



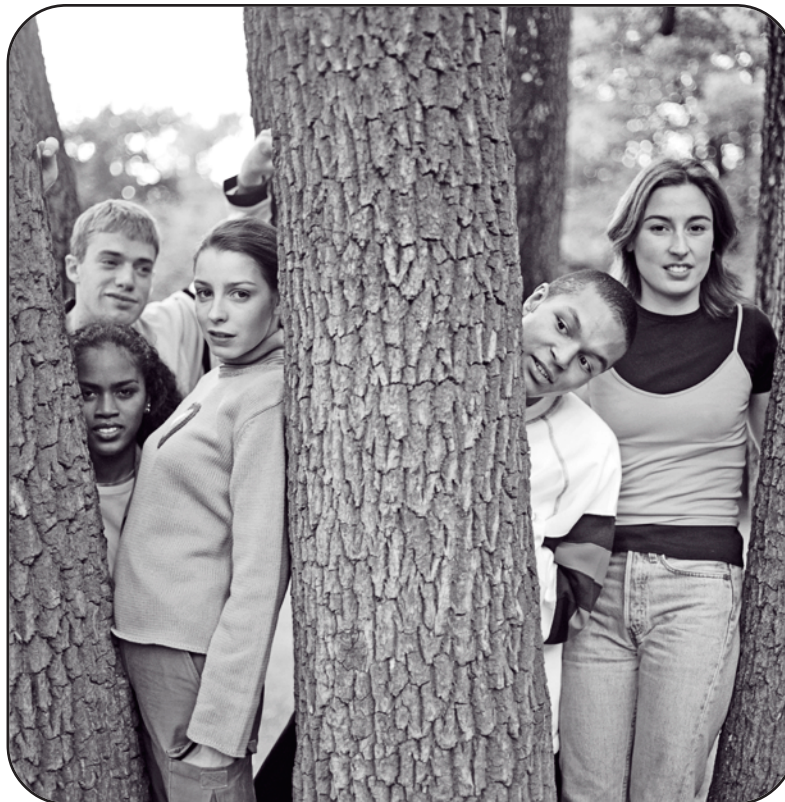
MMWRTM

Morbidity and Mortality Weekly Report

Surveillance Summaries

February 23, 2007 / Vol. 56 / No. SS-2

Youth Risk Behavior Surveillance — Selected Steps Communities, 2005



**DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION**

The *MMWR* series of publications is published by the Coordinating Center for Health Information and Service, Centers for Disease Control and Prevention (CDC), U.S. Department of Health and Human Services, Atlanta, GA 30333.

Suggested Citation: Centers for Disease Control and Prevention. [Title]. Surveillance Summaries, [Date]. MMWR 2007;56(No. SS-#).

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Youth Risk Behavior Surveillance — Selected Steps Communities, 2005

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Abstract

Problem: Unhealthy dietary behaviors, physical inactivity, and tobacco use contribute to chronic disease and other health conditions, including obesity, diabetes, and asthma. These behaviors often are established during childhood and adolescence, extend into adulthood, are interrelated, and are preventable.

Reporting Period Covered: January–May 2005.

Description of System: The Youth Risk Behavior Surveillance System (YRBSS) monitors priority health-risk behaviors, general health status, and the prevalence of overweight and asthma among youth and young adults. YRBSS includes a national school-based survey conducted by CDC and state and local school-based surveys conducted by state and local education and health agencies.

As a component of YRBSS, in 2005, communities participating in the Steps to a HealthierUS Cooperative Agreement Program (Steps Program) also conducted school-based surveys of students in grades 9–12 in their program intervention areas. These communities used a modified core questionnaire that asks about dietary behaviors, physical activity, and tobacco use and monitors the prevalence of overweight, diabetes, and asthma. This report summarizes results from surveys of students in 15 Steps communities that conducted surveys in 2005.

Results: Results from the 15 Steps communities indicated that a substantial proportion of adolescents engaged in health risk behaviors associated with obesity, diabetes, and asthma. During 2005, across surveys, the percentage of high school students who had not eaten fruits and vegetables ≥ 5 times/day during the 7 days preceding the survey ranged from 80.1% to 85.2% (median: 83.1%), the percentage who were overweight ranged from 6.6% to 19.6% (median: 11.5%), the percentage who did not attend physical education classes daily ranged from 53.7% to 95.1% (median: 74.2%), and the percentage who had smoked cigarettes during the 30 days preceding the survey ranged from 9.2% to 26.5% (median: 17.1%).

Interpretation: Although the prevalence of many health-risk behaviors and health conditions varies across Steps communities, a substantial proportion of high school students engage in behaviors that place them at risk for chronic disease.

Public Health Action: Steps Program staff at the national, tribal, state, and local levels will use YRBSS data for decision making, program planning, and enhancing technical assistance. These data will be used to focus existing programs on activities with the greatest promise of results, identify opportunities for strategic collaboration, and identify and disseminate lessons learned.

Introduction

The Steps to a HealthierUS Cooperative Agreement Program (Steps Program) is a national, multilevel chronic disease prevention effort coordinated by CDC. Through this program,

Steps communities (i.e., small cities or rural areas whose activities are coordinated by a state health department, large cities or urban areas, and tribes or tribal entities) receive funds to implement chronic disease prevention and health promotion activities focused on reducing the burden of obesity, diabetes, and asthma and addressing three related risk behaviors: unhealthy dietary behaviors, physical inactivity, and tobacco use.

