88, ,877 (12.5\%) |
| Private Insurance Smoking Cessation Coverage |  | $\begin{aligned} & \text { Hispanic } \\ & \text { Women by Age } \end{aligned}$ |  |  |  |
|  |  | 0.17 | 1,790,267 | (21.9\%) | 35,375,812 (24.6\%) |
|  |  | 18.24 | 67,645 |  | 13,489,103 (9.4\%) |
| Second-Hand Smoke: |  | 45.64 | 2,324,072 |  | 42,030,761 (29.3\%) |
| Restrictions on Second-Hand Smoke |  |  | 1,888,830 |  | 33,196,167 (23.1\%) |
|  |  | ${ }^{65+}$ | 1,500,838 | (18.4\%) | 19,492,657 (13.6\%) |
| Tax: |  |  | 18,060 | (0.28\%) | 293,365 00.2 |
| ${ }_{\text {Tax: }}^{\text {Cigaretete Excise Tax }}$ |  | Women Residing in-Urban Areas | \$22,000 |  | 528,000 |
|  |  |  |  |  | 113,984,742 (79.5\%) |
| Funding: |  |  |  |  | 29,883,60 (20.5\%) |
| Tobacco Prevention Funding |  | Womes (tas or oldern by Education: | 900.529 | (15.7\%) | 14,877,627 (15.7\%) |
|  |  | High School Graduate | 1,975,199 |  | 31,412,377( $33.2 \%$ ) |
| Youth Access: |  | Some College or Associate Degree | 1,532,023 | (22.8\%) | 25,038,018 (26.4\%) |
| Tobaco Sales Rate to Minors |  | Bacheor's Degree | 940,268 |  | 16,098,968 (17.0\%) |
|  |  | Graduate Degree | 371,723 | (6.5\%) | 7,292,595 (7.7\%) |
| Youth Access Restrictions |  |  |  |  |  |
| Crading Key for Policy Indicators |  | Weak Policy | Minim | ma/No Po |  |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOME |  | $\begin{aligned} & 3,826 \\ & 1,265 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (Non- <br> Hispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | $\begin{aligned} & \text { State } \\ & \text { Rank } \end{aligned}$ |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 23.6 | 14.0 |  |  | 25.4 | 20.7 | 20.8 | F | 22 |
| Ages 18-24 | 32.0 | 6.4 |  |  |  | 24.0 | 22.8 |  |  |
| Ages 25-44 | 28.6 | 15.4 |  |  | 28.9 | 24.4 | 24.1 |  |  |
| Ages 45-64 | 22.9 | 17.7 |  |  |  | 21.4 | 21.6 |  |  |
| Ages 65+ | 10.1 | 9.6 |  |  |  | 9.2 | 9.7 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 8.4 | S- | 8 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 12.3 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 53.5 | F | 8 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 54.9 | F | 43 |
| No Health Insurance (\%) | 16.0 | 22.6 |  |  |  | 17.0 | 18.0 | F | 36 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 72.1 | F | 31 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 65.4 | F | 17 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 42.2 | 30.4 |  |  |  | 40.7 | 39.3 | F | 20 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 114.8 | 51.4 |  |  |  | 103.5 | 100.7 | U | 22 |
| Coronary Heart Disease Death Rate (per 100,000) | 139.8 | 178.2 |  | 79.9 | 30.2 | 164.6 | 147.5 | U | 22 |
| Stroke Death Rate (per 100,000) | 68.7 | 87.6 |  | 42.0 | 22.0 | 61.5 | 72.7 | F | 46 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | LOS | WOMEI |  | $\begin{aligned} & 325 \\ & , 303 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \\ & \hline \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | u.s. Data | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Grade } \\ & \hline \end{aligned}$ | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.6 | 9.0 | 29.0 | 10.2 | 20.6 | 20.7 | 16.6 | S- | 3 |
| Ages 18-24 | 22.7 |  | 34.7 | 19.8 | 26.3 | 24.0 | 24.5 |  |  |
| Ages 25-44 | 19.2 |  | 33.2 | 11.7 | 22.2 | 24.4 | 18.5 |  |  |
| Ages 45-64 | 23.7 |  | 26.2 | 11.7 | 17.6 | 21.4 | 17.8 |  |  |
| Ages 65+ | 9.7 |  | 12.7 | 3.5 | 3.2 | 9.2 | 6.2 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 18.0 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 7.8 | S- | 4 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 13.1 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 65.2 | S- | 1 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 68.6 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 68.3 | S- | 6 |
| No Health Insurance (\%) | 8.1 |  |  | 11.4 |  | 17.0 | 10.6 | U | 8 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 72.6 | F | 29 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 70.0 | F | 9 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 33.4 |  |  | 26.1 |  | 40.7 | 27.8 | S- | 2 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 84.2 |  |  | 35.9 |  | 103.5 | 49.6 | S | 1 |
| Coronary Heart Disease Death Rate (per 100,000) | 85.7 |  |  | 98.1 | 91.2 | 164.6 | 93.9 | S | 1 |
| Stroke Death Rate (per 100,000) | 42.4 |  |  | 63.7 | 41.3 | 61.5 | 57.1 | U | 10 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsati | tory | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{aligned} & 571 \\ & , 782 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.8 |  | 40.3 |  | 19.1 | 20.7 | 20.3 | F | 16 |
| Ages 18-24 | 22.2 |  |  |  | 19.4 | 24.0 | 24.2 |  |  |
| Ages 25-44 | 25.2 |  | 32.2 |  | 19.8 | 24.4 | 25.0 |  |  |
| Ages 45-64 | 19.0 |  |  |  | 18.7 | 21.4 | 19.4 |  |  |
| Ages 65+ | 10.0 |  |  |  |  | 9.2 | 10.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 17.1 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 12.6 | U | 23 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 22.9 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 45.4 | F | 40 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 66.3 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 61.9 | U | 24 |
| No Health Insurance (\%) | 15.8 |  |  |  | 53.3 | 17.0 | 18.3 | F | 38 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 76.5 | F | 15 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 75.8 | U | 3 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 32.9 |  |  |  |  | 40.7 | 32.8 | U | 7 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 113.8 |  |  |  |  | 103.5 | 112.3 | F | 33 |
| Coronary Heart Disease Death Rate (per 100,000) | 117.5 |  |  |  | 75.3 | 164.6 | 116.9 | S- | 9 |
| Stroke Death Rate (per 100,000) | 67.9 |  |  |  |  | 61.5 | 68.0 | F | 37 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | LOST | NOME | $\begin{gathered} 7,546 \\ 127,528 \end{gathered}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.8 | 20.6 |  | 6.0 | 16.0 | 20.7 | 20.9 | F | 24 |
| Ages 18-24 | 33.0 | 10.4 |  |  | 13.1 | 24.0 | 25.5 |  |  |
| Ages 25-44 | 26.8 | 24.8 |  | 9.3 | 15.6 | 24.4 | 24.6 |  |  |
| Ages 45-64 | 22.2 | 22.5 |  |  | 21.5 | 21.4 | 22.0 |  |  |
| Ages 65+ | 8.6 | 14.3 |  |  |  | 9.2 | 9.6 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 26.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 10.9 | U | 18 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 16.0 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 48.5 | F | 30 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 62.4 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 63.3 | U | 18 |
| No Health Insurance (\%) | 11.3 | 23.8 |  | 19.3 | 31.1 | 17.0 | 16.6 | F | 32 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 74.0 | F | 24 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 58.1 | F | 41 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.3 | 49.8 |  | 9.1 | 9.8 | 40.7 | 40.8 | F | 24 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 96.3 | 71.8 |  | 31.6 | 27.9 | 103.5 | 93.0 | U | 14 |
| Coronary Heart Disease Death Rate (per 100,000) | 162.0 | 230.6 |  | 68.2 | 67.2 | 164.6 | 168.8 | F | 35 |
| Stroke Death Rate (per 100,000) | 60.2 | 73.2 |  | 34.2 | 26.3 | 61.5 | 61.9 | U | 25 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | LOST | WOMEI |  | $\begin{aligned} & 1,139 \\ & 1,042 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 25.1 | 22.7 |  |  | 17.0 | 20.7 | 24.8 | F | 46 |
| Ages 18-24 | 36.7 | 13.2 |  |  |  | 24.0 | 34.0 |  |  |
| Ages 25-44 | 31.2 | 30.7 |  |  | 18.7 | 24.4 | 30.8 |  |  |
| Ages 45-64 | 22.1 | 22.8 |  |  |  | 21.4 | 22.2 |  |  |
| Ages 65+ | 12.2 | 8.7 |  |  |  | 9.2 | 11.8 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 27.5 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 20.3 | F | 48 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 30.3 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 48.7 | F | 29 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 63.0 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 57.4 | F | 38 |
| No Health Insurance (\%) | 12.0 | 20.7 |  |  |  | 17.0 | 13.4 | U | 22 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 66.8 | F | 47 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 53.6 | F | 47 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.2 | 56.5 |  |  |  | 40.7 | 45.7 | F | 41 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 120.0 | 81.6 |  |  |  | 103.5 | 117.3 | F | 38 |
| Coronary Heart Disease Death Rate (per 100,000) | 160.1 | 204.5 |  |  | 70.7 | 164.6 | 162.2 | F | 30 |
| Stroke Death Rate (per 100,000) | 68.1 | 89.5 |  |  | 26.1 | 61.5 | 69.3 | F | 42 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



GRADE F RANK 30

| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  | $\begin{array}{r} 1,683 \\ 27,390 \end{array}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (Non- <br> Hispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | $\begin{aligned} & \text { State } \\ & \text { Rank } \end{aligned}$ |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 20.2 | 29.3 |  |  | 31.6 | 20.7 | 20.6 | F | 19 |
| Ages 18-24 | 37.2 |  |  |  |  | 24.0 | 37.1 |  |  |
| Ages 25-44 | 24.7 |  |  |  |  | 24.4 | 25.4 |  |  |
| Ages 45-64 | 19.0 |  |  |  |  | 21.4 | 19.3 |  |  |
| Ages 65+ | 6.9 |  |  |  |  | 9.2 | 7.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 29.5 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 17.5 | F | 38 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 32.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.8 | F | 20 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 56.7 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 50.1 | F | 50 |
| No Health Insurance (\%) | 9.3 |  |  |  | 20.8 | 17.0 | 10.5 | U | 6 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 75.1 | F | 19 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 58.0 | F | 42 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 35.4 | 62.2 |  |  |  | 40.7 | 35.6 | U | 10 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 91.9 |  |  |  |  | 103.5 | 91.6 | U | 12 |
| Coronary Heart Disease Death Rate (per 100,000) | 162.7 | 231.5 |  |  | 58.5 | 164.6 | 163.5 | F | 31 |
| Stroke Death Rate (per 100,000) | 60.6 | 74.7 |  |  |  | 61.5 | 60.7 | U | 22 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsati | ctory | F Fa |  |  |  |





| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{aligned} & 2,961 \\ & 3,850 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 27.8 | 30.4 |  |  | 32.2 | 20.7 | 28.0 | F | 50 |
| Ages 18-24 | 34.3 | 17.6 |  |  |  | 24.0 | 33.3 |  |  |
| Ages 25-44 | 35.0 | 35.2 |  |  |  | 24.4 | 34.8 |  |  |
| Ages 45-64 | 27.2 | 37.9 |  |  |  | 21.4 | 28.0 |  |  |
| Ages 65+ | 12.0 | 16.7 |  |  |  | 9.2 | 12.3 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 34.1 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 24.6 | F | 50 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 35.0 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.4 | F | 22 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 55.3 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 57.6 | F | 36 |
| No Health Insurance (\%) | 16.1 | 19.1 |  |  |  | 17.0 | 17.2 | F | 35 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 63.7 | F | 50 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 43.1 | F | 51 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific <br> Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 51.3 | 62.5 |  |  |  | 40.7 | 51.7 | F | 50 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 125.9 | 94.2 |  |  |  | 103.5 | 123.8 | F | 42 |
| Coronary Heart Disease Death Rate (per 100,000) | 169.9 | 194.3 |  |  | 121.6 | 164.6 | 170.8 | F | 37 |
| Stroke Death Rate (per 100,000) | 68.5 | 75.9 |  |  |  | 61.5 | 68.9 | F | 39 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |

$\square$

| Demographics | Number (Percent) |  | Number (Percent) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Kentucky |  | U.S. |  |
| Total Population of Women | 2,088,380 | (52.8\%) | 143,584,500 | (51.9\%) |
| Women by Race |  |  |  |  |
| White (non-Hispanic) | 1,856,652 | (88.9\%) | 99,298,461 | (69.2\%) |
| Black (non-Hispanic) | 168,724 | (8.1\%) | 18,537,763 | (12.9\%) |
| American Indian/Alaskan Native |  |  |  |  |
| (non-Hispanic) | 2,935 | (0.1\%) | 1,441,671 | (1.0\%) |
| Asian/Pacific Islander (non-Hispanic) | 20,696 | (1.0\%) | 6,324,727 | (4.4\%) |
| Hispanic | 39,372 | (1.9\%) | 17,981,877 | (12.5\%) |
| Women by Age |  |  |  |  |
| 0-17 | 503,377 | (24.1\%) | 35,375,812 | (24.6\%) |
| 18-24 | 214,483 | (10.3\%) | 13,489,103 | (9.4\%) |
| 25-44 | 585,957 | (28.1\%) | 42,030,761 | (29.3\%) |
| 45-64 | 505,394 | (24.2\%) | 33,196,167 | (23.1\%) |
| 65+ | 279,170 | (13.4\%) | 19,492,657 | (13.6\%) |
| Lesbian-Headed Households | 3,804 | (0.24\%) | 293,365 | (0.28\%) |
| Median Earnings for Women (\$) | \$25,000 |  | \$28,000 |  |
| Women Residing in-Urban Areas | 1,170,320 | (56.6\%) | 113,984,742 | (79.5\%) |
| -Rural Areas | 896,081 | (43.4\%) | 29,383,601 | (20.5\%) |
| Women (25 or older) by Education: |  |  |  |  |
| Less than 12 years | 268,382 | (19.6\%) | 14,877,627 | (15.7\%) |
| High School Graduate | 496,262 | (36.2\%) | 31,412,377 | (33.2\%) |
| Some College or Associate Degree | 330,577 | (24.1\%) | 25,038,018 | (26.4\%) |
| Bachelor's Degree | 162,379 | (11.8\%) | 16,098,968 | (17.0\%) |
| Graduate Degree | 112,920 | (8.2\%) | 7,292,595 | (7.7\%) | Limited Policy $\square$ Weak Policy $\square$ Minimal/No Policy


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) |  |  |  | 2,536 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  |  | 46,834 |  |  |  |  |  |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.0 | 14.7 | 36.5 |  | 24.3 | 20.7 | 21.2 | F | 28 |
| Ages 18-24 | 35.6 | 4.6 |  |  |  | 24.0 | 24.4 |  |  |
| Ages 25-44 | 30.2 | 18.9 |  |  | 28.5 | 24.4 | 26.5 |  |  |
| Ages 45-64 | 22.7 | 16.1 |  |  | 18.4 | 21.4 | 20.9 |  |  |
| Ages 65+ | 8.7 | 11.4 |  |  |  | 9.2 | 8.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 23.0 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.4 | U | 11 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 10.8 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 48.4 | F | 31 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 63.8 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 61.0 | U | 27 |
| No Health Insurance (\%) | 23.8 | 31.6 |  |  |  | 17.0 | 24.7 | F | 49 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\begin{aligned} & \text {-At Work (\%) } \\ & \text {-At Home (\%) }\end{aligned}$ |  |  |  |  |  | 74.1 | 69.5 | F | 43 |
|  |  |  |  |  |  | 64.5 | 59.0 | F | 36 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 44.8 | 42.7 |  |  | 15.5 | 40.7 | 44.1 | F | 37 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 102.3 | 53.3 |  |  |  | 103.5 | 90.2 | U | 9 |
| Coronary Heart Disease Death Rate (per 100,000) | 169.4 | 207.1 |  | 80.5 | 71.2 | 164.6 | 178.7 | F | 42 |
| Stroke Death Rate (per 100,000) | 61.1 | 85.9 |  |  | 28.7 | 61.5 | 67.4 | F | 35 |
| Grading Key for Status Indicators $\quad$ s Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fa |  |  |  |



GRADE F RANK 33

| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOM |  | $\begin{gathered} 922 \\ 4,963 \end{gathered}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.1 |  |  |  | 18.9 | 20.7 | 21.1 | F | 27 |
| Ages 18-24 | 28.6 |  |  |  |  | 24.0 | 27.7 |  |  |
| Ages 25-44 | 27.5 |  |  |  |  | 24.4 | 27.3 |  |  |
| Ages 45-64 | 19.1 |  |  |  |  | 21.4 | 19.4 |  |  |
| Ages 65+ | 8.8 |  |  |  |  | 9.2 | 9.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 26.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 17.9 | F | 39 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 36.6 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 51.5 | F | 17 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 62.7 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 63.2 | U | 19 |
| No Health Insurance (\%) | 11.5 |  |  |  |  | 17.0 | 12.1 | U | 13 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 79.5 | U | 7 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 59.6 | F | 35 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 48.3 |  |  |  |  | 40.7 | 48.3 | F | 47 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 130.3 |  |  |  |  | 103.5 | 130.0 | F | 44 |
| Coronary Heart Disease Death Rate (per 100,000) | 150.1 |  |  |  |  | 164.6 | 150.2 | U | 24 |
| Stroke Death Rate (per 100,000) | 58.5 |  |  |  |  | 61.5 | 58.4 | U | 13 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sat | actory M |  | Unsatis | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | LOST | WOME |  | $\begin{array}{r} , 844 \\ 3,927 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | $\begin{aligned} & \text { White } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | $\begin{gathered} \text { Black } \\ \text { Hisponic) } \\ \text { Hispar } \end{gathered}$ | American Indian/ Alaskan (NonHispanic) | $\begin{gathered} \text { Asian/ } \\ \text { Pacific } \\ \text { Islander } \\ \text { (Non- } \\ \text { Hispanic) } \end{gathered}$ | Hispanic | $\begin{gathered} \text { u.s. } \\ \text { Data } \end{gathered}$ | $\begin{gathered} \text { State } \\ \text { Overall } \\ \text { Data } \end{gathered}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.5 | 18.6 |  | 5.2 | 16.0 | 20.7 | 18.7 | U | 6 |
| Ages 18-24 | 32.6 | 13.4 |  |  |  | 24.0 | 25.7 |  |  |
| Ages 25-44 | 22.6 | 17.9 |  | 4.0 | 13.0 | 24.4 | 20.1 |  |  |
| Ages 45-64 | 19.4 | 23.8 |  |  | 16.1 | 21.4 | 19.8 |  |  |
| Ages 65+ | 8.0 | 13.6 |  |  |  | 9.2 | 8.7 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 23.8 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.3 | U | 10 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 14.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.2 | F | 25 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 62.9 | U | 20 |
| No Health Insurance (\%) | 10.5 | 14.7 |  | 15.3 | 32.5 | 17.0 | 12.2 | U | 14 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 83.3 | U | 2 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 69.0 | F | 11 |
|  | White | Black | $\begin{aligned} & \text { American } \\ & \text { Indian/ } \\ & \text { Alaskan } \\ & \text { Native } \end{aligned}$ | $\begin{aligned} & \text { Asian/ } \\ & \text { Pacific } \\ & \text { Islander } \\ & \hline \end{aligned}$ | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.9 | 45.5 |  | 13.3 |  | 40.7 | 44.9 | F | 40 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 113.6 | 64.9 |  |  |  | 103.5 | 103.3 | U | 26 |
| Coronary Heart Disease Death Rate (per 100,000) | 159.1 | 208.9 |  | 64.5 |  | 164.6 | 167.7 | F | 32 |
| Stroke Death Rate (per 100,000) | 57.1 | 72.0 |  | 49.6 |  | 61.5 | 60.6 | U | 21 |
| Grading Key for Status Indicators S Satisfactory | s- ${ }^{\text {a }}$ | actory M |  | Unsati | tory | = F |  |  |  |