To measure program outcomes and assess progress toward program goals, Steps communities participate in existing

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surveillance systems, including the Youth Risk Behavior Surveillance System (YRBSS). CDC developed YRBSS to monitor six categories of priority health-risk behaviors among youth and young adults, including behaviors that contribute to unintentional injuries and violence; tobacco use; alcohol and other drug use; sexual behaviors that contribute to unintended pregnancy and sexually transmitted diseases (STDs), including human immunodeficiency virus (HIV) infections; unhealthy dietary behaviors; and physical inactivity. In addition, YRBSS monitors general health status and the prevalence of overweight and asthma. YRBSS includes a national school-based survey conducted by CDC and state and local school-based surveys conducted by state and local education and health agencies; surveys have been conducted biennially since 1991. Steps communities participating in YRBSS use a modified core questionnaire that asks about dietary behaviors, physical activity, and tobacco use and monitors the prevalence of overweight, diabetes, and asthma. Participation in YRBSS provides community-level data regarding relevant risk behaviors; high-quality data that are comparable across Steps communities, states, and the nation; and a consistent, stable source of data that will enable programs to monitor progress.

In fiscal year (FY) 2003, the Steps Program allocated \$13.6 million to fund 12 programs representing 24 communities (including seven large [i.e., population $\geq 400,000$] cities, one state-wide tribal coalition, and four states that coordinated grants to 16 small cities and rural communities). This report summarizes results from the 15 Steps communities funded in FY 2003 that obtained weighted data for the 2005 YRBSS cycle and granted CDC permission to publish their data. Results from the community surveys with unweighted data are not included in this report. All weighted surveys were conducted during spring 2005.

Methods

Sampling

Each community school-based survey employed a two-stage cluster sample design to produce a representative sample of public school students in grades 9–12 in its program intervention area.* In the first sampling stage, all schools with any students in grades 9–12 were selected in 14 communities; in one community, schools with any students in grades 9–12 were selected with probability proportional to school enrollment size. In the second sampling stage, intact classes from

either a required subject (e.g., English or social studies) or a required period (e.g., homeroom or second period) were selected randomly, and all students in selected classes were eligible to participate. Community surveys that had a scientifically selected sample of students, appropriate documentation, and an overall response rate of $\geq 60\%$ were weighted. A weight was applied to each record to adjust for student nonresponse and the distribution of students by grade, sex, and race/ethnicity in each jurisdiction. Therefore, weighted estimates are representative of all students in grades 9–12 attending public schools in each Steps community.

In 2005, a total of 15 communities had weighted data and granted permission to include their data in this report. Student sample sizes ranged from 836 to 1,661 (Table 1). School response rates ranged from 80% to 100%; student response rates ranged from 61% to 86%; and overall response rates, calculated by multiplying the school response rate by the student response rate, ranged from 60% to 86%.

Eleven of the 15 communities for which results are provided in this report are small cities or rural communities, and four are large cities or urban communities. Race/ethnic distributions of students varied across communities (Table 1). In five communities, $>80\%$ of students are non-Hispanic white, in four communities, $>50\%$ of students are Hispanic, and in two communities, $>50\%$ of students are non-Hispanic black.

For comparison purposes, this report also includes previously published data from the 2005 national school-based Youth Risk Behavior Survey (YRBS) (1). The sampling frame for the 2005 national YRBS consisted of all public and private schools with students in at least one of grades 9–12 in the 50 states and the District of Columbia. A three-stage cluster sample design produced a nationally representative sample of students in grades 9–12 who attended public and private schools. For the 2005 national YRBS, 13,953 questionnaires were completed in 159 schools. The school response rate was 78%, and the student response rate was 86%. The school response rate multiplied by the student response rate produced an overall response rate of 67%. Additional information about the national YRBS sample has been published previously (1).

Data Collection Procedures and Questionnaire

Procedures for both the national and the Steps YRBS were designed to protect students' privacy by allowing for anonymous and voluntary participation. Before survey administration, local parental permission procedures were followed. Students completed the self-administered questionnaire during one class period and recorded their responses directly on a computer-scannable booklet or answer sheet. A detailed

*Data from two large cities/urban communities included in this report (Boston and New Orleans) also are included in a previous report (1). The data for the Boston Steps community is a subset of the Boston Public Schools data published previously, whereas the New Orleans data are identical to those published previously.

explanation of the YRBSS methodology and questionnaire development has been published previously (2).

The national YRBS questionnaire contained 98 questions, and the core Steps questionnaire contained 39 of these questions and one question to monitor the prevalence of diabetes. Communities could add questions to the core questionnaire. Skip patterns were not included in any questionnaire to protect student privacy by ensuring that all students completed the questionnaire in approximately the same amount of time. Only data from core Steps questions are provided in this report. Information about the reliability of the core questions has been published previously (3).

Data Processing and Coding

The national data set and each community data set were cleaned and edited for inconsistencies. Missing data were not imputed statistically. Of 13,953 completed questionnaires from the national YRBS, 36 failed quality control[†] and were excluded from analysis, leaving 13,917 usable questionnaires (Table 1). Among Steps community data sets, the number of completed questionnaires that failed quality-control checks and were excluded from analysis ranged from 2 to 18 (median: 6.5).