| Policy Indicators | Strength of Policy | Demographics | Number (Percent) |  | Number (Percent) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cessation: |  | Total Population of Women | Maryland |  | U.S. |  |
| Telephone Quitline |  |  | 2,741,062 (52.5\%) |  | 143,584,500 (51.9\%) |  |
| Pregnancy-Specific Counseling on Telephone Quitline |  | Women by Race |  |  |  |  |
|  |  | White (non-Hispanic)Black (non-Hispanic) | 1,700,901 | (62.1\%) | 99,298,461 | (69.2\%) |
|  |  |  | 766,399 | (28.0\%) | 18,537,763 (12.9\%) |  |
| Medicaid Smoking Cessation Coverage |  | American Indian/Alaskan Native |  |  |  |  |
|  |  | (non-Hispanic) | 20,459 (0.7\%) |  | 1,441,671 (1.0\%) |  |
| - |  | Asian/Pacific Islander (non-Hispanic) | 116,666 | (4.3\%) | 6,324,727 | (4.4\%) |
| Medicaid Coverage of Pregnancy-Specific Counseling |  | Hispanic | 136,637 (5.02 |  |  |  |
|  |  | Women by Age |  |  | 17,981,877 (12.5\%) |  |
| Private Insurance Smoking Cessation Coverage |  | 0-17$18-24$ | 697,712 (25.5\%)198,019 (7.2\%) |  | 35,375,812 (24.6\%) |  |
|  |  |  |  |  | 13,489,103 (9.4\%) |  |
| Second-Hand Smoke: |  | 25-44 | 783,246 (28.6\%) |  | 42,030,761 (29.3\%) |  |
| Second-Hand Smoke: Restrictions on Second-Hand Smoke |  |  | 686,450 | (25.0\%) | 33,196,167 (23.1\%) |  |
|  |  | $\frac{65+}{\text { Lesbian-Headed Households }}$ | 375,634 | (13.7\%) |  |  |
| Tax: |  |  | 6,013 | (0.30\%) | $19,492,657(13.6 \%)$$293,365(0.28 \%)$ |  |
| Cigarette Excise Tax |  | Median Earnings for Women (\$) Women Residing in-Urban Areas | \$35,000 |  | \$28,000 |  |
|  |  | 2,368,975 | (86.5\%) | 113,984,742 | (79.5\%) |
| Funding: |  |  | -Rural Areas | 369,717 | (13.5\%) | 29,383,601 (20.5\%) |  |
|  |  | $\frac{\text { Women ( } 25 \text { or older) by Education: }}{\text { Less than } 12 \text { years }}$ |  |  |  |  |
| Tobacco Prevention Funding |  |  | 213,735 | (11.6) | 14,877,627 (15.7\%) |  |
|  |  | High School Graduate | 555,610 (30.1\%) |  | 31,412,377 (33.2\%) |  |
| Youth Access: |  | Some College or Associate Degree | 436,569387,441(23.7\%)(21.0\%) |  | 25,038,018 (26.4\%)$16,098,968(17.0 \%)$ |  |
| Vouth Access: Sales Rate to Minors |  | Bachelor's Degree Graduate Degree |  |  |  |  |
|  |  |  | 251,975 (13.7\%) |  | 7,292,595 (7.7\% |  |
| Youth Access Restrictions |  |  |  |  |  |  |
| Grading Key for Policy Indicators | Limited Policy $\square$ Weak Policy $\square$ |  | $\square$ Minimal/No Policy |  |  |  |




SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

5,857
105,266

| Status Indicators (Women) | White (NonHispanic) | Black (NonHispanic | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 23.1 | 26.1 |  | 4.4 | 24.4 | 20.7 | 23.6 | F | 41 |
| Ages 18-24 | 36.7 | 10.0 |  |  |  | 24.0 | 31.5 |  |  |
| Ages 25-44 | 28.1 | 30.9 |  |  | 28.9 | 24.4 | 28.7 |  |  |
| Ages 45-64 | 21.7 | 31.5 |  |  |  | 21.4 | 23.1 |  |  |
| Ages 65+ | 9.0 | 16.8 |  |  |  | 9.2 | 9.6 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 27.2 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 15.8 | F | 32 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 24.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 58.9 | U | 2 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 68.3 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 69.9 | S- | 5 |
| No Health Insurance (\%) | 10.1 | 18.7 |  | 13.6 | 21.6 | 17.0 | 12.0 | U | 12 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 69.5 | F | 43 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 55.8 | F | 45 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 41.5 | 45.0 | 120.6 | 23.5 | 14.1 | 40.7 | 42.0 | F | 30 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 102.4 | 58.7 | 188.4 |  |  | 103.5 | 97.8 | U | 19 |
| Coronary Heart Disease Death Rate (per 100,000) | 178.0 | 237.5 | 268.0 | 81.4 | 88.0 | 164.6 | 184.7 | F | 46 |
| Stroke Death Rate (per 100,000) | 61.7 | 73.4 | 90.7 | 47.5 | 34.6 | 61.5 | 63.3 | F | 28 |


| Grading Key for Status Indicators | S | Satisfactory | s- | Satisfactory Minus | U | Unsatisfactory | F |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |





SMOKING-ATTRIBUTABLE DEATHS (WOMEN) 1,665
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | State Overall Data | State <br> Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.3 | 13.6 |  |  | 20.7 | 20.7 | 21.0 | F | 25 |
| Ages 18-24 | 34.0 | 6.5 |  |  |  | 24.0 | 25.0 |  |  |
| Ages 25-44 | 29.8 | 16.8 |  |  |  | 24.4 | 24.7 |  |  |
| Ages 45-64 | 25.3 | 18.3 |  |  |  | 21.4 | 23.2 |  |  |
| Ages 65+ | 9.6 | 4.2 |  |  |  | 9.2 | 8.2 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 24.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 12.3 | U | 22 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 12.7 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 43.9 | F | 48 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 67.6 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 58.1 | F | 34 |
| No Health Insurance (\%) | 15.5 | 26.6 |  |  |  | 17.0 | 18.9 | F | 43 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 67.6 | F | 46 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 58.8 | F | 39 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 43.8 | 35.5 |  |  |  | 40.7 | 41.5 | F | 27 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 105.4 | 49.5 |  |  |  | 103.5 | 90.2 | U | 9 |
| Coronary Heart Disease Death Rate (per 100,000) | 180.6 | 242.6 |  |  |  | 164.6 | 197.5 | F | 50 |
| Stroke Death Rate (per 100,000) | 63.3 | 85.8 |  |  |  | 61.5 | 69.7 | F | 44 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | S- Satisfactory Minus |  |  | U Unsatisfactory |  | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOMEI | $\begin{array}{r} 4,048 \\ 69,326 \end{array}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.3 | 23.3 |  |  | 23.1 | 20.7 | 24.3 | F | 43 |
| Ages 18-24 | 32.8 | 7.4 |  |  |  | 24.0 | 29.7 |  |  |
| Ages 25-44 | 30.3 | 28.9 |  |  |  | 24.4 | 30.0 |  |  |
| Ages 45-64 | 24.3 | 26.3 |  |  |  | 21.4 | 24.9 |  |  |
| Ages 65+ | 11.0 | 17.9 |  |  |  | 9.2 | 11.2 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 30.4 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 18.3 | F | 43 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 27.0 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 46.2 | F | 39 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 65.2 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 61.0 | U | 28 |
| No Health Insurance (\%) | 12.9 | 18.2 |  |  |  | 17.0 | 12.4 | U | 17 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 71.6 | F | 32 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 58.3 | F | 40 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.7 | 53.4 |  |  |  | 40.7 | 46.2 | F | 45 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 115.3 | 70.2 |  |  |  | 103.5 | 111.6 | F | 31 |
| Coronary Heart Disease Death Rate (per 100,000) | 174.6 | 254.1 | 86.4 | 87.5 | 132.6 | 164.6 | 180.7 | F | 44 |
| Stroke Death Rate (per 100,000) | 64.2 | 71.7 |  |  | 60.2 | 61.5 | 65.1 | F | 33 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOME |  | $\begin{aligned} & 576 \\ & , 399 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | U.S. Data | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.8 |  | 44.8 |  | 26.4 | 20.7 | 21.3 | F | 29 |
| Ages 18-24 | 22.2 |  | 41.3 |  |  | 24.0 | 25.0 |  |  |
| Ages 25-44 | 22.2 |  | 49.7 |  | 35.8 | 24.4 | 24.2 |  |  |
| Ages 45-64 | 23.1 |  | 50.5 |  |  | 21.4 | 24.0 |  |  |
| Ages 65+ | 10.1 |  |  |  |  | 9.2 | 10.1 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 31.8 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 17.9 | F | 39 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 30.9 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.3 | F | 23 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 72.5 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 60.5 | U | 30 |
| No Health Insurance (\%) | 15.5 |  |  |  |  | 17.0 | 18.5 | F | 41 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 72.2 | F | 30 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 63.3 | F | 25 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.2 |  | 75.5 |  |  | 40.7 | 40.9 | F | 25 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 139.7 |  | 206.5 |  |  | 103.5 | 141.3 | F | 49 |
| Coronary Heart Disease Death Rate (per 100,000) | 99.5 |  | 113.0 |  |  | 164.6 | 100.3 | S- | 5 |
| Stroke Death Rate (per 100,000) | 63.3 |  | 74.9 |  |  | 61.5 | 63.8 | F | 30 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | U.S. | State Overall Data | State Grade | $\begin{aligned} & \text { State } \\ & \text { Rank } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.9 | 23.5 |  |  | 20.2 | 20.7 | 20.0 | U | 13 |
| Ages 18-24 | 34.8 |  |  |  |  | 24.0 | 33.2 |  |  |
| Ages 25-44 | 24.9 | 28.9 |  |  | 16.5 | 24.4 | 24.2 |  |  |
| Ages 45-64 | 17.8 |  |  |  |  | 21.4 | 18.5 |  |  |
| Ages 65+ | 7.8 |  |  |  |  | 9.2 | 7.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 31.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 14.9 | F | 31 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 25.1 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 42.3 | F | 50 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 61.6 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 52.4 | F | 47 |
| No Health Insurance (\%) | 9.4 |  |  |  | 23.9 | 17.0 | 10.5 | U | 7 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 74.0 | F | 22 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 64.2 | F | 22 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 33.4 | 39.3 |  |  |  | 40.7 | 33.7 | U | 8 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 99.9 |  |  |  |  | 103.5 | 99.6 | U | 21 |
| Coronary Heart Disease Death Rate (per 100,000) | 114.7 | 153.6 | 211.9 |  | 75.5 | 164.6 | 115.9 | S- | 8 |
| Stroke Death Rate (per 100,000) | 57.6 | 87.2 |  |  |  | 61.5 | 58.4 | U | 13 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | S- Satisfactory Minus |  |  | U Unsatisfactory |  | F Fail |  |  |  |

902
14,662


SMOKING-ATTRIBUTABLE DEATHS (WOMEN) 1,453
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State | State |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 29.1 | 31.6 | 28.3 | 24.3 | 19.4 | 20.7 | 28.5 | F | 51 |
| Ages 18-24 | 33.9 |  |  |  | 22.8 | 24.0 | 29.2 |  |  |
| Ages 25-44 | 30.3 | 36.8 |  |  | 21.2 | 24.4 | 29.9 |  |  |
| Ages 45-64 | 33.8 |  |  |  | 16.2 | 21.4 | 31.1 |  |  |
| Ages 65+ | 16.8 |  |  |  |  | 9.2 | 20.5 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 25.8 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 11.0 | U | 19 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 13.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 38.4 | F | 51 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 53.4 | F | 45 |
| No Health Insurance (\%) | 10.4 | 14.3 |  | 13.0 | 37.7 | 17.0 | 17.0 | F | 34 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 56.0 | F | 51 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 67.3 | F | 12 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 58.0 | 44.5 |  | 33.2 |  | 40.7 | 55.8 | F | 51 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 182.5 | 67.9 |  |  |  | 103.5 | 171.4 | F | 51 |
| Coronary Heart Disease Death Rate (per 100,000) | 158.0 | 167.9 | 88.3 | 107.9 | 59.9 | 164.6 | 156.8 | U | 27 |
| Stroke Death Rate (per 100,000) | 63.9 | 77.7 |  | 62.2 | 23.4 | 61.5 | 64.3 | F | 32 |



| DemographicS | Number (Percent) |  | Number (Percent) |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Nevada |  | U.S. |  |
| Total Population of Women | $1,034,332$ | $(49.4 \%)$ | $143,584,500$ | $(51.9 \%)$ |
| Women by Race |  |  |  |  |
| White (non-Hispanic) | 660,040 | $(63.8 \%)$ | $99,298,461$ | $(69.2 \%)$ |
| Black (non-Hispanic) | 79,705 | $(7.7 \%)$ | $18,537,763$ | $(12.9 \%)$ |
| American Indian/Alaskan Native |  |  |  |  |
| (non-Hispanic) | 13,540 | $(1.3 \%)$ | $1,441,671$ | $(1.0 \%)$ |
| Asian/Pacific Islander (non-Hispanic) | 68,913 | $(6.7 \%)$ | $6,324,727$ | $(4.4 \%)$ |
| Hispanic | 212,133 | $(20.5 \%)$ | $17,981,877$ | $(12.5 \%)$ |
| Women by Age |  |  |  |  |
| $0-17$ | 281,364 | $(27.2 \%)$ | $35,375,812$ | $(24.6 \%)$ |
| $18-24$ | 87,092 | $(8.4 \%)$ | $13,489,103$ | $(9.4 \%)$ |
| $25-44$ | 301,277 | $(29.1 \%)$ | $42,030,761$ | $(29.3 \%)$ |
| $45-64$ | 244,111 | $(23.6 \%)$ | $33,196,167$ | $(23.1 \%)$ |
| $65+$ | 120,487 | $(11.6 \%)$ | $19,492,657$ | $(13.6 \%)$ |
| Lesbian-Headed Households | 2,234 | $(0.30 \%)$ | 293,365 | $(0.28 \%)$ |
| Median Earnings for Women (\$) | $\$ 27,000$ |  | $\$ 28,000$ |  |
| Women Residing in-Urban Areas | 901,391 | $(92.0 \%)$ | $113,984,742$ | $(79.5 \%)$ |
|  | 78,815 | $(8.0 \%)$ | $29,383,601$ | $(20.5 \%)$ |
| Women (25 or older) by Education: |  |  |  |  |
| Less than 12 years | 98,955 | $(14.9 \%)$ | $14,877,627$ | $(15.7 \%)$ |
| High School Graduate | 247,173 | $(37.1 \%)$ | $31,412,377$ | $(33.2 \%)$ |
| Some College or Associate Degree | 195,301 | $(29.3 \%)$ | $25,038,018$ | $(26.4 \%)$ |
| Bachelor's Degree | 90,352 | $(13.6 \%)$ | $16,098,968$ | $(17.0 \%)$ |
| Graduate Degree | 34,094 | $(5.1 \%)$ | $7,292,595$ | $(7.7 \%)$ |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{gathered} 702 \\ 1,835 \end{gathered}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 23.1 |  |  |  | 29.8 | 20.7 | 23.2 | F | 38 |
| Ages 18-24 | 38.6 |  |  |  |  | 24.0 | 38.0 |  |  |
| Ages 25-44 | 27.1 |  |  |  |  | 24.4 | 26.7 |  |  |
| Ages 45-64 | 19.1 |  |  |  |  | 21.4 | 19.8 |  |  |
| Ages 65+ | 11.5 |  |  |  |  | 9.2 | 11.5 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 16.0 | F | 33 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 35.1 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 58.0 | U | 3 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 67.0 | S- | 7 |
| No Health Insurance (\%) | 10.4 |  |  |  |  | 17.0 | 10.6 | U | 8 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 76.8 | F | 14 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 63.3 | F | 26 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 46.6 |  |  |  |  | 40.7 | 46.3 | F | 46 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 133.8 |  |  |  |  | 103.5 | 133.2 | F | 47 |
| Coronary Heart Disease Death Rate (per 100,000) | 162.8 |  |  |  |  | 164.6 | 162.0 | F | 29 |
| Stroke Death Rate (per 100,000) | 59.9 |  |  |  |  | 61.5 | 59.8 | U | 20 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sat | actory M |  | Unsatis | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{aligned} & , 429 \\ & 4,457 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.0 | 23.2 |  | 6.8 | 13.9 | 20.7 | 19.7 | U | 11 |
| Ages 18-24 | 26.4 | 15.2 |  |  | 12.8 | 24.0 | 22.4 |  |  |
| Ages 25-44 | 27.8 | 25.0 |  | 2.5 | 17.9 | 24.4 | 24.0 |  |  |
| Ages 45-64 | 21.1 | 31.0 |  |  | 10.9 | 21.4 | 20.6 |  |  |
| Ages 65+ | 9.7 | 9.8 |  |  | 3.0 | 9.2 | 9.2 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 28.9 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.7 | U | 14 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 16.5 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.6 | F | 21 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 50.2 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 61.6 | U | 25 |
| No Health Insurance (\%) | 9.4 | 22.3 |  | 17.8 | 36.1 | 17.0 | 15.4 | F | 28 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 75.6 | F | 18 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 64.7 | F | 21 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 42.5 | 41.8 |  | 12.7 | 8.1 | 40.7 | 41.5 | F | 27 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 89.2 | 72.3 |  |  | 30.9 | 103.5 | 86.3 | U | 7 |
| Coronary Heart Disease Death Rate (per 100,000) | 176.2 | 195.7 |  | 56.9 | 71.2 | 164.6 | 176.6 | F | 41 |
| Stroke Death Rate (per 100,000) | 46.4 | 63.7 |  | 27.2 | 22.3 | 61.5 | 48.2 | S- | 2 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{gathered} 810 \\ 3,622 \end{gathered}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 22.6 | 20.0 | 10.1 |  | 20.2 | 20.7 | 20.7 | F | 21 |
| Ages 18-24 | 31.7 |  |  |  | 23.0 | 24.0 | 24.4 |  |  |
| Ages 25-44 | 28.8 |  | 7.6 |  | 21.0 | 24.4 | 23.4 |  |  |
| Ages 45-64 | 22.0 |  | 14.9 |  | 21.4 | 21.4 | 21.4 |  |  |
| Ages 65+ | 10.5 |  |  |  | 12.5 | 9.2 | 11.1 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.8 | U | 15 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 12.5 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 53.9 | F | 7 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 60.9 | U | 29 |
| No Health Insurance (\%) | 21.5 |  | 49.4 |  | 30.7 | 17.0 | 29.5 | F | 51 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 73.1 | F | 28 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 65.8 | F | 14 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 33.1 |  |  |  | 20.7 | 40.7 | 31.4 | U | 6 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 128.2 |  | 51.3 |  | 68.4 | 103.5 | 121.9 | F | 39 |
| Coronary Heart Disease Death Rate (per 100,000) | 132.0 | 149.5 | 70.1 |  | 113.7 | 164.6 | 129.1 | S- | 14 |
| Stroke Death Rate (per 100,000) | 55.2 | 51.3 | 50.2 |  | 54.9 | 61.5 | 54.9 | U | 8 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

11,154

| Status Indicators (Women) | $\begin{aligned} & \text { White } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | $\begin{aligned} & \text { Asian/ } \\ & \text { Pacific } \\ & \text { Pslander } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | Hispanic | $\begin{gathered} \text { u.s. } \\ \text { Data } \end{gathered}$ | $\begin{gathered} \text { State } \\ \text { Oterall } \\ \text { Onata } \\ \text { Dat } \end{gathered}$ | State | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 22.6 | 17.7 |  | 7.1 | 19.7 | 20.7 | 21.0 | F | 25 |
| Ages 18-24 | 39.0 | 27.8 |  |  | 26.9 | 24.0 | 33.3 |  |  |
| Ages 25-44 | 29.5 | 22.3 |  | 8.4 | 21.3 | 24.4 | 25.9 |  |  |
| Ages 45-64 | 19.7 | 13.8 |  |  | 14.4 | 21.4 | 17.7 |  |  |
| Ages 65+ | 10.1 | 9.1 |  |  | 17.4 | 9.2 | 10.3 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 32.8 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 9.0 | U | 9 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 15.7 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 51.9 | F | 16 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 59.6 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 64.4 | U | 15 |
| No Health Insurance (\%) | 12.2 | 23.7 |  | 33.9 | 31.1 | 17.0 | 18.8 | F | 42 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 77.0 | F | 13 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 62.9 | F | 28 |
|  | White | Black | American Indian/ Alaskan Native | $\begin{aligned} & \text { Asian/ } \\ & \text { Pacific } \end{aligned}$ Island | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 40.2 | 31.0 |  | 17.0 | 12.2 | 40.7 | 38.1 | F | 14 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 92.1 | 50.0 |  | 21.8 | 38.5 | 103.5 | 85.3 | S- | 6 |
| Coronary Heart Disease Death Rate (per 100,000) | 217.8 | 249.4 | 67.8 | 126.7 | 146.6 | 164.6 | 220.7 | F | 51 |
| Stroke Death Rate (per 100,000) | 42.0 | 41.6 |  | 28.8 | 23.4 | 61.5 | 42.2 | S | 1 |




SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

4,147
76,720

| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | $\begin{aligned} & \text { State } \\ & \text { Rank } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.1 | 21.3 | 22.2 | 16.4 | 25.9 | 20.7 | 23.4 | F | 39 |
| Ages 18-24 | 36.7 | 22.3 |  |  |  | 24.0 | 31.7 |  |  |
| Ages 25-44 | 28.9 | 26.2 |  |  | 22.7 | 24.4 | 27.6 |  |  |
| Ages 45-64 | 22.7 | 22.3 |  |  |  | 21.4 | 22.9 |  |  |
| Ages 65+ | 11.9 | 5.8 |  |  |  | 9.2 | 11.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 27.2 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 14.0 | F | 29 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 18.5 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 51.3 | F | 18 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 63.1 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 64.1 | U | 16 |
| No Health Insurance (\%) | 14.5 | 19.2 |  |  | 68.3 | 17.0 | 16.9 | F | 33 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 65.8 | F | 49 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 55.5 | F | 46 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 41.1 | 31.1 | 22.0 |  |  | 40.7 | 39.1 | F | 17 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 112.3 | 51.8 | 68.7 |  |  | 103.5 | 101.5 | U | 23 |
| Coronary Heart Disease Death Rate (per 100,000) | 148.9 | 189.0 | 205.3 | 53.7 | 24.6 | 164.6 | 156.2 | U | 26 |
| Stroke Death Rate (per 100,000) | 72.0 | 95.2 | 65.2 |  |  | 61.5 | 76.1 | F | 47 |


| Grading Key for Status Indicators | S | Satisfactory | S- | Satisfactory Minus | U | Unsatisfactory | F | Fail |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


\section*{Policy Indicators $\quad$| Stenenth |
| :---: |
| of policy |}


| Cessation: |  |
| :--- | :--- |
| Telephone Quitline |  |
|  |  |
| Pregnancy-Specific Counseling on Telephone Quitline |  |
| Medicaid Smoking Cessation Coverage |  |
| Medicaid Coverage of Pregnancy-Specific Counseling |  |
| Private Insurance Smoking Cessation Coverage |  |

## Second-Hand Smoke:

Restrictions on Second-Hand Smoke


Funding:

| Funding: |  |
| :--- | :--- |
| Tobacco Prevention Funding |  |

## Youth Access:

| Tobacco Sales Rate to Minors |  |
| :--- | :--- |
| Youth Access Restrictions | $\square$ |


| Demographics | Number (Percent) |  | Number (Percent) |  |
| :--- | ---: | :--- | ---: | :--- |
|  | North Carolina | U.S. |  |  |
| Total Population of Women | $4,111,555$ | $(52.4 \%)$ | $143,584,500$ | $(51.9 \%)$ |
| Women by Race |  |  |  |  |
| White (non-Hispanic) | $2,783,334$ | $(67.7 \%)$ | $99,298,461$ | $(69.2 \%)$ |
| Black (non-Hispanic) | 961,623 | $(23.4 \%)$ | $18,537,763$ | $(12.9 \%)$ |
| American Indian/Alaskan Native |  |  |  |  |
| (non-Hispanic) | 127,516 | $(3.1 \%)$ | $1,441,671$ | $(1.0 \%)$ |
| Asian/Pacific Islander (non-Hispanic) | 75,639 | $(1.8 \%)$ | $6,324,727$ | $(4.4 \%)$ |
| Hispanic | 163,444 | $(4.0 \%)$ | $17,981,877$ | $(12.5 \%)$ |
| Women by Age |  |  |  |  |
| $0-17$ | 973,936 | $(23.7 \%)$ | $35,375,812$ | $(24.6 \%)$ |
| $18-24$ | 428,043 | $(10.4 \%)$ | $13,489,103$ | $(9.4 \%)$ |
| $25-44$ | $1,183,215$ | $(28.8 \%)$ | $42,030,761$ | $(29.3 \%)$ |
| $45-64$ | 973,356 | $(23.7 \%)$ | $33,196,167$ | $(23.1 \%)$ |
| $65+$ | 553,006 | $(13.5 \%)$ | $19,492,657$ | $(13.6 \%)$ |
| Lesbian-Headed Households | 8,349 | $(0.27 \%)$ | 293,365 | $(0.28 \%)$ |
| Median Earnings for Women (\$) | $\$ 25,000$ |  | $\$ 28,000$ |  |
| Women Residing in-Urban Areas | $2,494,951$ | $(60.8 \%)$ | $113,984,742$ | $(79.5 \%)$ |
| - Rural Areas | $1,611,667$ | $(39.2 \%)$ | $29,383,601$ | $(20.5 \%)$ |
| Women (25 or older) by Education: |  |  |  |  |
| Less than 12 years | 519,478 | $(19.2 \%)$ | $14,877,627$ | $(15.7 \%)$ |
| High School Graduate | 901,428 | $(33.3 \%)$ | $31,412,377$ | $(33.2 \%)$ |
| Some College or Associate Degree | 718,071 | $(26.5 \%)$ | $25,038,018$ | $(26.4 \%)$ |
| Bachelor's Degree | 407,467 | $(15.0 \%)$ | $16,098,968$ | $(17.0 \%)$ |
| Graduate Degree | 163,133 | $(6.0 \%)$ | $7,292,595$ | $(7.7 \%)$ |
|  |  |  |  |  |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) |  |  |  | 267 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) 4,545 |  |  |  |  |  |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.5 |  | 45.7 |  |  | 20.7 | 20.4 | F | 17 |
| Ages 18-24 | 34.1 |  |  |  |  | 24.0 | 35.9 |  |  |
| Ages 25-44 | 23.4 |  |  |  |  | 24.4 | 24.3 |  |  |
| Ages 45-64 | 18.7 |  |  |  |  | 21.4 | 19.5 |  |  |
| Ages 65+ | 5.9 |  |  |  |  | 9.2 | 5.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 35.5 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 18.0 | F | 41 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 35.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.6 | F | 42 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 62.1 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 43.8 | F | 51 |
| No Health Insurance (\%) | 10.1 |  | 34.1 |  |  | 17.0 | 12.7 | U | 19 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\begin{array}{ll}\text {-At Work (\%) } \\ & \text {-At Home (\%) }\end{array}$ |  |  |  |  |  | 74.1 | 71.4 | F | 34 |
|  |  |  |  |  |  | 64.5 | 61.5 | F | 31 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 30.1 |  |  |  |  | 40.7 | 30.6 | U | 3 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 70.2 |  |  |  |  | 103.5 | 72.6 | S- | 3 |
| Coronary Heart Disease Death Rate (per 100,000) | 118.8 |  | 228.5 |  |  | 164.6 | 120.8 | S- | 10 |
| Stroke Death Rate (per 100,000) | 58.1 |  |  |  |  | 61.5 | 58.7 | U | 16 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- S | Satisfactory Minus |  | Unsatisfactory |  | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOME |  | $\begin{aligned} & 899 \\ & 6,883 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | State <br> Overall Data | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 26.2 | 24.1 |  |  | 31.9 | 20.7 | 26.2 | F | 48 |
| Ages 18-24 | 37.8 | 23.5 |  |  |  | 24.0 | 36.4 |  |  |
| Ages 25-44 | 33.2 | 24.6 |  |  |  | 24.4 | 32.5 |  |  |
| Ages 45-64 | 23.7 | 31.0 |  |  |  | 21.4 | 24.7 |  |  |
| Ages 65+ | 11.5 | 8.4 |  |  |  | 9.2 | 11.4 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 33.7 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 19.0 | F | 45 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 28.4 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 46.4 | F | 38 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 65.7 | S- | 10 |
| No Health Insurance (\%) | 11.5 | 19.3 |  |  | 28.0 | 17.0 | 13.5 | U | 23 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 70.6 | F | 40 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 53.4 | F | 49 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 43.7 | 52.2 |  | 24.8 | 12.7 | 40.7 | 44.3 | F | 38 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 116.5 | 78.8 |  |  | 39.5 | 103.5 | 113.1 | F | 34 |
| Coronary Heart Disease Death Rate (per 100,000) | 169.9 | 210.2 |  | 51.8 | 91.3 | 164.6 | 173.2 | F | 39 |
| Stroke Death Rate (per 100,000) | 59.8 | 75.6 |  | 30.3 | 35.8 | 61.5 | 61.2 | U | 23 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | S- Satis | actory M |  | Unsati | tory | F Fa |  |  |  |



SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.s. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 25.0 | 19.9 | 31.3 | 12.8 | 16.8 | 20.7 | 24.5 | F | 45 |
| Ages 18-24 | 29.3 |  | 33.2 |  |  | 24.0 | 28.2 |  |  |
| Ages 25-44 | 32.1 | 13.2 | 38.8 |  | 15.0 | 24.4 | 29.7 |  |  |
| Ages 45-64 | 26.0 | 29.5 | 28.9 |  | 23.5 | 21.4 | 26.4 |  |  |
| Ages 65+ | 11.4 | 12.9 | 11.2 |  |  | 9.2 | 11.3 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 17.3 | F | 37 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 23.8 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 53.0 | F | 11 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 58.9 | F | 33 |
| No Health Insurance (\%) | 19.6 | 21.8 | 33.8 |  | 38.1 | 17.0 | 22.2 | F | 48 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 73.7 | F | 27 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 57.4 | F | 43 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 45.9 | 43.8 | 25.8 |  |  | 40.7 | 44.4 | F | 39 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 121.7 | 60.7 | 44.8 |  |  | 103.5 | 113.8 | F | 35 |
| Coronary Heart Disease Death Rate (per 100,000) | 193.5 | 230.2 | 106.5 | 99.4 | 71.0 | 164.6 | 189.5 | F | 47 |
| Stroke Death Rate (per 100,000) | 70.3 | 87.8 | 35.0 |  | 33.1 | 61.5 | 69.2 | F | 41 |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  | $\begin{array}{r} 1,995 \\ 33,404 \end{array}$ |  |  |  | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \\ & \hline \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ |  |  |  |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 19.4 |  | 46.5 | 14.1 | 12.7 | 20.7 | 19.7 | U | 11 |
| Ages 18-24 | 29.0 |  |  |  |  | 24.0 | 26.2 |  |  |
| Ages 25-44 | 24.6 |  |  |  | 16.0 | 24.4 | 24.3 |  |  |
| Ages 45-64 | 18.2 |  |  |  | 3.8 | 21.4 | 18.6 |  |  |
| Ages 65+ | 9.0 |  |  |  |  | 9.2 | 9.6 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 13.4 | U | 27 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 25.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 53.2 | F | 10 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 65.5 | U | 12 |
| No Health Insurance (\%) | 12.1 |  |  | 17.3 | 38.6 | 17.0 | 14.4 | U | 26 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\quad$-At Work (\%) |  |  |  |  |  | 74.1 | 73.9 | F | 26 |
|  |  |  |  |  |  | 64.5 | 73.8 | U | 6 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 46.4 |  |  |  |  | 40.7 | 45.7 | F | 41 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 125.4 |  |  |  |  | 103.5 | 123.2 | F | 40 |
| Coronary Heart Disease Death Rate (per 100,000) | 115.9 | 138.0 | 106.6 | 76.2 | 63.9 | 164.6 | 115.7 | S- | 7 |
| Stroke Death Rate (per 100,000) | 80.0 | 96.2 |  | 75.1 | 29.8 | 61.5 | 80.1 | F | 49 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fa |  |  |  |



SMOKING-ATTRIBUTABLE DEATHS (WOMEN)
SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN)

| Status Indicators (Women) | $\begin{gathered} \text { White } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Grade } \end{aligned}$ | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 22.0 | 29.6 |  | 15.1 | 31.5 | 20.7 | 22.8 | F | 37 |
| Ages 18-24 | 32.8 | 14.5 |  |  |  | 24.0 | 32.2 |  |  |
| Ages 25-44 | 28.0 | 31.1 |  |  | 27.6 | 24.4 | 27.9 |  |  |
| Ages 45-64 | 22.5 | 42.4 |  |  |  | 21.4 | 24.4 |  |  |
| Ages 65+ | 8.9 | 11.6 |  |  |  | 9.2 | 9.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 28.3 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 16.7 | F | 35 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 26.3 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.1 | F | 45 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 65.6 | U | 11 |
| No Health Insurance (\%) | 9.2 | 19.4 |  |  | 19.9 | 17.0 | 10.8 | U | 10 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 74.0 | F | 25 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 59.9 | F | 34 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 39.2 | 57.3 |  | 12.9 | 16.4 | 40.7 | 40.5 | F | 22 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 93.2 | 77.3 |  |  | 45.0 | 103.5 | 91.9 | U | 13 |
| Coronary Heart Disease Death Rate (per 100,000) | 167.2 | 189.2 |  | 63.7 | 94.3 | 164.6 | 168.7 | F | 34 |
| Stroke Death Rate (per 100,000) | 57.2 | 73.1 |  | 39.2 | 43.4 | 61.5 | 58.4 | U | 13 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F F |  |  |  |


| Demographics | Number (Percent) |  | Number (Percent) |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Pennsylvania |  | U.S. |  |
| Total Population of Women | 6,254,395 | (52.4\%) | 143,584,500 | (51.9\%) |
| Women by Race |  |  |  |  |
| White (non-Hispanic) | 5,295,613 | (84.7\%) | 99,298,461 | (69.2\%) |
| Black (non-Hispanic) | 609,799 | (9.7\%) | 18,537,763 | (12.9\%) |
| American Indian/Alaskan Native |  |  |  |  |
| (non-Hispanic) | 19,254 | (0.3\%) | 1,441,671 | (1.0\%) |
| Asian/Pacific Islander (non-Hispanic) | 107,828 | (1.7\%) | 6,324,727 | (4.4\%) |
| Hispanic | 221,900 | (3.5\%) | 17,981,877 | (12.5\%) |
| Women by Age |  |  |  |  |
| 0-17 | 1,384,403 | (22.1\%) | 35,375,812 | (24.6\%) |
| 18-24 | 537,784 | (8.6\%) | 13,489,103 | (9.4\%) |
| 25-44 | 1,758,799 | (28.1\%) | 42,030,761 | (29.3\%) |
| 45-64 | 1,616,841 | (25.9\%) | 33,196,167 | (23.1\%) |
| $65+$ | 956,568 | (15.3\%) | 19,492,657 | (13.6\%) |
| Lesbian-Headed Households | 10,674 | (0.22\%) | 293,365 | (0.28\%) |
| Median Earnings for Women (\$) | \$29,000 |  | \$28,000 |  |
| Women Residing in-Urban Areas | 4,947,002 | (77.9\%) | 113,984,742 | (79.5\%) |
| -Rural Areas | 1,404,389 | (22.1\%) | 29,383,601 | (20.5\%) |
| Women (25 or older) by Education: |  |  |  |  |
| Less than 12 years | 625,878 | (14.4\%) | 14,877,627 | (15.7\%) |
| High School Graduate | 1,772,276 | (40.9\%) | 31,412,377 | (33.2\%) |
| Some College or Associate Degree | 914,580 | (21.1\%) | 25,038,018 | (26.4\%) |
| Bachelor's Degree | 660,877 | (15.3\%) | 16,098,968 | (17.0\%) |
| Graduate Degree | 358,597 | (8.3\%) | 7,292,595 | (7.7\%) |




| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  | $\begin{array}{r} 2,084 \\ 40,418 \end{array}$ |  |  | U.S. State <br> Overall <br> Data <br> Data  |  | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic |  |  |  |  |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 24.6 | 14.5 |  |  | 22.2 | 20.7 | 21.8 | F | 32 |
| Ages 18-24 | 33.3 | 9.3 |  |  |  | 24.0 | 24.2 |  |  |
| Ages 25-44 | 30.1 | 16.1 |  |  | 25.7 | 24.4 | 25.9 |  |  |
| Ages 45-64 | 24.5 | 17.2 |  |  |  | 21.4 | 22.5 |  |  |
| Ages 65+ | 10.7 | 10.5 |  |  |  | 9.2 | 10.8 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 26.8 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 12.0 | U | 21 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 15.8 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.9 | F | 41 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 59.6 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 56.8 | F | 41 |
| No Health Insurance (\%) | 8.9 | 19.7 |  |  |  | 17.0 | 12.8 | U | 20 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\quad$-At Work (\%) |  |  |  |  |  | 74.1 | 69.8 | F | 41 |
|  |  |  |  |  |  | 64.5 | 63.2 | F | 27 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 41.7 | 27.8 |  |  |  | 40.7 | 38.4 | F | 16 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 113.2 | 46.9 |  |  |  | 103.5 | 97.5 | U | 18 |
| Coronary Heart Disease Death Rate (per 100,000) | 148.1 | 181.3 |  | 95.6 |  | 164.6 | 155.5 | U | 25 |
| Stroke Death Rate (per 100,000) | 75.2 | 110.2 |  |  |  | 61.5 | 83.4 | F | 50 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sat | actory M |  | Unsati | tory | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  |  | $\begin{array}{r} 346 \\ 5,680 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | u.s. | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 20.3 |  | 45.7 |  | 29.6 | 20.7 | 21.6 | F | 31 |
| Ages 18-24 | 32.4 |  |  |  |  | 24.0 | 33.9 |  |  |
| Ages 25-44 | 25.2 |  | 45.8 |  | 40.3 | 24.4 | 26.4 |  |  |
| Ages 45-64 | 20.0 |  | 45.0 |  |  | 21.4 | 21.4 |  |  |
| Ages 65+ | 7.2 |  |  |  |  | 9.2 | 7.4 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 34.4 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 19.8 | F | 46 |
| Ages 15-19 |  |  |  |  |  | 18.1 |  |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 50.3 | F | 23 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 71.3 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 57.5 | F | 37 |
| No Health Insurance (\%) | 9.9 |  | 34.6 |  |  | 17.0 | 12.3 | U | 15 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\begin{array}{ll}\text {-At Work (\%) } \\ & \text {-At Home (\%) }\end{array}$ |  |  |  |  |  | 74.1 | 66.2 | F | 48 |
|  |  |  |  |  |  | 64.5 | 58.9 | F | 38 |
|  | White | Black | American Indian/ <br> Alaskan <br> Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 30.2 |  | 54.0 |  |  | 40.7 | 30.8 | U | 4 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 79.9 |  |  |  |  | 103.5 | 80.9 | S- | 5 |
| Coronary Heart Disease Death Rate (per 100,000) | 125.6 |  | 228.6 |  |  | 164.6 | 128.6 | S- | 13 |
| Stroke Death Rate (per 100,000) | 58.6 |  | 81.2 |  |  | 61.5 | 59.6 | U | 19 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Satisfactory Minus |  |  | U Unsatisfactory |  | F Fail |  |  |  |


| Policy Indicators |  | Demographics | Number (Perent) | Number (Percent) |
| :---: | :---: | :---: | :---: | :---: |
|  |  | (tate |  |  |
|  |  |  |  |  |
| Outhe |  |  |  |  |
| Mediciad Smoking Cossstion Corerge |  |  | ${ }^{22,864}$ (6,188) | 1.441.671 (1.08) |
| Medididid Coverage of Preganars. Speafic Counsing | $\square$ |  | ${ }_{4}^{4.162}$ |  |
| Pirate Io nurance Smoking Cosstion Coverage |  | Women | $86,995(23.48)$ |  |
| Scorond.fand smoke: |  | - | 9,5,511 20.5687 |  |
|  |  | ${ }^{-654}$ |  |  |
|  |  |  | ${ }^{4337}$ (0.15\%) | ${ }_{\substack{293,3650.028 \% 9 \\ 588.000}}$ |
|  | $\square$ | Median Earnings for Women (\$) <br> Women Residing in-Urban Areas |  |  |
|  |  |  |  | (20.55) |
| $\frac{\text { Finding: }}{\text { Tobact }}$ | $\square$ |  | 20,4272 |  |
| Youth Access: <br> Tobacco Sales Rate to Mino |  | $\begin{aligned} & \text { Some College or Associate Degree } \\ & \hline \text { Bachelor's Degree } \\ & \hline \text { Graduate Degree } \\ & \hline \end{aligned}$ |  |  |
|  |  |  |  |  |
| Vouth Access Restritions |  |  | Bachelor's Degree Graduate Degree |  |  |
| Camer |  |  |  |  |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOMEI |  | $\begin{aligned} & 3,545 \\ & 5,802 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 25.3 | 15.1 |  |  | 16.8 | 20.7 | 23.6 | F | 41 |
| Ages 18-24 | 34.7 | 6.6 |  |  |  | 24.0 | 28.6 |  |  |
| Ages 25-44 | 32.9 | 17.7 |  |  |  | 24.4 | 29.7 |  |  |
| Ages 45-64 | 23.6 | 19.3 |  |  |  | 21.4 | 23.2 |  |  |
| Ages 65+ | 10.3 | 9.1 |  |  |  | 9.2 | 10.1 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 28.4 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 17.0 | F | 36 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 21.5 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.5 | F | 43 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 57.1 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 57.2 | F | 39 |
| No Health Insurance (\%) | 11.7 | 13.5 |  |  |  | 17.0 | 12.9 | U | 21 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 69.9 | F | 41 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 56.6 | F | 44 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 43.1 | 43.9 |  |  |  | 40.7 | 43.0 | F | 33 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 111.8 | 65.4 |  |  |  | 103.5 | 106.1 | U | 28 |
| Coronary Heart Disease Death Rate (per 100,000) | 188.8 | 255.8 |  | 97.3 | 47.9 | 164.6 | 196.6 | F | 49 |
| Stroke Death Rate (per 100,000) | 75.8 | 100.3 |  |  |  | 61.5 | 78.7 | F | 48 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) | 9,094 |
| :--- | ---: |
| SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) | 159,474 |


| Status Indicators (Women) | $\begin{aligned} & \text { White } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | u.s. | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.9 | 15.9 | 34.2 | 5.1 | 13.2 | 20.7 | 18.8 | U | 7 |
| Ages 18-24 | 35.7 | 3.9 |  |  | 13.1 | 24.0 | 21.8 |  |  |
| Ages 25-44 | 26.1 | 20.0 |  | 5.5 | 14.1 | 24.4 | 21.1 |  |  |
| Ages 45-64 | 21.6 | 20.3 |  |  | 13.7 | 21.4 | 19.6 |  |  |
| Ages 65+ | 10.6 | 8.0 |  |  | 6.1 | 9.2 | 9.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 24.9 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 6.5 | S- | 2 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 8.7 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 52.2 | F | 14 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 56.7 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 57.1 | F | 40 |
| No Health Insurance (\%) | 14.1 | 24.2 |  | 31.8 | 45.8 | 17.0 | 26.0 | F | 50 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 71.1 | F | 36 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 70.7 | F | 7 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 39.6 | 42.0 |  | 18.5 | 14.9 | 40.7 | 39.4 | F | 21 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 112.3 | 60.9 |  | 32.9 | 36.5 | 103.5 | 106.4 | U | 30 |
| Coronary Heart Disease Death Rate (per 100,000) | 165.3 | 230.8 |  | 87.7 | 128.7 | 164.6 | 170.3 | F | 36 |
| Stroke Death Rate (per 100,000) | 65.9 | 86.2 |  | 37.2 | 46.8 | 61.5 | 67.5 | F | 36 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ Satisfactory | s- Sa | actory M |  | Unsati | tory | F Fa |  |  |  |


| Policy Indicators | Strength of Policy | Demographics |  | Number (Percent) |  | Number (Percent) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cessation: |  |  |  | Texas |  | U.S. |  |
| Telephone Quitline (1-877-YES-QUIT) |  | Total Popur | Women | 10,595,187 | (52.0\%) | 143,584,500 | (51.9\%) |
|  | Women by Race |  |  |  |  |  |  |
| Pregnancy-Specific Counseling on Telephone Quitline |  | White (non-Hispanic) |  | 5,377,700 | (50.8\%) | 99,298,461 | (69.2\%) |
|  |  | Black (non-Hispanic) |  | 1,157,064 | (10.9\%) | 18,537,763 | (12.9\%) |
|  |  | American Indian/Alaskan Native |  |  |  |  |  |
| Medicaid Smoking Cessation Coverage |  | (non-Hispanic) |  | 83,489 | (0.8\%) | 1,441,671 | (1.0\%) |
|  |  | Asian/Pacific Islander (non-Hispanic) |  | c) 343,788 | (3.2\%) | 6,324,727 | (4.4\%) |
| Medicaid Coverage of Pregnancy-Specific Counseling |  | Hispanic |  | 3,633,146 | (34.3\%) | 17,981,877 | (12.5\%) |
|  |  | Women by Age |  |  |  |  |  |
| Private Insurance Smoking Cessation Coverage |  | 0-17 |  | 2,931,333 | (27.7\%) | 35,375,812 | (24.6\%) |
|  |  | 18-24 |  | 1,064,164 | (10.0\%) | 13,489,103 | (9.4\%) |
| Second-Hand Smoke: |  | 25-44 |  | 3,099,871 | (29.3\%) | 42,030,761 | (29.3\%) |
| Restrictions on Second-Hand Smoke |  |  |  | 2,259,770 | (21.3\%) | 33,196,167 | (23.1\%) |
|  |  | 65+ |  | 1,240,050 | (11.7\%) | 19,492,657 | (13.6\%) |
| Tax: |  | Lesbian-Headed Households |  | 21,172 | (0.29\%) | 293,365 | (0.28\%) |
|  |  | Median Earnings for Women (\$) |  | \$26,000 |  | \$28,000 |  |
|  |  | Women Residing in-Urban Area |  | 8,689,599 | (82.8\%) | 113,984,742 | (79.5\%) |
|  |  |  | -Rural Areas | 1,809,311 | (17.2\%) | 29,383,601 | (20.5\%) |
| Funding: |  | Women (25 or older) by Education: |  |  |  |  |  |
| Tobacco Prevention Funding |  | Less than 12 years |  | 1,453,207 | (22.0\%) | 14,877,627 | (15.7\%) |
|  |  | High School Graduate |  | 1,924,150 | (29.2\%) | 31,412,377 | (33.2\%) |
| Youth Access: |  | Some College or Associate Degree |  | 1,699,142 | (25.7\%) | 25,038,018 | (26.4\%) |
| Tobacco Sales Rate to Minors |  | Bachelor's Degree |  | 1,095,589 | (16.6\%) | 16,098,968 | (17.0\%) |
|  |  | Graduate Degree |  | 427,602 | (6.5\%) | 7,292,595 | (7.7\%) |
| Youth Access Restrictions |  |  |  |  |  |  |  |
| Grading Key for Policy Indicators $\quad$ Meets Policy | Limited Policy |  | Weak Policy | Minimal/No Policy |  |  |  |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |
| :--- |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) <br> SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIFE LOST (WOMEN) |  |  |  | $\begin{array}{r} 312 \\ 5,322 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{aligned} & \text { Black } \\ & \text { (Non- } \\ & \text { Hispanic) } \end{aligned}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | u.s. Data | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 20.6 |  |  |  | 26.2 | 20.7 | 20.8 | F | 22 |
| Ages 18-24 | 35.1 |  |  |  |  | 24.0 | 36.1 |  |  |
| Ages 25-44 | 24.5 |  |  |  |  | 24.4 | 24.6 |  |  |
| Ages 45-64 | 17.6 |  |  |  |  | 21.4 | 17.7 |  |  |
| Ages 65+ | 7.7 |  |  |  |  | 9.2 | 7.7 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 26.0 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 19.9 | F | 47 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 38.2 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 48.3 | F | 32 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 52.2 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 72.0 | S- | 2 |
| No Health Insurance (\%) | 11.1 |  |  |  |  | 17.0 | 10.9 | U | 11 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 80.8 | U | 4 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 65.4 | F | 17 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 41.2 |  |  |  |  | 40.7 | 41.1 | F | 26 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 116.3 |  |  |  |  | 103.5 | 116.1 | F | 37 |
| Coronary Heart Disease Death Rate (per 100,000) | 148.8 |  |  |  |  | 164.6 | 148.5 | U | 23 |
| Stroke Death Rate (per 100,000) | 58.3 |  |  |  |  | 61.5 | 58.2 | U | 11 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | s- Sa | actory M |  | Unsati | ctory | F Fa |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | LOST | WOMEI |  | $\begin{array}{r} 3,560 \\ 2,840 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \\ \hline \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 21.2 | 17.8 |  | 9.7 | 20.9 | 20.7 | 20.6 | F | 19 |
| Ages 18-24 | 28.7 | 7.7 |  |  |  | 24.0 | 25.9 |  |  |
| Ages 25-44 | 25.9 | 18.5 |  | 6.1 | 15.8 | 24.4 | 23.7 |  |  |
| Ages 45-64 | 20.3 | 22.8 |  |  |  | 21.4 | 20.7 |  |  |
| Ages 65+ | 8.8 | 11.6 |  |  |  | 9.2 | 9.3 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 8.3 | S- | 7 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 14.9 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.3 | F | 44 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 62.2 | U | 23 |
| No Health Insurance (\%) | 9.8 | 13.8 |  | 12.5 | 33.1 | 17.0 | 13.8 | U | 24 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 76.2 | F | 16 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 63.7 | F | 24 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ <br> Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 42.1 | 41.5 |  | 19.7 | 11.3 | 40.7 | 41.5 | F | 27 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 111.3 | 60.3 |  |  |  | 103.5 | 101.5 | U | 23 |
| Coronary Heart Disease Death Rate (per 100,000) | 132.6 | 169.9 |  | 50.9 | 51.5 | 164.6 | 137.5 | U | 18 |
| Stroke Death Rate (per 100,000) | 65.8 | 91.9 |  | 47.7 | 29.3 | 61.5 | 70.0 | F | 45 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sa | actory M |  | Unsatis | tory | F Fa |  |  |  |


| Policy Indicators |  | Demographics | Peerent) | ber (Percent) |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{\text { Cessation: }}{\text { STeponone Ouitine }}$ |  | pulution |  | ${ }^{43,5.54 .5050}$ (51.980] |
|  |  |  |  |  |
| Pregnary S. Seaticic Cunseling on Telephone Ouititin |  | White | (2455.838 (67.98) |  |
| ng Cesstion Cove |  | Amernan hadenAlasasan Naive | ${ }_{8}^{8,351}$ (0.2\%) | 1,441,61 (1.08) |
| Soeaft |  |  |  |  |
|  |  | Age |  |  |
| Covers | $\square$ | $\stackrel{+}{0}$ |  |  |
| Second.thand Smote: |  | 25.44 |  |  |
| Restricions on Sceond.tand Smoke | $\square$ | ${ }_{\text {a }}^{6.564}$ |  |  |
|  |  | Lestian-Headed H Husenold | 6,749 (0.25\%) |  |
|  |  | Median Eamings tor Women (s) | S30,000 | 528,000 |
|  |  | Uran | 2.560206 | (13,98,742(97.58) |
| $\underset{\text { Eunding: }}{\text { Tobacco Preveration Funding }}$ |  | Women (25 oro olderen by Elucation: |  |  |
|  |  | ase tha 12 vear | 318.877 (13.0\%) |  |
| Vouth Aceess. |  | Some College or ossoscaite Oegree | 61.600 125.189 |  |
| Tobacco Ssabs Rateto M M Moss |  | Bachalors oegree Cradute Degee |  |  |
| Yout Access Pesticition |  |  |  |  |
|  |  |  |  |  |


| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | NOME | $\begin{array}{r} 3,085 \\ 52,645 \end{array}$ |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 20.5 | 22.3 | 42.5 | 9.4 | 18.2 | 20.7 | 20.4 | F | 17 |
| Ages 18-24 | 31.1 |  |  |  |  | 24.0 | 29.7 |  |  |
| Ages 25-44 | 23.9 | 26.3 |  | 9.3 | 19.6 | 24.4 | 23.4 |  |  |
| Ages 45-64 | 19.8 |  |  |  | 11.0 | 21.4 | 19.6 |  |  |
| Ages 65+ | 9.9 |  |  |  |  | 9.2 | 10.0 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 |  |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 13.5 | U | 28 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 25.6 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 47.5 | F | 35 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 60.1 | U | 32 |
| No Health Insurance (\%) | 11.4 |  |  | 21.9 | 34.4 | 17.0 | 15.8 | F | 29 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\quad$-At Work (\%) |  |  |  |  |  | 74.1 | 77.6 | F | 11 |
|  |  |  |  |  |  | 64.5 | 75.0 | U | 4 |
|  | White | Black | American   <br> Indian/ Asian/  <br> Alaskan Pacific  <br> Native Islander Hispanic |  |  |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 47.2 | 41.0 | 27.9 | 16.8 | 11.1 | 40.7 | 45.7 | F | 41 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 127.2 | 65.8 | 129.6 | 39.9 | 39.5 | 103.5 | 123.2 | F | 40 |
| Coronary Heart Disease Death Rate (per 100,000) | 130.7 | 144.7 | 107.2 | 73.7 | 53.1 | 164.6 | 129.4 | S- | 15 |
| Stroke Death Rate (per 100,000) | 69.1 | 88.5 | 75.7 | 57.6 | 31.0 | 61.5 | 69.4 | F | 43 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Satisfactory Minus |  |  | U Unsatisfactory |  | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) 1,495 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | $\begin{aligned} & \text { U.S. } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 25.5 | 22.7 |  |  | 28.4 | 20.7 | 25.6 | F | 47 |
| Ages 18-24 | 32.1 |  |  |  |  | 24.0 | 32.2 |  |  |
| Ages 25-44 | 34.6 |  |  |  |  | 24.4 | 34.6 |  |  |
| Ages 45-64 | 24.5 | 30.1 |  |  |  | 21.4 | 24.8 |  |  |
| Ages 65+ | 9.8 |  |  |  |  | 9.2 | 10.1 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 40.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 26.3 | F | 51 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 36.8 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 44.1 | F | 45 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 |  |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 66.4 | S- | 8 |
| No Health Insurance (\%) | 17.2 |  |  |  |  | 17.0 | 18.3 | F | 39 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban $\quad$-At Work (\%) |  |  |  |  |  | 74.1 | 71.2 | F | 35 |
|  |  |  |  |  |  | 64.5 | 46.5 | F | 50 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 51.4 | 42.8 |  |  |  | 40.7 | 51.0 | F | 49 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 133.8 | 79.4 |  |  |  | 103.5 | 131.6 | F | 46 |
| Coronary Heart Disease Death Rate (per 100,000) | 192.3 | 213.6 |  |  |  | 164.6 | 192.3 | F | 48 |
| Stroke Death Rate (per 100,000) | 62.3 | 65.2 |  |  |  | 61.5 | 62.3 | U | 26 |
| Grading Key for Status Indicators ${ }^{\text {a }}$ S Satisfactory | s- Sat | actory M |  | Unsati | tory | F F |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOME |  | $\begin{aligned} & 3,241 \\ & 1,335 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | Black <br> (NonHispanic) | American Indian/ Alaskan Native (NonHispanic) | Asian/ Pacific Islander (NonHispanic) | Hispanic | u.s. | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | State <br> Grade | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 23.1 | 25.6 | 36.1 |  | 24.5 | 20.7 | 23.4 | F | 39 |
| Ages 18-24 | 40.8 |  |  |  |  | 24.0 | 37.8 |  |  |
| Ages 25-44 | 26.9 | 29.4 |  |  |  | 24.4 | 27.4 |  |  |
| Ages 45-64 | 21.3 | 33.4 |  |  |  | 21.4 | 21.6 |  |  |
| Ages 65+ | 10.2 |  |  |  |  | 9.2 | 10.5 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 36.7 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 16.5 | F | 34 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 27.9 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 49.5 | F | 26 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 57.8 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 66.1 | S- | 9 |
| No Health Insurance (\%) | 6.3 | 17.8 |  |  | 18.6 | 17.0 | 8.0 | S- | 1 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 71.5 | F | 33 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 61.0 | F | 33 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 36.8 | 48.9 |  |  |  | 40.7 | 37.2 | F | 12 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 88.3 | 77.9 |  |  |  | 103.5 | 88.4 | U | 8 |
| Coronary Heart Disease Death Rate (per 100,000) | 133.8 | 163.7 | 162.9 | 61.6 | 34.0 | 164.6 | 134.8 | U | 17 |
| Stroke Death Rate (per 100,000) | 65.8 | 87.7 | 80.6 | 71.4 | 24.2 | 61.5 | 66.6 | F | 34 |
| Grading Key for Status Indicators ${ }^{\text {S }}$ S Satisfactory | s- Sa | actory M |  | Unsati | tory | F Fail |  |  |  |



| SMOKING-ATTRIBUTABLE DEATHS (WOMEN) SMOKING-ATTRIBUTABLE YEARS OF POTENTIAL LIF | E LOST | WOME |  | $\begin{array}{r} 295 \\ 5,000 \end{array}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Status Indicators (Women) | White <br> (NonHispanic) | $\begin{gathered} \text { Black } \\ \text { (Non- } \\ \text { Hispanic) } \end{gathered}$ | American Indian/ Alaskan Native (NonHispanic) | Asian/ <br> Pacific <br> Islander <br> (Non- <br> Hispanic) | Hispanic | u.s. Data | $\begin{aligned} & \text { State } \\ & \text { Overall } \\ & \text { Data } \end{aligned}$ | $\begin{aligned} & \text { State } \\ & \text { Grade } \end{aligned}$ | State Rank |
| Prevalence: |  |  |  |  |  |  |  |  |  |
| Current Smoking, Adults (\%) | 22.2 |  |  |  | 27.5 | 20.7 | 22.7 | F | 36 |
| Ages 18-24 | 26.9 |  |  |  |  | 24.0 | 27.4 |  |  |
| Ages 25-44 | 26.7 |  |  |  | 29.0 | 24.4 | 27.2 |  |  |
| Ages 45-64 | 21.7 |  |  |  | 26.8 | 21.4 | 22.3 |  |  |
| Ages 65+ | 11.0 |  |  |  |  | 9.2 | 10.9 |  |  |
| Current Smoking, Grades 9-12 (\%) |  |  |  |  |  | 27.7 | 29.6 |  |  |
| Smoking During Pregnancy, All Ages (\%) |  |  |  |  |  | 12.2 | 21.1 | F | 49 |
| Ages 15-19 |  |  |  |  |  | 18.1 | 33.1 |  |  |
| Cessation: |  |  |  |  |  |  |  |  |  |
| Trying to Quit, Adults (\%) |  |  |  |  |  | 44.9 | 49.5 | F | 26 |
| Trying to Quit, Grades 9-12 (\%) |  |  |  |  |  | 61.4 | 63.3 |  |  |
| Receiving Smoking Cessation Advice by Physician (\%) |  |  |  |  |  | 61.0 | 58.1 | F | 35 |
| No Health Insurance (\%) | 19.9 |  |  |  | 29.5 | 17.0 | 20.3 | F | 44 |
| Second-Hand Smoke: |  |  |  |  |  |  |  |  |  |
| Reporting Smoke Ban -At Work (\%) |  |  |  |  |  | 74.1 | 70.8 | F | 38 |
| -At Home (\%) |  |  |  |  |  | 64.5 | 62.6 | F | 29 |
|  | White | Black | American Indian/ Alaskan Native | Asian/ Pacific Islander | Hispanic |  |  |  |  |
| Smoking-Related Diseases: |  |  |  |  |  |  |  |  |  |
| Lung Cancer Death Rate (per 100,000) | 39.5 |  |  |  |  | 40.7 | 39.2 | F | 19 |
| Chronic Obstructive Pulmonary Disease Death Rate (per 100,000) | 160.2 |  |  |  |  | 103.5 | 158.4 | F | 50 |
| Coronary Heart Disease Death Rate (per 100,000) | 129.8 |  |  |  |  | 164.6 | 129.5 | S- | 16 |
| Stroke Death Rate (per 100,000) | 63.5 |  |  |  |  | 61.5 | 64.0 | F | 31 |
| Grading Key for Status Indicators $\quad$ S Satisfactory | s- Sat | actory M |  | Unsatis | tory | F Fa |  |  |  |




Chapter IV

## Indicator Descriptions and Methodology

This chapter contains descriptions of the indicators used in the Report Card, their data sources and methodology, and the data sources for the demographic information. The chapter is organized as follows. The status indicators are discussed first, with a page for each indicator, including its description, data source and an alphabetical chart of the
states with their ranks and grades on the indicator. The status indicator methodology follows this section. The policy indicators are then presented in a similar fashion. The chapter ends with the data sources for the demographic information. The indicators are addressed in the order in which they appear in the national and state report cards.