On all community surveys, race/ethnicity was computed from answers to a single question: "How do you describe yourself?" Response options were "American Indian or Alaska Native," "Asian," "black or African American," "Hispanic or Latino," "Native Hawaiian or Other Pacific Islander," or "white." Students could select more than one response option. For this report, students were classified as "Hispanic" if they selected "Hispanic or Latino" only or if they selected "Hispanic or Latino" plus any other response option. Students were classified as "black" (i.e., non-Hispanic black) if they selected "black or African American" only. Students were classified as "white" (i.e., non-Hispanic white) if they selected "white" only. Students were classified as "other" if they selected "American Indian or Alaska Native," "Asian," or "Native Hawaiian or Other Pacific Islander" only or if they selected multiple response options other than "Hispanic or Latino."

To determine the percentage of high school students who were overweight or at risk for becoming overweight, body mass index (kg/m^2) (BMI) was calculated from self-reported height and weight. BMI values were compared to sex and age specific reference data from CDC's 2000 growth charts (4). Being at risk for becoming overweight was defined as having

a BMI of ≥ 85 th percentile and < 95 th percentile for age and sex. Overweight was defined as a BMI of ≥ 95 th percentile for age and sex. A BMI of ≥ 95 th percentile for age and sex among adolescents is approximately equivalent to a BMI of ≥ 30 among adults. For an adult, a BMI of 30 indicates that a person is approximately 30 pounds overweight. The reliability and validity of self-reported height and weight among high school students has been described previously (5).

Analytic Methods

Statistical analyses were conducted on weighted data using SAS (6) and SUDAAN (7) software to account for the complex sampling designs. Prevalence estimates and confidence intervals were computed for all variables and all data sets.

Results

Tobacco Use

Lifetime Cigarette Use

Across surveys, the overall percentage of students who had ever smoked cigarettes, even one or two puffs (i.e., lifetime cigarette use) ranged from 38.7% to 65.5% (median: 51.1%). Prevalence among female students ranged from 35.3% to 64.9% (median: 49.9%), and prevalence among male students ranged from 41.9% to 69.3% (median: 51.8%) (Table 2).

Lifetime Daily Cigarette Use

Across surveys, the overall percentage of students who had ever smoked at least one cigarette every day for 30 days (i.e., lifetime daily cigarette use) ranged from 5.1% to 17.2% (median: 11.2%). Prevalence among female students ranged from 5.3% to 19.9% (median: 9.2%), and prevalence among male students ranged from 4.5% to 18.3% (median: 11.8%) (Table 2).

Current Cigarette Use

Across surveys, the overall percentage of students who had smoked cigarettes on ≥ 1 of the 30 days preceding the survey (i.e., current cigarette use) ranged from 9.2% to 26.5% (median: 17.1%). Prevalence among female students ranged from 6.9% to 24.4% (median: 15.3%), and prevalence among male students ranged from 9.7% to 33.4% (median: 15.4%) (Table 3).

Current Frequent Cigarette Use

Across surveys, the overall percentage of students who had smoked cigarettes on ≥ 20 of the 30 days preceding the survey (i.e., current frequent cigarette use) ranged from 1.9% to 11.3% (median: 5.9%). Prevalence among female students ranged from

[†] For questionnaires containing ≤ 50 questions, those that failed quality control had < 15 remaining responses after editing or had the same answer to ≥ 12 questions in a row. For questionnaires containing > 50 questions, those that failed quality control had < 20 remaining responses after editing or had the same answer to ≥ 15 questions in a row.

1.6% to 12.2% (median: 4.8%), and prevalence among male students ranged from 1.8% to 12.5% (median: 7.2%) (Table 3).

Smoked >10 Cigarettes/Day

Across surveys, among students who reported current cigarette use, the overall percentage of students who had smoked >10 cigarettes/day on all days that they smoked ranged from 3.3% to 17.0% (median: 9.1%). Prevalence among female students ranged from 1.6% to 10.3% (median: 5.0%), and prevalence among male students ranged from 5.2% to 21.2% (median: 11.2%) (Table 3).

Tried to Quit Smoking Cigarettes

Across surveys, among students who reported current cigarette use, the overall percentage of students who had tried to quit smoking cigarettes during the 12 months preceding the survey ranged from 48.1% to 62.4% (median: 55.8%). Prevalence among female students ranged from 46.8% to 66.4% (median: 54.8%), and prevalence among male students ranged from 47.3% to 59.7% (median: 51.8%) (Table 4).

Bought Cigarettes in a Store or Gas Station

Across surveys, among students aged <18 years who reported current cigarette use, the overall percentage of students who usually obtained cigarettes by buying them in a store (e.g., a convenience store, supermarket, or discount store) or gas station during the 30 days preceding the survey ranged from 6.6% to 32.9% (median: 11.4%). Prevalence among female students ranged from 4.6% to 8.0% (median: 6.3%), and prevalence among male students ranged from 13.1% to 21.3% (median: 17.2%) (Table 4).