## Status Indicators

For all the status indicators described below, states that meet the benchmark receive a "Satisfactory" (" $S$ "). States not meeting the benchmark receive a "Satisfactory Minus" ("S-"), "Unsatisfactory" ("U"),
or "Fail" ("F") based on scores that reflect how far states are from the benchmarks, as explained below in the Grading and Ranking section. The nation is graded in the same manner.

## What percentage of women smoke?

Women who smoke are at risk for many serious illnesses, including lung cancer, chronic lung disease, heart disease, and stroke. The percentage of women who smoke has decreased from almost 34 percent in 1965 to about 21 percent in 2000; however, most of this decrease occurred from 1974 through 1990, with slower progress in the last 13 years. ${ }^{180}$ The Report Card benchmark is the Healthy People 2010 goal of reducing cigarette smoking among adults 18 years and older to 12 percent. ${ }^{181}$

## Data Source: Current Smoking, Adults (\%), 1999-2001.

EXPLANATION: This measure includes women aged 18 and older in the non-institutionalized ${ }^{182}$ civilian population who reported ever smoking 100 cigarettes in their lifetime and reported currently smoking every day or some days.

STATE: Data are from 1999-2001 from Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System Online Prevalence Data, 1995-2001, available at http://www.cdc.gov/brfss/ [hereinafter BRFSS] (unpublished data request from Office on Smoking and Health, CDC).
NATIONAL: Data are from 1999-2001 from National Center for Health Statistics, National Health Interview Survey, available at http://www.cdc.gov/nchs/nhis.htm (unpublished data request from Office on Smoking and Health, CDC) [hereinafter NHIS]. National data by education are for women aged 25 and older.

## Current Smoking, Adults (\%)

|  | State <br> Overall Data | State Grade | State <br> Rank |
| :---: | :---: | :---: | :---: |
| Alabama | 21.8 | F | 32 |
| Alaska | 26.2 | F | 48 |
| Arizona | 18.5 | U | 4 |
| Arkansas | 24.4 | F | 44 |
| California | 14.6 | S- | 2 |
| Colorado | 21.3 | F | 29 |
| Connecticut | 20.1 | U | 14 |
| Delaware | 22.0 | F | 34 |
| District of Columbia | 18.9 | U | 8 |
| Florida | 20.2 | U | 15 |
| Georgia | 20.8 | F | 22 |
| Hawaii | 16.6 | S- | 3 |
| Idaho | 20.3 | F | 16 |
| Illinois | 20.9 | F | 24 |
| Indiana | 24.8 | F | 46 |
| lowa | 20.6 | F | 19 |
| Kansas | 19.4 | U | 10 |
| Kentucky | 28.0 | F | 50 |
| Louisiana | 21.2 | F | 28 |
| Maine | 21.1 | F | 27 |
| Maryland | 18.7 | U | 6 |
| Massachusetts | 19.3 | U | 9 |
| Michigan | 23.6 | F | 41 |
| Minnesota | 18.6 | U | 5 |
| Mississippi | 21.0 | F | 25 |
| Missouri | 24.3 | F | 43 |
| Montana | 21.3 | F | 29 |
| Nebraska | 20.0 | U | 13 |
| Nevada | 28.5 | F | 51 |
| New Hampshire | 23.2 | F | 38 |
| New Jersey | 19.7 | U | 11 |
| New Mexico | 20.7 | F | 21 |
| New York | 21.0 | F | 25 |
| North Carolina | 23.4 | F | 39 |
| North Dakota | 20.4 | F | 17 |
| Ohio | 26.2 | F | 48 |
| Oklahoma | 24.5 | F | 45 |
| Oregon | 19.7 | U | 11 |
| Pennsylvania | 22.8 | F | 37 |
| Rhode Island | 22.3 | F | 35 |
| South Carolina | 21.8 | F | 32 |
| South Dakota | 21.6 | F | 31 |
| Tennessee | 23.6 | F | 41 |
| Texas | 18.8 | U | 7 |
| Utah | 11.6 | S | 1 |
| Vermont | 20.8 | F | 22 |
| Virginia | 20.6 | F | 19 |
| Washington | 20.4 | F | 17 |
| West Virginia | 25.6 | F | 47 |
| Wisconsin | 23.4 | F | 39 |
| Wyoming | 22.7 | F | 36 |


| S: | 1 |
| :--- | ---: |
| S-: | 2 |
| U: | 12 |
| F: | 36 |

## What percentage of girls in grades 9-12 smoke?

The negative health consequences of smoking are directly related to how long and how much a person smokes. ${ }^{183}$ More than 80 percent of women who have ever smoked reported trying a cigarette before age 18 , and women who start smoking as adolescents are more likely to be heavy adult smokers and to become dependent on nicotine than are those who start later. ${ }^{184}$ The benchmark for this indicator is the Healthy People 2010 goal of reducing cigarette smoking in the past month by students in grades 9-12 to 16 percent. ${ }^{185}$ The Report Card does not grade this indicator, however, because consistent data are not available for all states.

## Current Smoking, Grades 9-12 (\%)

|  | $\begin{gathered} \text { State } \\ \text { Overall } \\ \text { Data } \\ \hline \end{gathered}$ |
| :---: | :---: |
| Alabama | 22.7 |
| Alaska |  |
| Arizona |  |
| Arkansas | 32.1 |
| California | 20.4 |
| Colorado | 29.3 |
| Connecticut | 26.0 |
| Delaware | 23.4 |
| District of Columbia | 12.3 |
| Florida | 22.9 |
| Georgia |  |
| Hawaii | 18.0 |
| Idaho | 17.1 |
| Illinois | 26.6 |
| Indiana | 27.5 |
| lowa | 29.5 |
| Kansas | 27.5 |
| Kentucky | 34.1 |
| Louisiana | 23.0 |
| Maine | 26.6 |
| Maryland | 23.8 |
| Massachusetts | 27.0 |
| Michigan | 27.2 |
| Minnesota | 32.6 |
| Mississippi | 24.6 |
| Missouri | 30.4 |
| Montana | 31.8 |
| Nebraska | 31.6 |
| Nevada | 25.8 |
| New Hampshire |  |
| New Jersey | 28.9 |
| New Mexico |  |
| New York | 32.8 |
| North Carolina | 27.2 |
| North Dakota | 35.5 |
| Ohio | 33.7 |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania | 28.3 |
| Rhode Island | 25.6 |
| South Carolina | 26.8 |
| South Dakota | 34.4 |
| Tennessee | 28.4 |
| Texas | 24.9 |
| Utah | 9.6 |
| Vermont | 26.0 |
| Virginia |  |
| Washington |  |
| West Virginia | 40.6 |
| Wisconsin | 36.7 |
| Wyoming | 29.6 |

Data Source: Current Smoking, Grades 9-12 (\%), 2000 \& 2001.
EXPLANATION: This measure includes the percentage of students who reported smoking cigarettes on one or more of the past 30 days.

STATE: Data for AL, AR, CO, DE, FL, HI, ID, IL excluding Chicago, IN, IA, KY, LA excluding New Orleans, ME, MA, MI, MS, MO, MT, NE, NV, NJ, NY excluding New York City, NC, ND, RI, SC, SD, TN, TX, UT, VT, WI, WY are from Centers for Disease Control and Prevention, Assessing Health Risk Behaviors Among Young People: Youth Risk Behavior Surveillance System Youth 2001 Online, available at http://www.cdc.gov/nccdphp/dash/yrbs/ [hereinafter YRBSS] (data for CO, HI, IL, IN, IA, KY, LA, NE, NY, SC, and TN are unweighted). Data for CA, CT, DC, KS, MD, MN, OH, WV are from " 2000 Youth Tobacco Survey (YTS)" and data for PA are from " 2001 YTS," in Centers for Disease Control and Prevention, Tobacco Control State Highlights 2002: Impact and Opportunity (Atlanta, GA: Centers for Disease Control and Prevention, Office on Smoking and Health, 2002), available at http://www.cdc.gov/tobacco/statehi/statehi_2002.htm.

NATIONAL: Data are from the national 2001 YRBSS (see above) and are representative of students in grades 9-12 in public and private schools in the 50 states and the District of Columbia. National data by race are from "Youth Risk Behavior Surveillance—United States, 2001," MMWR Surveillance Summary 51 (SS04) (June 28, 2002), 1-64. Both the YRBSS and the YTS are random design and self-administered surveys in the classroom for students in grades 9-12 and define current smokers as those students who reported smoking cigarettes on one or more of the past 30 days.

## What percentage of pregnant women smoke?

Smoking during pregnancy is linked to many adverse health outcomes for women and their fetuses and infants, as described in Chapter II. Girls aged 15-19 are most likely to smoke during pregnancy, ${ }^{186}$ and young first-time mothers who smoke appear to be at greater risk for low birth weight infants than are older first-time mothers who smoke. ${ }^{187}$ In addition to the health consequences, smoking results in financial costs for women and their families, as well as the health care system. The medical costs of a complicated birth are over 60 percent higher for smokers than for nonsmokers. ${ }^{188}$ The Report Card benchmark is the Healthy People 2010 goal of increasing abstinence from smoking among pregnant women to 99 percent. ${ }^{189}$

Cessation programs for pregnant women not only reduce the adverse health consequences of smoking during pregnancy, but also provide economic benefits for insurers and the health care system in general. One study estimated the savings from reducing the number of low birth weight infants in the United States by reducing smoking among pregnant women before or during the first trimester. The study found that a decline in smoking among pregnant women of one percentage point in a year would prevent 1,300 low birth weight infants and save $\$ 21$ million in direct medical costs in the first year alone. ${ }^{191}$

Data Source: Smoking During Pregnancy, All Ages (\%), 2000.
EXPLANATION: This measure includes the percentage of women who reported smoking during pregnancy on the birth certificate and is based on all live births.
STATE: In 2000, data on smoking during pregnancy were reported on birth certificates in a standard format in all states except California. Overall state data are from 2000, Annie E. Casey Foundation, The Right Start for America's Newborns: A Decade of City and State Trends (1990-2000), available at http://www.aecf.org/kidscount/rightstart2003 (compilation of data from birth certificates) [hereinafter The Right Start]. Data for CA were obtained from the 2000 Maternal and Infant Health Assessment Survey (MIHA), a statewide, representative mailed survey of women delivering live births in CA, which defines smoking during pregnancy as any self-reported maternal smoking during the first and/or third trimesters of pregnancy. The methodologies for obtaining information from the birth certificate vs. a mailed survey are different and MIHA may show higher estimates than information obtained from the birth certificate. Maternal smoking is believed to be underreported on the birth certificate due to several factors, including the lack of a specific time reference for smoking status, variations in the source of information for each birth, and the stigma associated with smoking, which may be greater in cases of poor birth outcome. ${ }^{190}$ State data for pregnant women smoking aged 15-19 are from 1998-1999 (data for CA and SD are not available; data for NY and IN are only for 1999), T.J. Mathews, "Smoking During Pregnancy in the 1990s," National Vital Statistics Reports 49 no. 7. (Hyattsville, MD: National Center for Health Statistics, August 28, 2001), available at http://www.cdc.gov/nchs/data/nvsr/nvsr49/nvsr49_07.pdf [hereinafter Matthews].
NATIONAL: Overall data are from The Right Start (see above). Data on smoking during pregnancy are not collected on the CA birth certificate and therefore not included in the national data. Data for pregnant women by race/ethnicity and age are from 1998-1999 (excludes data for CA and SD, which did not collect this information in 1999); data for pregnant women by race/ethnicity and education are for women age 20 years and older and are from 1999 (excludes data for CA and SD, which did not collect this information in 1999) and are from Mathews (see above).


|  | State <br> Overall Data | State <br> Grade | State <br> Rank |
| :---: | :---: | :---: | :---: |
| Alabama | 12.6 | U | 23 |
| Alaska | 18.5 | F | 44 |
| Arizona | 6.9 | S- | 3 |
| Arkansas | 18.2 | F | 42 |
| California | 9.8 | U | 15 |
| Colorado | 9.4 | U | 11 |
| Connecticut | 8.2 | S- | 6 |
| Delaware | 13.1 | U | 26 |
| District of Columbia | 2.6 | S- | 1 |
| Florida | 9.5 | U | 13 |
| Georgia | 8.4 | S- | 8 |
| Hawaii | 7.8 | S- | 4 |
| Idaho | 12.6 | U | 23 |
| Illinois | 10.9 | U | 18 |
| Indiana | 20.3 | F | 48 |
| lowa | 17.5 | F | 38 |
| Kansas | 13.0 | U | 25 |
| Kentucky | 24.6 | F | 50 |
| Louisiana | 9.4 | U | 11 |
| Maine | 17.9 | F | 39 |
| Maryland | 9.3 | U | 10 |
| Massachusetts | 9.9 | U | 17 |
| Michigan | 15.8 | F | 32 |
| Minnesota | 11.1 | U | 20 |
| Mississippi | 12.3 | U | 22 |
| Missouri | 18.3 | F | 43 |
| Montana | 17.9 | F | 39 |
| Nebraska | 14.9 | F | 31 |
| Nevada | 11.0 | U | 19 |
| New Hampshire | 16.0 | F | 33 |
| New Jersey | 9.7 | U | 14 |
| New Mexico | 9.8 | U | 15 |
| New York | 9.0 | U | 9 |
| North Carolina | 14.0 | F | 29 |
| North Dakota | 18.0 | F | 41 |
| Ohio | 19.0 | F | 45 |
| Oklahoma | 17.3 | F | 37 |
| Oregon | 13.4 | U | 27 |
| Pennsylvania | 16.7 | F | 35 |
| Rhode Island | 14.6 | F | 30 |
| South Carolina | 12.0 | U | 21 |
| South Dakota | 19.8 | F | 46 |
| Tennessee | 17.0 | F | 36 |
| Texas | 6.5 | S- | 2 |
| Utah | 8.0 | S- | 5 |
| Vermont | 19.9 | F | 47 |
| Virginia | 8.3 | S- | 7 |
| Washington | 13.5 | U | 28 |
| West Virginia | 26.3 | F | 51 |
| Wisconsin | 16.5 | F | 34 |
| Wyoming | 21.1 | F | 49 |


| S: | 0 |
| :--- | ---: |
| S-: | 8 |
| U: | 20 |
| F: | 23 |

What percentage of women quit smoking for one day or longer in the past year?
The most important action smokers can take to improve their health is to quit smoking, but research shows that to truly quit smoking may take several attempts. ${ }^{192}$ In 2000, 70 percent of smokers reported wanting to quit smoking, and over 40 percent tried to quit smoking for at least one day, but only five percent succeeded in quitting for three months or more. ${ }^{193}$ Women are at least as likely to attempt to quit smoking and to succeed as men. ${ }^{194}$ The Report Card benchmark is the Healthy People 2010 goal of increasing smoking cessation attempts by adult smokers to 75 percent. ${ }^{195}$

## Data Source: Trying to Quit, Adults (\%), 2000.

EXPLANATION: This measure includes respondents aged 18 and older answering "yes" to the following question on the surveys listed below: "During the past 12 months, have you quit smoking for 1 day or longer (women who smoke everyday) because you were trying to quit smoking?"

## Trying to Quit, Adults (\%)

|  | State <br> Overall Data | State Grade | $\begin{aligned} & \text { State } \\ & \text { Rank } \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| Alabama | 47.6 | F | 34 |
| Alaska | 56.3 | F | 4 |
| Arizona | 54.5 | F | 5 |
| Arkansas | 42.6 | F | 49 |
| California | 53.5 | F | 8 |
| Colorado | 51.2 | F | 19 |
| Connecticut | 52.0 | F | 15 |
| Delaware | 47.0 | F | 36 |
| District of Columbia | 54.5 | F | 5 |
| Florida | 49.0 | F | 28 |
| Georgia | 53.5 | F | 8 |
| Hawaii | 65.2 | S- | 1 |
| Idaho | 45.4 | F | 40 |
| Illinois | 48.5 | F | 30 |
| Indiana | 48.7 | F | 29 |
| lowa | 50.8 | F | 20 |
| Kansas | 46.9 | F | 37 |
| Kentucky | 50.4 | F | 22 |
| Louisiana | 48.4 | F | 31 |
| Maine | 51.5 | F | 17 |
| Maryland | 50.2 | F | 25 |
| Massachusetts | 52.9 | F | 12 |
| Michigan | 58.9 | U | 2 |
| Minnesota | 48.2 | F | 33 |
| Mississippi | 43.9 | F | 48 |
| Missouri | 46.2 | F | 39 |
| Montana | 50.3 | F | 23 |
| Nebraska | 42.3 | F | 50 |
| Nevada | 38.4 | F | 51 |
| New Hampshire | 58.0 | U | 3 |
| New Jersey | 50.6 | F | 21 |
| New Mexico | 53.9 | F | 7 |
| New York | 51.9 | F | 16 |
| North Carolina | 51.3 | F | 18 |
| North Dakota | 44.6 | F | 42 |
| Ohio | 46.4 | F | 38 |
| Oklahoma | 53.0 | F | 11 |
| Oregon | 53.2 | F | 10 |
| Pennsylvania | 44.1 | F | 45 |
| Rhode Island | 44.0 | F | 47 |
| South Carolina | 44.9 | F | 41 |

## What percentage of girls in grades 9-12 tried to quit smoking in the past year?

 Quitting smoking is no easier for adolescents than it is for adults, and the overwhelming majority of youth who try to quit do so without using any cessation methods, such as school or community programs, telephone counseling, or nicotine replacement therapy. A recent survey reveals that girls are more likely than boys to attempt to quit smoking, but they are also more likely than boys to report that their attempts to reduce or quit smoking were unsuccessful. ${ }^{196}$ The proportion of young girls who try to quit smoking decreases as their age increases, emphasizing the need for intervention early in young girls' lives. ${ }^{197}$ The benchmark for this indicator is the Healthy People 2010 goal of increasing tobacco use cessation attempts by adolescent smokers to 84 percent. ${ }^{198}$ The Report Card does not grade this indicator, however, because consistent data are not available for all states.Girls, Sports, and Reduced Smoking: Girls who play sports are less likely to smoke or use drugs, and have lower rates of both sexual activity and pregnancy. ${ }^{199}$ Sports participation also decreases a young woman's chance of developing heart disease, osteoporosis, breast cancer, and other health related problems. ${ }^{200}$ There are psychological benefits too: young women who play sports have a higher level of self-esteem, a lower incidence of depression, and a more positive body image. ${ }^{201}$

Trying to Quit, Grades 9-12 (\%)

|  | State <br> Overal Data |
| :---: | :---: |
| Alabama | 59.0 |
| Alaska |  |
| Arizona |  |
| Arkansas | 61.0 |
| California |  |
| Colorado | 69.5 |
| Connecticut |  |
| Delaware | 58.2 |
| District of Columbia |  |
| Florida | 56.5 |
| Georgia |  |
| Hawaii | 68.6 |
| Idaho | 66.3 |
| Illinois | 62.4 |
| Indiana | 63.0 |
| lowa | 56.7 |
| Kansas |  |
| Kentucky | 55.3 |
| Louisiana | 63.8 |
| Maine | 62.7 |
| Maryland |  |
| Massachusetts |  |
| Michigan | 68.3 |
| Minnesota |  |
| Mississippi | 67.6 |
| Missouri | 65.2 |
| Montana | 72.5 |
| Nebraska | 61.6 |
| Nevada |  |
| New Hampshire |  |
| New Jersey | 50.2 |
| New Mexico |  |
| New York | 59.6 |
| North Carolina | 63.1 |
| North Dakota | 62.1 |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island | 61.5 |
| South Carolina | 59.6 |
| South Dakota | 71.3 |
| Tennessee | 57.1 |
| Texas | 56.7 |
| Utah |  |
| Vermont | 52.2 |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin | 57.8 |
| Wyoming | 63.3 |

Data Source: Trying to Quit, Grades 9-12 (\%), 2001.
EXPLANATION: This measure includes the percentage of students who were current smokers and have tried to quit smoking during the past 12 months.

STATE: Data are from the 2001 YRBSS (see Data Source, supra page 83).
NATIONAL: Data are from the national 2001 YRBSS and are representative of students in grades 9-12 in public and private schools in the 50 states and the District of Columbia.

## What percentage of women report receiving smoking cessation advice from their doctor in the past year?

Doctors' advice to quit smoking is a major factor affecting cessation. Studies show that 70 percent or more of women who smoke see a physician each year, and that doctors' advice to quit increases cessation rates. Thus, health care providers have important opportunities to advise women and girls to quit smoking. ${ }^{202}$ The Report Card benchmark is the Healthy People 2000 goal of increasing to at least 75 percent the proportion of primary care and oral health care providers who advise patients who smoke to quit. ${ }^{203}$

Studies have shown that Hispanic women who smoke are less likely than white or black women to receive advice from a physician to quit smoking, and that neither language barriers nor the number of visits to doctors explain the difference. ${ }^{204}$

Data Source: Receiving Smoking Cessation Advice by Physician (\%), 1998-1999.
EXPLANATION: This measure is the percentage of respondents aged 18 and older who reported receiving smoking cessation advice by a physician in the past year among current smokers seeing a doctor in the past year.
STATE AND NATIONAL: Data are from National Cancer Institute, Tobacco Use Supplement to the 1998-1999 Current Population Survey (the data do not include oral health care providers) (unpublished data from National Cancer Institute (NCI)) [hereinafter TUS-CPS]. The national number is a median of the 50 states and D.C.

## Receiving Smoking Cessation Advice by Physician (\%)

|  | State <br> Overall Data | State Grade | State Rank |
| :---: | :---: | :---: | :---: |
| Alabama | 52.1 | F | 49 |
| Alaska | 63.9 | U | 17 |
| Arizona | 54.8 | F | 44 |
| Arkansas | 53.1 | F | 46 |
| California | 56.8 | F | 42 |
| Colorado | 64.8 | U | 13 |
| Connecticut | 70.7 | S- | 4 |
| Delaware | 62.7 | U | 21 |
| District of Columbia | 62.2 | U | 22 |
| Florida | 60.3 | U | 31 |
| Georgia | 54.9 | F | 43 |
| Hawaii | 68.3 | S- | 6 |
| Idaho | 61.9 | U | 24 |
| Illinois | 63.3 | U | 18 |
| Indiana | 57.4 | F | 38 |
| lowa | 50.1 | F | 50 |
| Kansas | 52.3 | F | 48 |
| Kentucky | 57.6 | F | 36 |
| Louisiana | 61.0 | U | 27 |
| Maine | 63.2 | U | 19 |
| Maryland | 62.9 | U | 20 |
| Massachusetts | 71.6 | S- | 3 |
| Michigan | 69.9 | S- | 5 |
| Minnesota | 64.6 | U | 14 |
| Mississippi | 58.1 | F | 34 |
| Missouri | 61.0 | U | 28 |
| Montana | 60.5 | U | 30 |
| Nebraska | 52.4 | F | 47 |
| Nevada | 53.4 | F | 45 |
| New Hampshire | 67.0 | S- | 7 |
| New Jersey | 61.6 | U | 25 |
| New Mexico | 60.9 | U | 29 |
| New York | 64.4 | U | 15 |
| North Carolina | 64.1 | U | 16 |
| North Dakota | 43.8 | F | 51 |
| Ohio | 65.7 | S- | 10 |
| Oklahoma | 58.9 | F | 33 |
| Oregon | 65.5 | U | 12 |
| Pennsylvania | 65.6 | U | 11 |
| Rhode Island | 75.7 | S | 1 |

What percentage of women do not have health insurance?
Without health insurance, most women cannot obtain appropriate health care, let alone most forms of smoking cessation treatment or diagnoses and treatment of smoking-related illnesses. Many state Medicaid programs cover some form of smoking cessation treatment, while a few states are beginning to address private insurance cessation coverage. Although the lack of health insurance is a significant problem for both men and women, women face special challenges. A 2001 report by The Commonwealth Fund reveals that nationally, the number of women without health insurance grew three times faster than the number of men without health insurance over the previous five years. ${ }^{205}$ In addition, uninsured women are less likely to have a regular doctor than insured women. ${ }^{206}$ The Report Card benchmark is the Healthy People 2010 benchmark of 100 percent health insurance coverage for all people. ${ }^{207}$

Data Source: No Health Insurance (\%), 2001-2002.
EXPLANATION: This measure includes women aged 18-64 in the non-institutionalized civilian population who report that they do not have health insurance.

No Health Insurance (\%)

|  | State <br> Overall Data | State Grade | State Rank |
| :---: | :---: | :---: | :---: |
| Alabama | 16.2 | F | 31 |
| Alaska | 18.3 | F | 40 |
| Arizona | 18.2 | F | 37 |
| Arkansas | 21.5 | F | 46 |
| California | 21.7 | F | 47 |
| Colorado | 16.1 | F | 30 |
| Connecticut | 12.3 | U | 16 |
| Delaware | 9.7 | U | 5 |
| District of Columbia | 12.5 | U | 18 |
| Florida | 20.7 | F | 45 |
| Georgia | 18.0 | F | 36 |
| Hawaii | 10.6 | U | 8 |
| Idaho | 18.3 | F | 38 |
| Illinois | 16.6 | F | 32 |
| Indiana | 13.4 | U | 22 |
| lowa | 10.5 | U | 6 |
| Kansas | 14.2 | U | 25 |
| Kentucky | 17.2 | F | 35 |
| Louisiana | 24.7 | F | 49 |
| Maine | 12.1 | U | 13 |
| Maryland | 12.2 | U | 14 |
| Massachusetts | 9.1 | U | 4 |
| Michigan | 12.0 | U | 12 |
| Minnesota | 8.6 | S- | 2 |
| Mississippi | 18.9 | F | 43 |
| Missouri | 12.4 | U | 17 |
| Montana | 18.5 | F | 41 |
| Nebraska | 10.5 | U | 7 |
| Nevada | 17.0 | F | 34 |
| New Hampshire | 10.6 | U | 8 |
| New Jersey | 15.4 | F | 28 |
| New Mexico | 29.5 | F | 51 |
| New York | 18.8 | F | 42 |
| North Carolina | 16.9 | F | 33 |
| North Dakota | 12.7 | U | 19 |
| Ohio | 13.5 | U | 23 |
| Oklahoma | 22.2 | F | 48 |
| Oregon | 14.4 | U | 26 |
| Pennsylvania | 10.8 | U | 10 |
| Rhode Island | 8.7 | S- | 3 |
| South Carolina | 12.8 | U | 20 |
| South Dakota | 12.3 | U | 15 |
| Tennessee | 12.9 | U | 21 |
| Texas | 26.0 | F | 50 |
| Utah | 14.5 | U | 27 |
| Vermont | 10.9 | U | 11 |
| Virginia | 13.8 | U | 24 |
| Washington | 15.8 | F | 29 |
| West Virginia | 18.3 | F | 39 |
| Wisconsin | 8.0 | S- | 1 |
| Wyoming | 20.3 | F | 44 |


| S: | 0 |
| :--- | ---: |
| S-: | 3 |
| U: | 24 |
| F: | 24 |

STATE and NATIONAL: Data are from The Henry J. Kaiser Family Foundation, "State Estimates of Health Insurance Coverage of Women Ages 18 to 64, 2000-2001," March 2003 (based on Current Population Survey data). Data by race/ethnicity are from the 2000-2001 Current Population Survey (unpublished data request from Office on Smoking and Health, CDC).

## What percentage of women report a worksite policy probibiting smoking in indoor public common and work areas?

The U.S. Environmental Protection Agency and other national and international agencies have classified second-hand smoke as a cancer-causing substance. ${ }^{208}$ Like cigarette smoking, second-hand smoke can lead to lung cancer, heart disease, and other life-threatening conditions for smokers and also for nonsmokers, making it a major public health hazard. ${ }^{209}$ Second-hand smoke exposure caused about 20,000 heart disease deaths and about 2,000 lung cancer deaths among women every year during 1995 to 1999. ${ }^{210}$ The Report Card benchmark is the Healthy People 2010 goal of increasing the proportion of worksites with formal smoking policies that prohibit smoking or limit it to separately ventilated areas to 100 percent. ${ }^{211}$

A smoke-filled room has six times the pollution of a busy highway. ${ }^{212}$

## Data Source: Reporting Smoke Ban at Work (\%), 1998-1999.

EXPLANATION: This measure includes worksite data collected from women aged 18 and older who reported having a worksite policy stating that smoking was not allowed in indoor public or common areas and work areas.

STATE AND NATIONAL: Data are from TUS-CPS (see Data Source, supra page 87).

## What percentage of women report having a rule that smoking is not allowed anywhere

 in the home?Second-hand smoke is a problem in the home as well as in the workplace. About nine percent of women report that their only exposure to smoke is that of someone else smoking in the home, ${ }^{213}$ and for children under the age of five, substantial exposure to cigarette smoke occurs in the home. ${ }^{214}$ The Report Card adapted the Healthy People 2010 benchmark for worksites (see above) for this indicator. Therefore, the Report Card benchmark is to increase to 100 percent the proportion of people reporting a home ban.

Data Source: Reporting Smoke Ban at Home (\%), 1998-1999.
EXPLANATION: This measure includes home ban data collected from women aged 18 and older who reported having a rule that smoking was not allowed anywhere in their home based on agreement on the rule among all persons surveyed in the household.
STATE AND NATIONAL: Data are from TUS-CPS (see Data Source, supra page 87).

## How many women die from lung cancer?

Lung cancer is the leading cause of cancer death among women in the United States and the second most common cause of death for women overall. Smoking is the primary cause of lung cancer and accounts for about 85-90 percent of all lung cancer deaths. ${ }^{215}$ Because there are large gender differences in lung cancer death rates, and the Healthy People 2010 benchmark is not specific to women, the Report Card benchmark of 17.7 per 100,000 is based upon a modification of the Healthy People goal, as described in the Methodology section, to make it women-specific.

Data Source: Lung Cancer Death Rate (per 100,000 people), 1997-1999.
EXPLANATION: Lung cancer includes malignant neoplasms of the trachea, bronchus, and lung. Lung cancer death rates for women are three-year averages and are per 100,000 estimated population. Death rates for all ages include deaths occurring at any age, and are age-adjusted to the U.S. 2000 standard population.

STATE AND NATIONAL: Data are from the National Center for Health Statistics (NCHS), "Healthy Women: State Trends in Health and Mortality," available at http://www.cdc.gov/nchs/healthywomen.htm (electronic data warehouse on minority and women's health, containing tables that describe the health of people in each state by sex, race, and age that can be accessed by downloading free data dissemination software called Beyond 20/20) [hereinafter "Healthy Women"].

## How many women die from Chronic Obstructive Pulmonary Disease?

Chronic Obstructive Pulmonary Disease (COPD), also called Chronic Lower Respiratory Disease, is the fourth leading cause of death among women in the United States. ${ }^{216}$ Smoking is by far the most significant cause of this disease, causing 90 percent of the deaths due to Chronic Lower Respiratory Disease. ${ }^{217}$ Because the Healthy People 2010 benchmark is not specific to women, and to have a consistent methodology across the disease measures, the Report Card benchmark of 49.6 per 100,000 is based upon a modification of the Healthy People goal, as described in the Methodology section, to make it women-specific.

Data Source: Chronic Obstructive Pulmonary Disease Death Rate (per 100,000 people), 1997-1999.
EXPLANATION: Also called Chronic Lower Respiratory Disease, this disease includes bronchitis, emphysema, asthma, bronchiectasis, and other chronic obstructive pulmonary disease. Chronic Lower Respiratory Disease death rates for women are three-year averages and are per 100,000 estimated population. Death rates are calculated by dividing the number of deaths in the three years by the mid-year resident population multiplied by three. Death rates for ages 45 and older include deaths occurring at ages 45 years and older, and are age-adjusted to the U.S. 2000 standard population.

## Chronic Obstructive Pulmonary Disease Death Rate (per 100,000)

| State |  |  |
| :---: | :---: | :---: |
| Overall | State | Stat |
| Data | Grade | Rank |


| Alabama | 95.7 | U | 17 |
| :--- | ---: | ---: | ---: | ---: |
| Alaska | 124.5 | F | 43 |
| Arizona | 131.1 | F | 45 |
| Arkansas | 103.4 | U | 27 |
| California | 114.7 | F | 36 |


| Connecticut | 93.3 | U | 15 |
| :--- | ---: | :---: | :---: |
| Delaware | 111.9 | F | 32 |
| District of Columbia | 65.4 | S- | 2 |


| Florida | 106.2 | $U$ | 29 |
| :--- | :---: | :---: | :---: |
| Georgia | 100.7 | $U$ | 22 |

Ida

| Illinois | 93.0 | U | 14 |
| :--- | ---: | ---: | :--- |
| Indiana | 117.3 | F | 38 |
| lowa | 91.6 | U | 12 |


| Kentucky | 123.8 | F | 42 |
| :--- | ---: | :---: | :---: |
| Louisiana | 90.2 | U | 9 |
| Maine | 130.0 | F | 44 |
| Maryland | 103.3 | U | 26 |
| Massachusetts | 98.5 | U | 20 |
| Michigan | 97.8 | U | 19 |
| Minnesota | 90.2 | U | 9 |


| Mississippi | 90.2 | U | 9 |
| :--- | ---: | :---: | :---: |
| Missouri | 111.6 | F | 31 |
| Montana | 141.3 | F | 49 |


| Nevada | 171.4 | F |
| :--- | ---: | ---: |
| New Hampshire | 133.2 | F |
| New Jersey | 86.3 | U |


| New Mexico | 121.9 | F | 39 |
| :--- | ---: | ---: | :---: |
| New York | 85.3 | S- | 6 |


| North Carolina | 101.5 | U | 23 |
| :--- | ---: | ---: | ---: |
| North Dakota | 72.6 | S- | 3 |


| Ohio | 113.1 | F |
| :--- | :--- | :--- |
| Oklahoma | 113.8 | F |
|  | 123.2 | F |


| Oregon | 123.2 | F |
| :--- | ---: | ---: |
| Pennsylvania | 91.9 | U |


| Rhode Island | 93.4 | U | 16 |
| :--- | :--- | :--- | :--- |
| South Carolina | 97.5 | U | 18 |


| South Dakota | 80.9 | S- | 5 |
| :--- | ---: | ---: | :---: |
| Tennessee | 106.1 | U | 28 |
| Texas | 106.4 | U | 30 |


| Utah | 74.5 | S- | 4 |
| :--- | ---: | :---: | :---: |
| Vermont | 116.1 | F | 37 |
| Virginia | 101.5 | U | 23 |
| Washington | 123.2 | F | 40 |
| West Virginia | 131.6 | F | 46 |
| Wisconsin | 88.4 | U | 8 |
| Wyoming | 158.4 | F | 50 |


| S: | 1 |
| :--- | ---: |
| S-: | 5 |
| U: | 24 |
| F: | 21 |

STATE AND NATIONAL: Data are from "Healthy Women" (see Data Source, supra page 91).

## How many women die from coronary heart disease?

Coronary heart disease, commonly called "heart disease," is the single leading cause of death among women in the United States. ${ }^{218}$ While other health-related factors can contribute to the risk for coronary heart disease (including diabetes, high blood pressure and obesity), smoking is key among them. For women under the age of 50 , the majority of coronary heart disease is attributable to smoking. ${ }^{219}$ Because there are large gender differences in smoking-attributable mortality, and the Healthy People 2010 benchmark is not specific to women, the Report Card benchmark of 93.9 per 100,000 is based upon a modification of the Healthy People goal, as described in the Methodology section, to make it women-specific.

## Data Source: Coronary Heart Disease Death Rate (per 100,000 people), 1997-1999.

EXPLANATION: Coronary heart disease includes ischemic heart disease including mention of hypertension, angina pectoris, myocardial infarction, complications following myocardial infarction, other acute ischemic heart diseases and chronic ischemic heart disease. Coronary heart disease death rates for women are three-year averages and are per 100,000 estimated population. Death rates for all ages include deaths occurring at any age, and are age-adjusted to the U.S. 2000 standard population.

## Coronary Heart Disease Death Rate (per 100,000)

|  | State <br> Overall <br> Data | State <br> Grade | Stank |
| :--- | ---: | :---: | :---: |$|$

## How many women die from stroke?

Stroke is the third leading cause of death among women in the United States. ${ }^{220}$ Twentyfive percent of women will die within a year after their first stroke, and among women under the age of 65 who have a stroke, 53 percent will die in eight years or less. ${ }^{221}$ While other health-related factors can contribute to the risk for stroke (including diabetes, high blood pressure, and obesity), smoking is a very important factor. ${ }^{222}$ Because the Healthy People 2010 benchmark is not specific to women, and to have a consistent methodology across the disease measures, the Report Card benchmark of 42.2 per 100,000 is based upon a modification of the Healthy People goal, as described in the Methodology section, to make it women-specific.

Data Source: Stroke Death Rate (per 100,000 people), 1997-1999.
EXPLANATION: Stroke includes cerebrovascular diseases with mention of hypertension. Stroke death rates for women are three-year averages and are per 100,000 estimated population. Death rates for all ages include deaths occurring at any age, and are age-adjusted to the U.S. 2000 standard population.

STATE AND NATIONAL: Data are from "Healthy Women" (see Data Source, supra page 91).

## Status Indicator Methodology

The following section describes the criteria for selection, data sources and limitations, and grading and ranking of the health status indicators.

## Criteria for Indicator Selection

The Women and Smoking Report Card is designed to present a broad assessment of women's health as it relates to smoking and the challenges that the country must meet to prevent and reduce smoking among women and girls. The health status indicators included in this Report Card are women-specific and address some of the most important issues pertaining to women and smoking within the parameters of the data that were available. ${ }^{223}$ Smokingrelated health status indicators were selected based primarily on whether they had a significant impact on women's quality of life, functioning, and well-being, and whether they affected a large number of women generally or a large number of women in a specific population and/or age group. Additional criteria were whether the indicator could be affected through intervention, prevention, or improvement; was potentially measurable; was commonly used or there existed consensus on use; or reflected an emerging important issue where the problem was increasing in prevalence, incidence, or severity. In most cases, the state data for the status indicators are disaggregated by race and ethnicity and sometimes by specific age groups. Oftentimes, data on these specific populations of women were not available, or available only at the national or state level but not both. The available information is presented on the national and state report cards in Chapter III.

## Data Sources and Limitations

The Report Card uses data from population-based surveys whenever such data are available. In addition, whenever possible, data sets were selected that had information for all states. When such data were not available, the Report Card presents similar data from several different sources when deemed acceptable by our experts; however, the Report Card does not include indicators for grading and ranking purposes if data are not available for such indicators for all states for the same time period. More detailed information, including data sources and explanations, are presented for individual indicators above. Data are presented by race and ethnicity wherever possible, and by age and/or education level where available and relevant. Data collection for the status indicators ended in May 2003.

## Grading and Ranking

The Women and Smoking Report Card grades the nation and states against benchmarks drawn primarily from the ten-year health objectives set for the nation by the U.S. Department of Health and Human Services' Healthy People 2010 agenda. A modification of the Healthy People 2010 benchmarks was used for the four disease indicators, namely the death rates for lung cancer, Chronic Obstructive Pulmonary Disease (COPD), coronary heart disease, and stroke. This modification was needed to address concerns arising from the fact that the Healthy People 2010 benchmarks for these indicators are based on data for men and women combined. Because the timing of trends in smoking and subsequent trends in smoking-related diseases have historically been different for men and women, the use of benchmarks based on men and women combined could be misleading about the current status of women specifically. Men started smoking decades before women did, achieved higher peak smoking prevalence rates, and tended to be heavier smokers. Thus, men have had considerably higher rates for these smoking-related diseases. Declines in smoking also occurred first in men and only later in women. ${ }^{224}$ Because the rates of death from diseases affected by smoking may reflect smoking patterns up to 20 or more years in the past, the current death rate based on men and women combined could reflect a declining rate in men and an increasing rate in women. For example, the lung cancer epidemic appeared in men well before the 1950s but began to reverse by the late 1980s. In women, however, it appeared later and continued to climb in most states into the 1990 s; only now is the lung cancer epidemic slowing in women, at least in some states. ${ }^{225}$ For these reasons, the Women and Smoking Report Card employs women-specific disease benchmarks, using the same principles as the Healthy People 2010 target setting standard of "better than the best." For each disease, the benchmark is set as the rate in the state that currently has the lowest death rate. Thus, Utah had the lowest death rate of lung cancer among women ( 17.7 per 100,000); this rate became the lung cancer benchmark for all other states and the nation. Similarly, Hawaii's 49.6 per 100,000 death rate for COPD and 93.9 per 100,000 death rate for heart disease, and New York's 42.4 per 100,000 death rate for stroke serve as benchmarks for those respective diseases.