Smoked a Whole Cigarette Before Age 13 Years

Across surveys, the overall percentage of students who had smoked a whole cigarette for the first time before age 13 years ranged from 7.8% to 21.4% (median: 13.0%). Prevalence among female students ranged from 5.5% to 19.5% (median: 9.8%). Prevalence among male students ranged from 9.9% to 22.9% (median: 14.7%) (Table 5).

Smoked Cigarettes on School Property

Across surveys, the overall percentage of students who had smoked cigarettes on school property on ≥ 1 of the 30 days preceding the survey ranged from 2.2% to 8.7% (median: 4.7%). Prevalence among female students ranged from 1.6% to 7.9% (median: 4.1%), and prevalence among male students ranged from 2.3% to 9.5% (median: 5.8%) (Table 5).

Dietary Behaviors

Ate Fruits and Vegetables ≥ 5 Times a Day

Across surveys, the overall percentage of students who had eaten fruits and vegetables[§] five or more times a day during the 7 days preceding the survey ranged from 14.8% to 19.9% (median: 16.9%). Prevalence among female students ranged from 13.3% to 19.2% (median: 16.0%), and prevalence among male students ranged from 14.3% to 20.5% (median: 18.5%) (Table 6).

Physical Activity

Met Currently Recommended Levels of Physical Activity

Across surveys, the overall percentage of students who had been physically active doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of ≥ 60 minutes/day on ≥ 5 of the 7 days preceding the survey (i.e., met currently recommended levels of physical activity) ranged from 19.2% to 43.2% (median: 34.0%). Prevalence among female students ranged from 13.4% to 34.2% (median: 27.9%), and prevalence among male students ranged from 25.8% to 52.2% (median: 41.9%) (Table 7).

Met Previously Recommended Levels of Physical Activity

Across surveys, the overall percentage of students who had participated in ≥ 20 minutes of vigorous physical activity (i.e., physical activity that made them sweat and breathe hard) on ≥ 3 of the 7 days preceding the survey and/or ≥ 30 minutes of moderate physical activity (i.e., physical activity that did not make them sweat and breathe hard) on ≥ 5 of the 7 days preceding the survey (i.e., met previously recommended levels of physical activity) ranged from 45.4% to 79.8% (median: 71.7%). Prevalence among female students ranged from 39.5% to 76.8% (median: 66.7%), and prevalence among male students ranged from 52.1% to 83.1% (median: 76.3%) (Table 7).

No Vigorous or Moderate Physical Activity

Across surveys, the overall percentage of students who had not participated in any vigorous or moderate physical activity during the 7 days preceding the survey ranged from 3.8% to 23.5% (median: 6.0%). Prevalence among female students ranged from 3.0% to 29.6% (median: 7.3%), and prevalence among male students ranged from 3.8% to 17.1% (median: 5.3%) (Table 7).

[§] Refers to 100% fruit juice, green salad, potatoes (excluding french fries, fried potatoes, or potato chips), carrots, or other vegetables.

Watched Television for ≥ 3 Hours/Day

Across surveys, the overall percentage of students who watched television for ≥ 3 hours per day on an average school day ranged from 22.9% to 55.0% (median: 34.5%). Prevalence among female students ranged from 20.8% to 59.9% (median: 33.3%), and prevalence among male students ranged from 21.8% to 50.4% (median: 34.4%) (Table 8).

Used Computers for ≥ 3 Hours/Day

Across surveys, the overall percentage of students who played video or computer games or used a computer for something that was not school work for ≥ 3 hours per day on an average school day ranged from 11.6% to 24.7% (median: 17.5%). Prevalence among female students ranged from 7.0% to 20.7% (median: 11.5%), and prevalence among male students ranged from 16.3% to 29.7% (median: 24.8%) (Table 8).

Attended Physical Education Classes

Across surveys, the overall percentage of students who attended physical education (PE) classes on ≥ 1 day(s) in an average week when they were in school (i.e., attended PE classes) ranged from 32.9% to 98.5% (median: 50.9%). Prevalence among female students ranged from 28.7% to 98.9% (median: 42.5%), and prevalence among male students ranged from 37.2% to 98.1% (median: 59.4%) (Table 9).

Attended Physical Education Classes Daily

Across surveys, the overall percentage of students who attended PE classes 5 days in an average week when they were in school (i.e., attended PE classes daily) ranged from 4.9% to 46.3% (median: 25.8%). Prevalence among female students ranged from 1.7% to 41.3% (median: 22.5%), and prevalence among male students ranged from 3.9% to 53.7% (median: 29.3%) (Table 9).

Exercised or Played Sports > 20 Minutes During an Average PE Class

Across surveys, among students who attended PE classes, the percentage of students who actually exercised or played sports > 20 minutes during an average PE class ranged from 56.4% to 92.3% (median: 85.7%). Prevalence among female students ranged from 50.3% to 94.5% (median: 83.7%), and prevalence among male students ranged from 61.9% to 93.2% (median: 86.3%) (Table 9).

Played on One or More Sports Teams

Across surveys, the overall percentage of students who had played on at least one sports team (run by their school or community groups) during the 12 months preceding the survey ranged from 44.1% to 64.1% (median: 54.5%). Preva-

lence among female students ranged from 33.1% to 61.6% (median: 51.8%), and prevalence among male students ranged from 51.1% to 67.1% (median: 59.6%) (Table 10).