Report Card Status Indicator Benchmarks

| INDICATOR |  | BENCHMARK |
| :---: | :---: | :---: |
| Current Smoking, Adults | HP 2010 Objective 27-1a | Reduce cigarette smoking among adults 18 years and older to 12\%. |
| Current Smoking, Grades 9-12 | HP 2010 Objective 27-2b | Reduce cigarette smoking in past month by students in grades 9-12 to 16\%. |
| Smoking During Pregnancy | HP 2010 Objective 16-17c | Increase abstinence from cigarette smoking among pregnant women to $99 \%$. |
| Trying to Quit, Adults | HP 2010 Objective 27-5 | Increase smoking cessation attempts by adult smokers to 75\%. |
| Trying to Quit, Grades 9-12 | HP 2010 Objective 27-7 | Increase tobacco use cessation attempts by adolescent smokers to 84\%. |
| Receiving Smoking Cessation Advice by Physician | HP 2000 Objective 3.16 ${ }^{226}$ | Increase to at least $75 \%$ proportion of primary care and oral health care providers who advise patients who smoke to quit. |
| No Health Insurance | HP 2010 Objective 1-1 | Increase proportion of persons with health insurance to 100\%. |
| Reporting Smoke Ban At Work | HP 2010 Objective 27-12 | Increase proportion of worksites with formal smoking policies that prohibit smoking or limit it to separately ventilated areas to $100 \%$. |
| Reporting Smoke Ban At Home | Adapted HP 2010 Objective 27-12 | Increase proportion of people reporting a home ban to 100\%. |
| Lung Cancer Death Rate | Adapted HP 2010 Objective 3-2* | Reduce lung cancer deaths to 17.7 per 100,000 (Utah). |
| COPD Death Rate | Adapted HP 2010 Objective 24-10* | Reduce COPD deaths to 49.6 per 100,000 for ages 45 and older (Hawaii). |
| Coronary Heart Disease Death Rate | Adapted HP 2010 Objective 12-1* | Reduce coronary heart disease deaths to 93.9 per 100,000 (Hawaii). |
| Stroke Death Rate | Adapted HP 2010 Objective 12-7* | Reduce stroke deaths to 42.2 per 100,000 (New York). |
| *The benchmarks for these indicators were adapted to be women-specific, as explained in the Grading and Ranking section. The Healthy People 2010 benchmarks for men and women combined for these indicators are as follows: lung cancer-reduce deaths to 44.9 per 100,000; COPD—reduce deaths to 60 per 100,000; coronary heart diseasereduce deaths to 166 per 100,000; and stroke-reduce deaths to 48 per 100,000. |  |  |

The nation and states are graded as follows. First, the raw data for each indicator is expressed as a percentage difference from the benchmark for that indicator. Next, the percentage differences from the benchmarks are scaled to range between 0 and 100, in order to account for the differences in the magnitude of the range of each indicator. For example, the Healthy People 2010 benchmark for increasing smoking cessation attempts is 75 percent, while the benchmark for increasing abstinence from smoking during pregnancy is 99 percent. The range for each of these benchmarks is markedly different; for example, the abstinence from smoking during pregnancy indicator has a range that is almost 25 percent larger than the range for the smoking cessation indicator. Scaling the percentage differences from a given benchmark addresses this problem (further information on how raw data was converted to scaled scores is available at this note). ${ }^{227}$

Once the states are assigned scaled scores, they are graded based on those scores. A state that meets the benchmark receives a score of 100 and a grade of "Satisfactory." A state that receives a score of between 70 and 99 receives a "Satisfactory Minus," a state that receives a score of between 50 and 69 receives an "Unsatisfactory," and a state that receives a score of below 50 receives a "Fail." The worst state receives a score of 0 . A score of 50 means that a state's performance is halfway between the worst state and the benchmark. The 70 and 50 cutoff scores were determined by a panel of experts and were chosen to reflect how far states are from the benchmarks, recognizing that states still have several years to achieve the Healthy People 2010
benchmarks. Nonetheless, a few states are already meeting these standards. A state's overall score was computed by averaging the scores on 11 individual indicators, with the "Current Smoking, Adults" indicator given twice as much weight as the others because it is the key measure for this Report Card. Each state's overall score was then used to determine both the overall grade and the rank for the state. The nation is graded in the same manner.

## Minimum Performance on Each Indicator Necessary to Receive Each Grade

|  | Minimum performance required |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Grade: | S | S- | U |
|  | Scaled Score: | 100 | $\mathbf{7 0}$ | $\mathbf{5 0}$ |
| Indicator |  |  |  |  |
| Current Smoking, Adults | $12.0 \%$ | $17.0 \%$ | $20.3 \%$ |  |
| Smoking During Pregnancy* | $1.0 \%$ | $8.6 \%$ | $13.6 \%$ |  |
| Trying to Quit, Adults | $75.0 \%$ | $64.0 \%$ | $56.7 \%$ |  |
| Receiving Smoking Cessation Advice by Physician | $75.0 \%$ | $65.6 \%$ | $59.4 \%$ |  |
| No Health Insurance* | $0.0 \%$ | $8.9 \%$ | $14.8 \%$ |  |
| Reporting Smoke Ban at Work | $100.0 \%$ | $86.8 \%$ | $78.0 \%$ |  |
| Reporting Smoke Ban at Home | $100.0 \%$ | $82.9 \%$ | $71.6 \%$ |  |
| Lung Cancer Death Rate (per 100,000) | 17.7 | 29.1 | 36.8 |  |
| COPD Death Rate (per 100,000) | 49.6 | 86.1 | 110.5 |  |
| Coronary Heart Disease Death Rate (per 100,000) | 93.9 | 131.9 | 157.3 |  |
| Stroke Death Rate (per 100,000) | 42.2 | 54.7 | 63.0 |  |

*For these two indicators, the complementary data were used for grading in order to be consistent with the relevant benchmarks listed in the benchmark chart above.

## Policy Indicators

For all the policy indicators described below, the strength of each state's policy is categorized as "Meets Policy," "Limited Policy," "Weak Policy," or "Minimal/No Policy." The Report Card authors
determined the categorizations for each of the policies after research and input from experts. (Some policies have all four categories, while others have only three or two categories, based on expert recommendations.)

Does the state offer smoking cessation counseling through a telephone quitline?
Smoking cessation support available to help people quit smoking includes a variety of medications and counseling. Many states have implemented telephone-based smoking cessation counseling services called quitlines, which are typically available toll-free to the public. Federal health organizations and health promotion advocates recommend quitline use, and data confirm their effectiveness. ${ }^{228}$ For example, analysis of the California quitline shows a doubling of cessation rates resulting from the use of telephone counseling compared with the use of self-help materials alone. ${ }^{229}$ Quitlines can be particularly valuable to low-income and rural communities that typically do not have access to cessation services. These counseling services can also be tailored to accommodate different language and cultural needs. Some states already operate quitlines for youth, ethnic minorities, pregnant women and other at-risk populations. ${ }^{230}$ States receive a "meets policy" if they offer quitline counseling. States receive a "minimal or no policy" if they do not offer quitline counseling. ${ }^{231}$

Telephone Quitline

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| Iowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |
| Meets Policy=32 |  |
| Minimal/No Policy=19 |  |

## Data Source: Telephone Quitline, 2003.

Center for Tobacco Cessation, "State Quitline Information," available at http://www.ctcinfo.org/pubs_press/policybriefs.asp?id-126, accessed August 22, 2003.

Does the state offer pregnancy-specific smoking cessation counseling through a telephone quitline?
Women who quit smoking during pregnancy and stay tobacco-free after delivery can eliminate most of the negative health consequences of having smoked. In addition, smoking cessation during pregnancy yields marked cost savings. ${ }^{232}$ It is estimated that between $\$ 1,142$ and $\$ 1,358$ per pregnancy can be saved for every pregnant smoker who quits. ${ }^{233}$ Cessation counseling is one method that has proven to be particularly effective in helping pregnant women quit. According to the 2000 U.S. Public Health Service Clinical Practice Guideline, Treating Tobacco Use and Dependence, relatively brief (5-15 minutes) cessation counseling from a prenatal care provider combined with pregnancy-tailored self-help materials has been shown to double or triple quit rates compared to minimal interventions. ${ }^{234}$ A number of states offer telephone quitlines with protocols designed to address the specific needs of pregnant women. In addition, the American Legacy Foundation, as part of its "Great Start" initiative, has partnered with other anti-smoking advocates to offer a national toll-free quitline for pregnant women available 24 hours a day, 7 days a week in English and Spanish. ${ }^{235}$ States receive a "meets policy" if their quitline has specific procedures or guidelines for pregnant women. States receive a "minimal or no policy" if their quitline does not have such procedures or guidelines.

Pregnancy-Specific Counseling on Telephone Quitline

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |

Meets Policy=28
Minimal/No Policy=23

## Does the state's Medicaid program cover comprehensive smoking cessation treatment?

Lack of health insurance coverage for smoking cessation treatment is a barrier to receiving the treatment and support needed to quit, particularly for low-income women, who have higher than average smoking rates. ${ }^{236}$ Many low-income women rely on Medicaid, the federal and state public health insurance program, for their necessary health services and information, and women comprise nearly 70 percent of the Medicaid population over age $15 .{ }^{237}$ The United States Public Health Service recommends health insurance coverage for services that have been demonstrated to help smokers quit, including counseling and medications. ${ }^{238}$ A state receives a "meets policy" if its Medicaid programs covers all three forms of smoking cessation treatment-over-the-counter medications, prescription medications, and smoking cessation counseling. A state receives a "limited policy" if its Medicaid program covers any two of the three categories of treatment. ${ }^{239} \mathrm{~A}$ state receives a "weak policy" if its Medicaid program covers only one category of treatment. A state receives a "minimal or no" policy if its Medicaid program does not cover any of the three categories of treatment.

## Providing coverage for smoking cessation treatment makes economic sense.

Employees who smoke are more costly to their employers because, among other things, they have higher health care costs, higher rates of absenteeism and lost productivity, and they contribute to illnesses in nonsmoking employees who are exposed to secondhand smoke. ${ }^{240}$ In fact, smoking-related economic costs (lost productivity and medical costs) during 1995 to 1999 totaled about $\$ 157$ billion annually, or over $\$ 3,000$ per smoker per year. ${ }^{241}$ Two recent studies suggest that the annual health care expenditures for current smokers exceed those of their nonsmoking coworkers by 14 percent. ${ }^{242}$

Insurers and employers can help reduce these smoking-related costs by providing coverage for smoking cessation treatment, which has been referred to as the "gold standard" of health care cost-effectiveness. ${ }^{243}$ One study ranks tobacco cessation advice and counseling as top priorities among recommended clinical preventive services, based on the burden of disease prevented by these services and their cost-effectiveness. ${ }^{244}$ In addition, research suggests that because more intensive interventions are more effective in helping people quit smoking, they are also more cost-effective than less intensive interventions.

In addition, investing in coverage for smoking cessation treatment produces quick returns. One study estimates that a smoking cessation program returns one-third of its costs to employers in the first year and breaks even about 3 years after inception, which is shorter than the 3.6 year median time people work for any given employer in the United States. Even assuming an annual employee turnover rate of about 11 percent, this same study estimates the final benefit-cost ratio of employers' covering smoking cessation to be almost 9:1. ${ }^{245}$

## Medicaid Smoking

 Cessation Coverage| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| Iowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
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| Massachusetts |  |
| Michigan |  |
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| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |
| Meets Policy=7 |  |
| Limited Policy=18 |  |
| Weak Policy=10 |  |
| Minimal/No Policy=16 |  |

## Data Source: Medicaid Smoking Cessation Coverage, 2001.

Helen Halpin Schauffler and others, "State Medicaid Coverage for Tobacco-Dependence Treatments-United States, 1994 and 2001," Morbidity and Mortality Weekly Report 52 (May 30, 2003), 496-500.

## Does the state's Medicaid program cover pregnancy-specific smoking cessation counseling?

Smoking among pregnant women on Medicaid is even higher than smoking among pregnant women in general. ${ }^{246}$ But pregnant women are more likely than other populations of women to be motivated to quit smoking, making pregnancy a particularly good time to provide cessation services. ${ }^{247}$ Counseling is a particularly important first line of treatment for pregnant smokers because the effects of medications used for cessation are not well known. ${ }^{248}$ While most state Medicaid programs offer coverage for some form of tobacco cessation treatment, only a handful of states provide coverage for pregnancy-specific smoking cessation counseling, which often includes home visit counseling. A state receives a "meets policy" if its Medicaid program covers pregnancy-specific smoking cessation counseling. A state receives a "minimal or no policy" if its Medicaid program does not cover this service.

## Medicaid Coverage of Pregnancy-Specific Counseling

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
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| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |

Meets Policy=16
Minimal/No Policy=35

Data Source: Medicaid Coverage of Pregnancy-Specific Counseling, 2000.
Jennifer Ibrahim and others, "Coverage of Tobacco Dependence Treatments for Pregnant Women and for Children and Their Parents," American Journal of Public Health 92 (December 2002), 1940-1942.

## Does the state require private insurers to cover comprehensive smoking cessation treatment?

The U.S. Public Health Service Clinical Practice Guideline, Treating Tobacco Use and Dependence, recommends that all insurance plans cover smoking cessation medications and counseling. ${ }^{249}$ Furthermore, studies show that when smoking cessation services are available as a fully covered health-plan benefit as opposed to a benefit requiring significant co-pays, the overall use of the benefit will increase and will result in fewer smokers. ${ }^{250}$ Despite the wealth of evidence that supports implementing cessation coverage, no state requires comprehensive private insurance coverage of the recommended treatment-namely, counseling and medications. A few states have taken steps to encourage insurers to cover programs to address the dangers of smoking, yet these policies fall short of what is necessary to decrease tobacco dependence. States receive a "meets policy" if they require private insurers to cover both smoking cessation counseling and medications without limits on the benefit. States receive a "limited policy" if they require private insurers to cover either smoking cessation counseling or medications, without a limitation on the covered benefit. States receive a "weak policy" if they require insurers only to offer employers coverage of smoking cessation treatment as a covered benefit, if they cover one of the two recommended treatment options but with a limitation on the benefit, or if they have in some minimal way identified the need for insurers to assist smokers in quitting. States receive a "minimal or no policy" if they do not address private insurance coverage of smoking cessation treatment.

Most employer-sponsored health insurance does not cover smoking cessation treatment. A 2002 survey of approximately 2,800 employers ${ }^{251}$ revealed that on average:

- Fifty-six percent of employer-sponsored plans do not cover tobacco/smoking cessation treatment.
- Only 20 percent of employer-sponsored plans cover prescription medications for cessation.
- Only 5 percent of employer-sponsored plans cover over-the-counter medications for cessation.
- Only between 7 and 12 percent of employer-sponsored plans cover cessation counseling (individual, group, and/or telephone).
- Only 10 percent of employer-sponsored plans cover self-help programs for cessation (such as brochures, videos, and Internet support).
- Only 8 percent of employer-sponsored plans cover cessation treatment as part of prenatal care. ${ }^{252}$

Private Insurance Smoking Cessation Coverage

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |

## Meets Policy=0 <br> Limited Policy=0

Weak Policy=4
Minimal/No Policy=47

## Data Source: Private Insurance Smoking Cessation Coverage, 2002.

National Conference of State Legislatures, Health Policy Tracking Service, "Smoking Cessation Coverage
Requirements" (2002) (unpublished data specifically collected for the National Women's Law Center).

## Does the state have comprehensive laws restricting second-band smoke?

Evidence suggests that restrictions on second-hand smoke not only reduce the exposure of nonsmokers to second-hand smoke, but also lead to a decline in smoking generally. ${ }^{253}$ One study of adolescents demonstrated that those who worked in smoke-free worksites were 32 percent less likely to smoke than adolescents working in places with no smoking restrictions. ${ }^{254}$ States can thus help protect nonsmokers from second-hand smoke and effect a decline in smoking by prohibiting smoking in indoor sites, including government and private worksites, schools, day care centers, health care facilities, and other places of public access. States receive a "meets policy" if they have strong laws prohibiting smoking in almost all indoor sites without exemptions and if those laws do not contain language prohibiting cities or towns from passing stricter ordinances. Some states in this category also prohibit smoking in bars. States receive a "limited policy" if they prohibit smoking in several of the identified areas with allowances for designated smoking areas in others. States receive a "weak policy" if they prohibit smoking only in a few indoor places and have weak restrictions in other such places. A significant number of states in this category have designated nonsmoking areas restricting nonsmokers to one room or certain sections of a facility. States receive a "minimal or no policy" if they have laws offering little protection from second-hand smoke in indoor sites or if they have no laws prohibiting smoking in indoor sites. There are many states in this category that do not have any restrictions for second-hand smoke and allow smoking in and around schools and child care facilities. ${ }^{255}$

Many localities restrict second-hand smoke. While only five states (California, Delaware, Maryland, New York, and Vermont) have passed comprehensive statewide laws banning smoking in indoor sites, many cities and counties across the country have enacted comprehensive ordinances prohibiting second-hand smoke. As of June 3, 2003, there were over 1,600 local second-hand smoke ordinances and regulations in the United States. ${ }^{256}$ In addition to the states with comprehensive laws, there are currently 17 states (Alaska, Arizona, Colorado, Georgia, Hawaii, Maryland,
Massachusetts, Michigan, Minnesota, Mississippi, Montana, New Mexico, New Jersey, Oregon, Texas, Wisconsin, and West Virginia) with one or more local ordinances that ban smoking in both public and private workplaces and/or restaurants. ${ }^{257}$ A number of states have smoking bans in many of their localities. For example, in Massachusetts, more than 70 jurisdictions, including Boston, have strong second-hand smoke laws prohibiting smoking in offices, restaurants, bars, and nightclubs. ${ }^{258}$

Data Source: Restrictions on Second-Hand Smoke, 2003.
States are evaluated based on whether their second-hand smoke laws are rated as comprehensive, extensive, moderate or minimal/none, according to American Lung Association (ALA), State Legislated Actions on Tobacco Issues: 2000 (2001). State laws that have changed since 2000 are evaluated in the same manner using ALA, State Legislated Actions on Tobacco Issues: 2002 (2003); ALA, State Legislated Actions on Tobacco Issues: Midterm Update, May 2003, available at http://slati.lungusa.org/reports/midtermupdate.pdf; and Coalition on Smoking OR Health, "Clean Indoor Air Matrix," undated, with additional analysis by the authors in consultation with Chris Bostic, ALA. Preemption data are from ALA, State Legislated Actions on Tobacco Issues: 2002 (2003). Data for Maine and Oklahoma are from 2003 Maine Legis. Serv. Ch. 493 (West) and 2003 Okla. Sess. Law Serv. Sen. Jt. Res. 21 (West), respectively, with additional analysis by the authors in consultation with Chris Bostic, ALA.

Restrictions on Second-Hand Smoke

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |

Meets Policy=5
Limited Policy=9
Weak Policy=13
Minimal/No Policy=24

Does the state have an excise tax on cigarettes of $\$ 1.50$ or more per pack?
Increasing the excise tax on cigarettes is one of the most effective ways to reduce smoking, particularly among youth. Current research shows that a ten percent increase in the price of cigarettes leads to an estimated seven percent reduction in teenage smoking and an estimated four percent reduction in overall cigarette sales. ${ }^{259}$ Data also indicate that policies such as tax increases may be more effective in decreasing smoking during pregnancy because the likelihood of quitting smoking is higher during this time in a woman's life. ${ }^{260}$ A state receives a "meets policy" if its excise tax is $\$ 1.50$ or more per pack (a pack is 20 cigarettes). A state receives a "limited policy" if its excise tax is between $\$ 1.00$ and $\$ 1.49$ per pack. A state receives a "weak policy" if its excise tax is between $\$ 0.50$ and $\$ 0.99$ per pack. A state receives a "minimal or no policy" if its excise tax is $\$ 0.49$ or less.

Cigarette Excise Tax

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
| Michigan |  |
| Minnesota |  |
| Mississippi |  |
| Missouri |  |
| Montana |  |
| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |
| Meets Policy=5 |  |
| Limited Policy=11 |  |
| Weak Policy=17 |  |
| Minimal/No Policy=18 |  |

## Data Source: Cigarette Excise Tax (\$), 2003.

Eric Lindblom, Campaign for Tobacco-Free Kids, "State Cigarette Tax Rates and Rank, Date of Last Increase, Annual Pack Sales and Revenues, and Related Data," June 2003, available at
http://tobaccofreekids.org/research/factsheets/pdf/0099.pdf. New Jersey data: National Conference of State Legislatures, "Tobacco Taxes," State Health Notes 24 (July 14, 2003), 2.

## Does the state provide funding for a comprehensive tobacco control program based on the CDC's minimum recommended funding for that state?

Comprehensive tobacco control programs have been shown to be effective in preventing and reducing tobacco use. ${ }^{261}$ States that have aggressive tobacco prevention programs show greater decreases in tobacco use than do states that are not allocating significant resources to tobacco prevention. ${ }^{262}$ The November 1998 multi-state settlement of the lawsuits against tobacco companies for over $\$ 200$ billion over 25 years, as well as states' individual settlements with tobacco companies, greatly increased the funds available to states for tobacco control. In addition, states can use excise tax revenues and other funding streams for tobacco control efforts. ${ }^{263}$ The CDC has studied states with successful comprehensive tobacco control programs to distill their essential elements and has made recommendations for how much funding is required in each state to implement such a program. Each recommendation is based on specific characteristics of the state and is in the form of a range of funding, with a lower and upper estimate for the total annual cost of a comprehensive tobacco control program. ${ }^{264}$ A state receives a "meets policy" if it funds a comprehensive tobacco control program annually at a level that falls within the CDC's recommended range for that state. ${ }^{265}$ A state receives a "limited policy" if its funding level is at or greater than 50 percent of the CDC's minimum recommendation. A state receives a "weak policy" if its funding level is less than 50 percent of the CDC's minimum recommendation. A state receives a "minimal or no policy" if it has committed no annual funds to comprehensive tobacco prevention.

Maine and Mississippi: Committed to Tobacco Control Funding. At a time when many other states are making drastic funding cuts to their tobacco control programs, Maine and Mississippi have remained committed to educating their citizens about the harms of tobacco use and funding tobacco prevention programs at levels that are proven to be effective in reducing smoking. ${ }^{266}$ Their commitment has secured impressive results.

Maine used money from the multi-state tobacco settlement and from its cigarette excise tax to establish the Partnership for a Tobacco-Free Maine (PTM). The PTM's goal is to prevent Maine youth from using tobacco products and to assist current smokers in their efforts to quit. From the program's inception in 1997 to 2001, smoking among high school students in Maine declined by 36 percent, compared to a 23 percent decline nationwide. In addition, the percentage of youth smokers who have tried to quit increased from 33 percent to 57 percent during these same years. ${ }^{267}$

Mississippi was the first state to file and settle its lawsuit against the tobacco companies in 1997, prior to and separate from the multi-state tobacco settlement one year later. Using the money from its settlement, Mississippi launched a youth-driven tobacco prevention pilot program in 1999. In the first year of the program alone, smoking declined by 21 percent among public middle school students and by 10 percent among public high school students. Among African American students, these declines were even steeper: smoking among African American middle school students and high school students decreased by 31 percent and 20 percent, respectively. ${ }^{268}$

## Data Source: Tobacco Prevention Funding, 2002.

Campaign for Tobacco-Free Kids and others, "Rankings of State Funding for Tobacco Prevention," in Show Us the Money: A Report on the States' Allocation of the Tobacco Settlement Dollars (Washington, D.C.: Campaign for Tobacco Free Kids and others, 2003), ix-x.

Tobacco Prevention Funding

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
| Kansas |  |
| Kentucky |  |
| Louisiana |  |
| Maine |  |
| Maryland |  |
| Massachusetts |  |
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| Mississippi |  |
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| Nebraska |  |
| Nevada |  |
| New Hampshire |  |
| New Jersey |  |
| New Mexico |  |
| New York |  |
| North Carolina |  |
| North Dakota |  |
| Ohio |  |
| Oklahoma |  |
| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |
| Meets Policy=4 |  |
| Limited Policy=15 |  |
| Weak Policy=28 |  |
| Minimal/No Policy=4 |  |

Does the state have a sales rate of tobacco products to minors that is below ten percent? Preventing girls from smoking is critical to effect an overall reduction in the number of women who smoke. One way states can help prevent youth smoking is by reducing minors' access to tobacco. All states have laws prohibiting the sale of tobacco to minors pursuant to a federal law known as the "Synar Amendment," and they are required to enforce these laws through random unannounced inspections of tobacco vendors. ${ }^{269}$ A state's effectiveness in enforcing its ban is measured by a "tobacco sales rate" that reflects the annual percentage of merchants who break the law by selling tobacco products to minors. A state receives a "meets policy" if its sales rate to minors is below ten percent (the target set by health experts). ${ }^{270}$ A state receives a "limited policy" if its sales rate to minors is between ten and 20 percent (the target set by the federal government). A state receives a "weak policy" if its sales rate to minors is over 20 percent.

Tobacco Sales Rate to Minors


Data Source: Tobacco Sales Rate to Minors (\%), FY 2002.
U.S. Department of Health and Human Services, Center for Substance Abuse and Prevention, "State Synar Non-Compliance Rate Table, FFY 1997-2002," undated, available at
http://prevention.samhsa.gov/tobacco/01synartable.asp, accessed March 19, 2003.

## Does the state have strong laws restricting youth access to tobacco?

Studies show that making cigarettes difficult and inconvenient to obtain reduces the number of young people who smoke. ${ }^{271}$ There is evidence, however, that retailers are more likely to sell cigarettes to girls than to boys of the same age. ${ }^{272}$ States can pass various laws that help restrict youth access to cigarettes. States receive a "meets policy" if they have strong laws in the following nine categories: minimum age, packaging, clerk intervention, photo identification, vending machine laws, free distribution and samples, graduated penalties (i.e., sanctions for repeated sales to minors), random inspections, and statewide enforcement. ${ }^{273}$ States receive a "limited policy" if they have moderately strong youth access laws in many of the nine areas. States receive a "weak policy" if they have few and/or weak youth access laws in the nine areas. States receive a "minimal or no policy" if they have very weak and/or very few youth access laws in the nine areas. ${ }^{274}$

## Data Source: Youth Access Restrictions, 2002.

American Lung Association, "Appendix B, Youth Access, 2002," in State of Tobacco Control: 2002 (2003), xvi-xvii, 109-110, available at http://lungaction.org/reports/tobacco-control.html; see also Marianne H. Alciati and others, "State Laws on Youth Access to Tobacco in the United States: Measuring their Extensiveness with a New Rating System," Tobacco Control 7 (Winter 1998), 345-352.

Youth Access Restrictions

| Alabama |  |
| :---: | :---: |
| Alaska |  |
| Arizona |  |
| Arkansas |  |
| California |  |
| Colorado |  |
| Connecticut |  |
| Delaware |  |
| District of Columbia |  |
| Florida |  |
| Georgia |  |
| Hawaii |  |
| Idaho |  |
| Illinois |  |
| Indiana |  |
| lowa |  |
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| Kentucky |  |
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| New Hampshire |  |
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| New Mexico |  |
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| North Carolina |  |
| North Dakota |  |
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| Oregon |  |
| Pennsylvania |  |
| Rhode Island |  |
| South Carolina |  |
| South Dakota |  |
| Tennessee |  |
| Texas |  |
| Utah |  |
| Vermont |  |
| Virginia |  |
| Washington |  |
| West Virginia |  |
| Wisconsin |  |
| Wyoming |  |

Meets Policy=7
Limited Policy=2
Weak Policy=7
Minimal/No Policy=35

## Policy Indicator Methodology

This section describes the criteria for selection, data sources and limitations, and evaluation of the health policy indicators.

## Criteria for Indicator Selection

The Report Card is designed to present an accurate, broad assessment of women's health as it relates to smoking and the challenges that the country must meet to reduce the number of women and girls who smoke. The health policy indicators included in this Report Card address some of the most important issues pertaining to women and smoking within the parameters of the data that were available. The policy indicators examine state policies and programs important to prevention and cessation in general-whether statutes, regulations, executive orders, or other manifestations of state policies and programs-and two policy indicators address pregnancy-specific issues. The criteria used to select the indicators for state health policies are similar to those used to select the health status indicators. State policy indicators were selected based on whether they addressed and could have a significant positive impact on the critical women's health issues reflected in the status indicators and whether they were measurable and could be compared across states.

## Data Sources and Limitations

Generally, the Report Card includes state health policy information that was collected from published or on-line sources, such as the American Lung Association's State of Tobacco Control: 2002, which was the source for the data regarding youth access laws. Wherever possible, the Report Card presents the most recent data available for each indicator. Data collection for the policy indicators ended on July 1, 2003.

Adopting the policies covered by the indicators can improve women's health, but states' actual implementation is a crucial component in determining whether and how much the policies improve women's health. The Report Card does not explore the effectiveness of state implementation efforts or subsequent judicial actions, however, because such data are not routinely or consistently available. In addition, some sources noted delays in the effective dates of policies (e.g., a statute was passed in 2001 but not effective until 2002). Since it could not be readily determined whether sources identified delayed effective dates uniformly (e.g., some states with delayed effective dates were not identified) and since the adoption of the relevant policy still demonstrates some state commitment, the Report Card considers a state to be in the relevant category regardless of effective date.

## Categorizing the Policies

The strength of the state policies is indicated on the state report card pages by the designations "Meets Policy," "Limited Policy," "Weak Policy," and "Minimal/No Policy." The Report Card authors determined the categorizations for each of the policies after research and input from experts. Some policies have all four categories, while others have only three or two categories, based on expert recommendations.

## Demographic Data Sources

The demographic profile for each state and the nation as a whole includes seven categories of data that provide the context for the Report Card status and policy indicators. Most information in the demographic section is based on data from the most recent two years (2001 and 2002) of the U.S. Census Bureau's Current Population Survey (CPS) "Annual Demographic Survey March Supplement." The most recent two years of CPS data are used to increase the sample of women in the analysis and improve accuracy, especially for smaller states. Although the source of the basic CPS data is the U.S. Census Bureau, the Report Card authors, in cooperation with Decision Demographics, the demographic data consultant for this project, developed the specifications for the demographic measures in this publication. Two tabulations are based on data from the 2000 Census, since the data are not collected in the CPS: "Households Living in Linguistic Isolation" and "Women Residing in Urban and Rural Areas."

## Demographic Data Sources

Listed below are the sources for the specific demographic data listed on the national and state report card pages. The time periods to which the data apply also appear in bold.

## Total Population of Women (\% and \#), 2001 and 2002.

EXPLANATION: This measure includes females of all ages as a percentage of the total civilian, non-institutionalized ${ }^{275}$ population of the state.
SOURCE: U.S. Bureau of Labor Statistics and U.S. Census Bureau, Current Population Survey, "Annual Demographic Survey March Supplement" (Washington, D.C.: U.S. Census Bureau, 2001, 2002) (databases) (unpublished data analyzed by Decision Demographics) [hereinafter CPS]. To compensate for small sample size, Decision Demographics combined the applicable data from the two supplements to arrive at more reliable estimates.

## Women by Race (\% and \#), 2001 and 2002.

EXPLANATION: This measure includes females of all ages in the civilian, non-institutionalized population in the following categories: white (non-Hispanic), black ${ }^{276}$ (non-Hispanic), Native American/Alaskan Native (non-Hispanic), Asian/Pacific Islander (non-Hispanic), and Hispanic. Data are provided as a percentage of total civilian, non-institutionalized females in the state.

SOURCE: CPS (see Total Population data source note).

## Women by Age (\% and \#), 2001 and 2002.

EXPLANATION: This measure includes females in the civilian, noninstitutionalized population in the following age categories: 0 to 14,15 to 24 , 25 to 44,45 to 64,65 to 84 , and 85 and over.
SOURCE: CPS (see Total Population data source note)

## Lesbian-Headed Households (\% and \#), 2000.

EXPLANATION: Lesbian-Headed Households are households where the householder is female and there is another female whose relationship to the
householder is reported as "unmarried partner." Since the 2000 Census asks no direct question about sexual orientation, this household relationship item has been used to estimate lesbian-headed households. This estimate represents a count of households headed by women who have same-sex partners, cohabit, report one of the couple as the household head, and report the other as an unmarried partner. Women in this group are distinguished by their willingness to report these combined characteristics in the Census and may not represent all women living in this status. However, David Smith and Gary Gates, in their article "Gay and Lesbian Families in the United States: Samesex Unmarried Partner Households," Human Rights Campaign (August 22, 2001), analyzed these data for both lesbians and gays and found that the geographic and other response patterns correspond with what is known of the lesbian community. Dan Black, Gary Gates, Seth Sanders, and Lowell Taylor in their article, "Demographics of the Gay and Lesbian Population in the United States: Evidence from Available Systematic Data Sources,"
Demography 37 (May 2000), 139-154, estimated that 44.1 percent of lesbians live as cohabiting partners like this respondent group. Applying that rate to the U.S. total of lesbian-headed households implies that there were at least 1.3 million lesbians in the U.S. as of 2000 . If the assumption is made that four percent of U.S. women age 18 and over are lesbians (a reasonable maximum from other evidence accumulated by Gates, et. al.) then there were up to 4.3 million lesbians in 2000 .

SOURCE: CPS 2000 (see Total Population data source note).

## Median Earnings for Women (\$), 2000 and 2001.

EXPLANATION: This measure includes wages, salaries, self-employment income, and farm income for civilian, non-institutionalized women age 17 and over who reported full-time, full-year employment. The median income divides the income distribution into two equal parts; half fall above the median and half fall below.

SOURCE: CPS (see Total Population data source note)
Women Residing in Urban and Rural Areas (\% and \#), 2000.
EXPLANATION: Urban women include females of all ages who live in urban areas. Urban areas are densely settled, contiguous areas delineated by the Census Bureau that exceed specified size and density criteria. "Urban clusters" have 2,500 to 49,999 people and a core that exceeds 1,000 people per square mile. "Urbanized areas" have at least 50,000 people in a densely settled area. Women who live in urban clusters and urbanized areas are classified as urban, while all other women are classified as rural.

SOURCE: Census 2000 (Washington, D.C.: U.S. Census Bureau, 2000).

## Women by Educational Attainment (\% and \#), 2001 and 2002.

EXPLANATION: This measure categorizes civilian, non-institutionalized women age 25 and over according to the highest degree or level of school completed. The "High School Graduate" category includes those with a G.E.D. or equivalent. The "Some college or Associate Degree" category includes those with the degree as well as those who attended college but did not receive a degree. The "Bachelor's Degree" category includes women with a bachelor's degree and those with some graduate education but no graduate degree. The "Graduate Degree" category includes all Master's degrees, Ph.D.'s, and professional degrees such as those for medicine, dentistry, law, theology, etc.
SOURCE: CPS (see Total Population data source note)


## Advisory Committee

The Advisory Committee played a vital role in the creation of the Women and Smoking Report Card. Its members participated in the Report Card's development, including selection of the indicators and data, the relative weights to be given to the indicators, the nature of the information to be highlighted beyond the indicators, and the identification

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## Notes

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15 In its use of "black" and "African American," this Report Card has attempted to follow the source material's usage, wherever possible. There is some confusion over the use of the two terms, with sources using them inconsistently. "Black women are primarily "African American," the term commonly used to describe the descendants of Africans brought to the United States as slaves. There is, however, increasing diversity among blacks, with foreign-born blacks accounting for six percent of all blacks in the United States. Most other blacks in America are of Caribbean descent, coming from island nations including the Dominican Republic, Haiti, Jamaica, and Trinidad and Tobago. Recent immigrants from African countries account for less than four percent of all U.S. immigrants between 1981 and 1998, but there is some indication that these numbers are increasing." National Women's Law Center and others, Making the Grade on Women's Health: A National and State-by-State Report Card, 2001 (Washington, D.C.: National Women's Law Center, 2001), 201 [hereinafter HRC 2001].
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${ }^{177}$ Smoking-Attributable Deaths and Smoking-Attributable Years of Potential Life Lost, (\#), 1999. These measures include data from 1999 and were estimated using the Internet-based CDC Adult Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC) software program available at http:/www.cdc.gov/tobacco/sammec. Adult SAMMEC estimates the number of smoking-attributable cancer, cardiovascular, and respiratory disease deaths among adults and estimates the total impact of premature deaths on the life expectancy of adult smokers. Smoking-attributable deaths are calculated using an attributable-fraction formula that combines smoking prevalence and relative risk data for current and former smokers (compared with never smokers). Smoking-attributable years of potential life lost are the sum of years of life lost from premature deaths caused by smoking. National data are the annual estimates from 1995-1999. National smoking-attributable deaths include deaths from residential fires and secondhand smoke-attributable lung cancer and heart disease deaths. National smoking-attributable years of potential life lost exclude infant and secondhand smoke-attributable lung cancer and heart disease deaths.

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222 Women and Smoking: A Report of the Surgeon General, supra note 11, at 248.

223 Wherever possible, the Report Card presents the most recent data available for each indicator. In some cases, the Report Card uses slightly older data if they included additional information by race or ethnicity. In addition, older data were sometimes used to be consistent at both the national and state levels as well as to be consistent with the various methodologies used.

224 See Women and Smoking: A Report of the Surgeon General, supra note 11, at 40, Figure 2.4.
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227 See, e.g., "Grading," in National Center for Public Policy and Higher Education, Measuring Up 2000: The State-by-State Report Card for Higher Education 2000, available at http://measuringup.highereducation.org/ 2000/articles/grading.cfm. The goal was to scale the scores so that they could range between 0-100 for each indicator. The following description uses the smoking during pregnancy indicator as an example to illustrate how the scaled scores were calculated for each indicator. The benchmark for the abstinence from smoking during pregnancy indicator is 99 percent. The state performances range from a high of 97.4 percent in the District of Columbia to a low of 73.7 percent in West Virginia. The first step in calculating the scaled score is to express these raw data as a percentage difference from the benchmark. The District of Columbia is 1.6 percent short of the benchmark and West Virginia is 25.6 percent short of the benchmark. The next step is to determine the number that, when multiplied by the worst state's percentage difference from the benchmark, equals 100. In the case of abstinence from smoking during pregnancy, this figure is $3.91(25.6 \times 3.91=100)$. Each state's percentage difference from the benchmark is then multiplied by this figure. At this stage the District of Columbia would receive $6.3(3.91 \times 1.6=6.3)$ and West Virginia would receive $100(3.91 \times 25.6=100)$. Finally, the resulting number is subtracted from 100 to achieve the scaled score. The District of Columbia's scaled score for abstinence from smoking during pregnancy is $93.7(100-6.3=93.7)$ and West Virginia's scaled score is $0(100-100=0)$. (States that meet or exceed the benchmark receive a scaled score of 100.)
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${ }^{274}$ States in this category were downgraded because the state law preempts stricter local youth access ordinances.
275 See note 182 supra.
276 See note 15 supra.

## Order Form

Women and Smoking: A National and State-by-State Report Card is the first comprehensive assessment of women's smoking-related health conditions and policies that are proven to help reduce smoking among women and girls. The Women and Smoking Report Card provides and evaluates data, by state and for the nation as a whole, on selected health status and health policy indicators related to smoking, major smokingrelated diseases, and access to cessation services among women and girls. More specifically, the Report Card assesses the nation's progress or lack thereof, state by state, in reaching key benchmarks related to the status of women's health as it pertains to smoking, and also evaluates state policies and programs needed to meet those benchmarks. In addition, the Report Card provides a list of recommended federal tobacco control policies. Through its national and state-by-state evaluation of both smoking-related health status data and health policies, the Women and Smoking Report Card builds upon Making the Grade on Women's Health: A National and State-by-State Report Card, which addresses smoking as part of a comprehensive assessment of women's overall health.

The Women and Smoking Report Card was prepared for policy makers, health care planners and providers, educators, researchers, elected officials, advocates, and the public by the National Women's Law Center and Oregon Health \& Science University, with the assistance of MB Consulting and Decision Demographics. An advisory committee of health experts from around the country-including researchers in varied disciplines, health care providers, government officials, and public policy advocates—provided invaluable assistance.

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