Injured While Exercising or Playing Sports

Across surveys, among students who exercised or played sports during the 30 days preceding the survey, the overall percentage of students who had had to see a doctor or nurse for an injury that happened while exercising or playing sports ranged from 12.9% to 21.7% (median: 16.7%). Prevalence among female students ranged from 10.5% to 20.4% (median: 15.9%), and prevalence among male students ranged from 12.3% to 24.3% (median: 17.6%) (Table 10).

Overweight and Weight Control

At Risk for Becoming Overweight

Across surveys, the overall percentage of students who were at risk for becoming overweight (i.e., ≥ 85 th percentile but < 95 th percentile for BMI, by age and sex, on the basis of reference data) ranged from 7.9% to 19.7% (median: 14.8%) (Table 11). Prevalence among female students ranged from 6.1% to 21.7% (median: 13.6%), and prevalence among male students ranged from 9.6% to 20.5% (median: 15.4%) (Table 11).

Overweight

Across surveys, the overall percentage of students who were overweight (i.e., ≥ 95 th percentile for BMI, by age and sex, on the basis of reference data) ranged from 6.6% to 19.6% (median: 11.5%). Prevalence among female students ranged from 3.5% to 14.9% (median: 7.2%), and prevalence among male students ranged from 9.5% to 25.4% (median: 15.5%) (Table 11).

Described Themselves as Overweight

Across surveys, the overall percentage of students who described themselves as slightly or very overweight ranged from 20.8% to 36.1% (median: 30.0%). Prevalence among female students ranged from 24.3% to 42.1% (median: 35.3%), and prevalence among male students ranged from 16.4% to 30.3% (median: 23.9%) (Table 12).

Were Trying to Lose Weight

Across surveys, the overall percentage of students who were trying to lose weight ranged from 36.5% to 52.9% (median: 44.6%). Prevalence among female students ranged from 44.3% to 65.6% (median: 60.0%), and prevalence among male students ranged from 17.9% to 41.0% (median: 30.1%) (Table 12).

Ate Less Food, Fewer Calories, or Foods Low in Fat to Lose Weight or Keep from Gaining Weight

Across surveys, the overall percentage of students who had eaten less food, consumed fewer calories, or eaten foods low in fat to lose weight or keep from gaining weight during the 30 days preceding the survey ranged from 31.2% to 44.2% (median: 37.9%). Prevalence among female students ranged from 35.2% to 54.3% (median: 50.4%), and prevalence among male students ranged from 18.2% to 35.7% (median: 26.1%) (Table 13).

Exercised to Lose Weight or Keep From Gaining Weight

Across surveys, the overall percentage of students who had exercised to lose weight or keep from gaining weight during the 30 days preceding the survey ranged from 48.6% to 70.6% (median: 62.6%). Prevalence among female students ranged from 49.0% to 74.6% (median: 70.5%), and prevalence among male students ranged from 43.3% to 68.1% (median: 53.0%) (Table 13).

Went Without Eating for ≥ 24 Hours to Lose Weight or Keep From Gaining Weight

Across surveys, the overall percentage of students who had gone without eating for ≥ 24 hours to lose weight or keep from gaining weight during the 30 days preceding the survey ranged from 7.4% to 18.5% (median: 9.6%) (Table 14). Prevalence among female students ranged from 10.0% to 19.6% (median: 12.7%), and prevalence among male students ranged from 3.7% to 19.1% (median: 6.8%) (Table 14).

Took Diet Pills, Powders, or Liquids to Lose Weight or Keep from Gaining Weight

Across surveys, the overall percentage of students who had taken diet pills, powders, or liquids without a doctor's advice to lose weight or keep from gaining weight during the 30 days preceding the survey ranged from 3.7% to 10.2% (median: 5.6%). Prevalence among female students ranged from 3.8% to 10.0% (median: 5.9%), and prevalence among male students ranged from 2.4% to 11.8% (median: 4.7%) (Table 14).

Vomited or Took Laxatives to Lose Weight or to Keep from Gaining Weight

Across surveys, the overall percentage of students who had vomited or taken laxatives to lose weight or keep from gaining weight during the 30 days preceding the survey ranged from 3.3% to 9.9% (median: 4.3%). Prevalence among female students ranged from 4.0% to 10.5% (median: 5.2%), and prevalence among male students ranged from 1.7% to 11.1% (median: 2.8%) (Table 14).

Other Health-Related Topics

Lifetime Asthma

Across surveys, the overall percentage of students who had ever been told by a doctor or nurse that they had asthma (i.e., lifetime asthma) ranged from 15.5% to 27.9% (median: 20.1%). Prevalence among female students ranged from 11.9% to 25.8% (median: 20.3%), and prevalence among male students ranged from 15.1% to 30.3% (median: 20.4%) (Table 15).

Current Asthma

Across surveys, the overall percentage of students with lifetime asthma who reported having either 1) asthma but no episode or attack or 2) an asthma episode or attack (i.e., current asthma) during the 12 months preceding the survey ranged from 10.9% to 19.7% (median: 15.9%). Prevalence among female students ranged from 9.4% to 21.5% (median: 16.9%), and prevalence among male students ranged from 10.4% to 18.2% (median: 15.5%) (Table 15).

Asthma Episode or Attack

Across surveys, the overall percentage of students with current asthma who had an asthma episode or attack during the 12 months preceding the survey ranged from 28.4% to 52.4% (median: 37.6%). Prevalence among female students ranged from 37.4% to 48.1% (median: 44.9%), and prevalence among male students ranged from 24.5% to 37.8% (median: 28.4%) (Table 15).

Lifetime Diabetes

Across surveys, the overall percentage of students who had ever been told by a doctor or nurse that they had diabetes (i.e., lifetime diabetes) ranged from 1.9% to 4.8% (median: 3.2%). Prevalence among female students ranged from 0.7% to 5.5% (median: 2.3%), and prevalence among male students ranged from 1.8% to 5.7% (median: 3.8%) (Table 16).

Described Health as Fair or Poor

Across surveys, the overall percentage of students who described their health, in general, as fair or poor ranged from 7.3% to 13.1% (median: 9.3%). Prevalence among female students ranged from 8.0% to 16.0% (median: 10.8%), and prevalence among male students ranged from 4.9% to 12.1% (median: 8.3%) (Table 16).

Discussion

The median prevalence of risk behaviors across Steps communities was within 5 percentage points of the national estimate from the 2005 national YRBS (1) for all but three

behaviors: current cigarette use (median: 17.1%; national estimate: $23.0 \pm 2.3\%$), attended PE classes daily (median: 25.8%; national estimate: $33.0 \pm 5.3\%$), and injured while exercising or playing sports (median: 16.7%; national estimate: $22.2 \pm 1.3\%$). Lifetime diabetes was not measured in the national YRBS, so how the median prevalence across Steps communities compares with the national estimate of self-reported lifetime diabetes among high school students is unknown.

Across communities, prevalence did not vary substantially for approximately two thirds of risk behaviors included in the Steps questionnaire. However, a range of ≥ 25 percentage points or a fivefold variation or greater was identified for the following risk behaviors:

- lifetime cigarette use (minimum: 38.7%; maximum: 65.5%);
- current frequent cigarette use (minimum: 1.9%; maximum: 11.3%);
- smoked >10 cigarettes/day (minimum: 3.3%; maximum: 17.0%);
- bought cigarettes in a store or gas station (minimum: 6.6%; maximum: 32.9%);
- met previously recommended levels of physical activity (minimum: 45.4%; maximum: 79.8%);
- engaged in no vigorous or moderate physical activity (minimum: 3.8%; maximum: 23.5%);
- watched television ≥ 3 hours/day (minimum: 22.9%; maximum: 55.0%);
- attended PE classes (minimum: 32.9%; maximum: 98.5%);
- attended PE classes daily (minimum: 4.9%; maximum: 46.3%); and
- exercised or played sports >20 minutes during an average PE class (minimum: 56.4%; maximum: 92.3%).

In part, these variations might reflect differences in state and local laws and policies, enforcement practices, availability of effective school and community interventions, prevailing behavioral and social norms, demographic characteristics of the population, and adult practices. Ongoing YRBSS data collected in these communities will enable Steps Program staff and other public health and education officials to assess change in these behaviors over time, providing one method of evaluating the effectiveness of those communities' Steps Programs.

Limitations

The findings in this report are subject to at least four limitations. First, these data apply only to youth who attended school during 2005 and therefore are not representative of all persons in this age group in each community. Nationwide, in

2004, of persons aged 16–17 years, approximately 4% were not enrolled in a high school program and had not completed high school (8). Second, although the national YRBS includes private schools, Steps surveys do not, making comparison between the national and community data imperfect. Third, the extent of underreporting or overreporting of behaviors cannot be determined, although the survey questions demonstrate good test-retest reliability (3). Finally, because BMI was calculated on the basis of self-reported height and weight, the prevalence of overweight and for being at risk for becoming overweight might be underestimated (5).

Conclusion

YRBSS data collected in Steps communities will be used by Steps Program staff at the national, tribal, state, and local levels to examine whether the program is having intended effects on target audiences. In addition, Steps Program staff will use these data for decision making, program planning, and enhancing technical assistance. YRBSS data will be used by Steps Program staff to focus existing programs on activities with the greatest promise of results, identify opportunities for strategic collaboration, and identify and disseminate lessons learned.

References

1. Eaton DK, Kann L, Kinchen S, et al. Youth risk behavior surveillance—United States, 2005. In: *Surveillance Summaries*, June 9, 2006. *MMWR* 2006;55(No. SS-5).
2. CDC. Methodology of the Youth Risk Behavior Surveillance System. *MMWR* 2004;53(No. RR-12).
3. Brener ND, Kann L, McManus T, Kinchen SA, Sundberg EC, Ross JG. Reliability of the Youth Risk Behavior Survey questionnaire. *J Adolesc Health* 2002;31:336–42.
4. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al. CDC growth charts: United States. *Advance data from Vital and Health Statistics*. No. 314. Hyattsville, MD: US Department of Health and Human Services, CDC, National Center for Health Statistics; 2000. Available at <http://www.cdc.gov/nchs/data/ad/ad314.pdf>.
5. Brener ND, McManus T, Galuska DA, Lowry R, Wechsler H. Reliability and validity of self-reported height and weight among high school students. *J Adolesc Health* 2003;32:281–7.
6. SAS Institute, Inc. SAS,® version 9.1 [Software and documentation]. Cary, NC: SAS Institute; 2003.
7. Research Triangle Institute. SUDAAN,® software for the statistical analysis of correlated data, release 9.0.0 [Software and documentation]. Research Triangle Park, NC: Research Triangle Institute; 2004.
8. Laird J, DeBell M, Chapman C. Dropout rates in the United States: 2004. Washington, DC: US Department of Education, National Center for Education Statistics; 2006. Publication no. NCES 2007-024.

TABLE 1. Sample sizes, response rates, and demographic characteristics — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Student sample size	Response rate (%)			Sex (%)		Grade (%)				Race/Ethnicity (%)			
		School	Student	Overall	Female	Male	9	10	11	12	White*	Black*	Hispanic	Other†
State-coordinated small cities/rural communities														
Cochise County, Arizona	854	88	79	70	48.9	51.1	31.4	26.4	22.3	19.6	47.1	1.5	46.9	4.5
Santa Cruz County, Arizona	1,095	100	77	77	48.5	51.5	32.0	27.7	20.3	19.8	6.7	1.5	89.3	2.5
Yuma County, Arizona	1,501	90	86	77	49.3	50.7	31.5	25.9	21.6	20.9	14.5	2.1	78.8	4.6
Mesa County, Colorado	1,067	100	77	77	49.7	50.3	27.8	25.7	24.2	22.1	83.3	0.3	13.9	2.5
Pueblo County, Colorado	1,008	100	77	77	49.7	50.3	28.1	23.9	23.1	24.2	44.8	1.1	51.5	2.6
Teller County, Colorado	862	100	86	86	48.4	51.6	27.6	24.2	24.1	23.5	91.8	0.8	2.9	4.6
Weld County, Colorado	948	100	61	61	49.1	50.9	28.4	26.1	21.2	23.8	58.2	0.5	39.4	1.8
Broome County, New York	1,391	92	76	70	48.3	51.7	26.2	26.4	23.1	23.9	90.0	5.1	1.1	3.7
Jefferson County, New York	1,364	100	77	77	49.0	51.0	28.3	26.2	22.8	22.1	90.6	5.3	1.4	2.7
Rockland County, New York	1,366	100	75	75	48.6	51.4	27.7	25.6	23.8	22.3	56.7	21.0	14.8	7.5
Clark County, Washington	1,051	80	80	64	48.2	51.8	27.1	25.9	23.6	23.3	85.7	0.8	5.6	8.0
Large cities/urban communities														
Boston, Massachusetts	1,057	100	65	65	50.0	50.0	29.9	26.7	22.8	20.5	10.1	53.9	28.8	7.2
New Orleans, Louisiana	1,661	86	70	60	52.6	47.4	29.0	25.1	23.8	21.9	1.1	91.9	1.6	5.3
Pinellas County, Florida	836	100	83	83	49.4	50.6	34.2	28.0	22.2	15.5	59.5	27.8	6.9	5.8
Salinas, California	1,115	100	71	71	50.0	50.0	28.1	26.0	24.1	21.6	17.6	1.6	74.0	6.8
United States	13,917	78	86	67	49.5	50.5	29.0	25.9	23.3	21.6	61.9	14.6	15.1	8.3

* Non-Hispanic.

† American Indian or Alaska Native, Asian, Native Hawaiian or other Pacific Islander, or multiple race (non-Hispanic).

TABLE 2. Percentage of high school students who ever smoked cigarettes, by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Lifetime cigarette use*						Lifetime daily cigarette use†					
	Female		Male		Total		Female		Male		Total	
	%	CI‡ (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	64.0	6.0	64.3	4.7	64.3	3.6	12.2	3.9	16.3	3.9	14.5	2.8
Santa Cruz County, Arizona	57.8	5.5	69.3	4.3	63.7	3.9	8.7	2.9	16.8	3.7	12.8	2.5
Yuma County, Arizona	55.7	4.6	62.8	4.8	59.3	4.1	7.4	1.9	10.9	2.7	9.2	1.6
Mesa County, Colorado	49.9	5.5	51.8	6.2	50.9	4.4	17.4	4.4	12.7	3.4	15.0	2.7
Pueblo County, Colorado	64.9	5.3	65.8	5.2	65.5	4.2	15.8	4.1	18.3	4.5	17.2	3.8
Teller County, Colorado	56.9	6.1	44.7	6.2	51.1	4.9	19.9	5.8	11.8	4.1	16.0	3.7
Weld County, Colorado	50.0	5.8	52.3	7.4	51.2	5.2	8.1	2.8	9.2	2.8	8.7	2.1
Broome County, New York	47.7	4.4	46.7	5.2	47.3	4.0	12.5	3.1	14.2	4.1	13.4	3.0
Jefferson County, New York	54.4	5.7	52.7	5.1	53.6	4.0	15.0	3.3	13.2	2.9	14.1	2.3
Rockland County, New York	44.4	6.5	43.9	6.3	44.1	5.2	9.4	3.3	8.1	2.2	8.7	2.4
Clark County, Washington	35.3	5.2	41.9	5.4	38.7	4.4	9.2	2.8	13.0	4.5	11.2	2.7
Large cities/urban communities												
Boston, Massachusetts	43.6	6.0	48.0	5.1	46.0	4.0	5.6	2.1	9.8	2.8	7.7	1.7
New Orleans, Louisiana	48.1	4.5	58.4	4.7	52.8	3.1	5.7	1.8	10.9	2.5	8.1	1.4
Pinellas County, Florida	44.0	6.9	43.6	5.8	43.9	4.9	7.2	3.3	7.9	3.3	7.6	2.3
Salinas, California	39.5	4.7	47.5	6.5	43.7	4.4	5.3	2.2	4.5	1.7	5.1	1.4
Median	49.9		51.8		51.1		9.2		11.8		11.2	
Range	35.3–64.9		41.9–69.3		38.7–65.5		5.3–19.9		4.5–18.3		5.1–17.2	
United States	52.7	3.4	55.9	2.8	54.3	3.0	13.5	2.0	13.3	1.9	13.4	1.9

* Ever tried cigarette smoking, even one or two puffs.

† Ever smoked at least one cigarette every day for 30 days.

‡ 95% confidence interval.

TABLE 3. Percentage of high school students who currently smoke cigarettes, by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Current cigarette use*						Current frequent cigarette use†						Smoked >10 cigarettes/day‡					
	Female		Male		Total		Female		Male		Total		Female		Male		Total	
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities																		
Cochise County, Arizona	24.4	4.7	25.3	4.3	25.0	3.0	7.2	3.5	9.3	2.7	8.4	2.3	4.0	4.5	9.3	7.1	7.4	4.0
Santa Cruz County, Arizona	19.0	4.0	33.4	5.3	26.5	3.8	3.2	1.9	10.8	2.7	7.1	1.8	4.9	4.4	5.2	3.4	5.3	2.5
Yuma County, Arizona	15.3	3.0	23.7	4.1	19.5	2.9	3.0	1.2	6.6	2.2	4.8	1.3	1.6	2.4	11.0	4.7	7.3	3.5
Mesa County, Colorado	21.3	4.7	14.3	3.2	17.8	2.7	11.5	5.1	7.2	2.4	9.4	3.0	—**	—	—	—	17.0	9.9
Pueblo County, Colorado	22.7	4.6	25.0	4.8	24.0	3.9	9.9	3.3	12.5	3.8	11.3	3.0	5.2	5.1	11.4	7.4	9.1	4.8
Teller County, Colorado	22.8	5.7	14.3	4.3	18.9	3.7	12.2	5.2	8.5	3.4	10.5	3.1	—	—	—	—	14.6	7.3
Weld County, Colorado	12.5	3.7	12.1	3.9	12.3	3.2	3.5	2.0	2.9	2.0	3.2	1.4	—	—	—	—	3.3	3.3
Broome County, New York	16.7	4.1	17.4	4.3	17.1	3.5	8.6	3.2	9.1	3.5	8.9	2.7	10.3	6.5	20.1	7.1	15.4	5.2
Jefferson County, New York	20.7	3.3	18.1	3.6	19.4	2.6	9.7	2.4	9.0	2.8	9.4	2.0	6.9	4.5	21.2	7.9	14.0	4.4
Rockland County, New York	13.3	3.5	13.0	3.0	13.2	2.5	5.5	2.5	5.5	2.0	5.6	1.6	—	—	—	—	9.9	5.5
Clark County, Washington	12.1	3.5	15.5	4.4	13.9	3.1	3.9	2.0	7.6	3.3	5.9	1.9	—	—	—	—	14.9	6.9
Large cities/urban communities																		
Boston, Massachusetts	12.6	2.9	13.7	3.5	13.1	1.8	3.5	2.0	5.8	2.5	4.6	1.7	—	—	—	—	6.5	4.1
New Orleans, Louisiana	6.9	1.8	15.4	4.0	11.0	2.1	1.6	1.1	5.3	1.9	3.4	1.1	—	—	—	—	8.0	6.9
Pinellas County, Florida	12.2	4.8	13.2	4.3	12.7	3.7	4.8	2.3	4.4	2.5	4.6	1.9	—	—	—	—	—	—
Salinas, California	8.2	2.9	9.7	2.8	9.2	2.3	2.1	1.4	1.8	1.4	1.9	1.0	—	—	—	—	—	—
Median	15.3		15.4		17.1		4.8		7.2		5.9		5.0		11.2		9.1	
Range	6.9–24.4		9.7–33.4		9.2–26.5		1.6–12.2		1.8–12.5		1.9–11.3		1.6–10.3		5.2–21.2		3.3–17.0	
United States	23.0	2.6	22.9	2.3	23.0	2.3	9.3	1.8	9.3	1.5	9.4	1.5	7.2	2.0	14.2	2.0	10.7	1.7

* Smoked cigarettes on ≥1 of the 30 days preceding the survey.

† Smoked cigarettes on ≥20 of the 30 days preceding the survey.

‡ On the days they smoked during the 30 days preceding the survey, among students who reported current cigarette use.

§ 95% confidence interval.

** Data not available.

TABLE 4. Percentage of high school students who tried to quit smoking cigarettes* and who usually obtained their own cigarettes by buying them in a store or gas station,† by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Tried to quit smoking cigarettes						Bought cigarettes in a store or gas station						
	Female		Male		Total		Female		Male		Total		
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	
State-coordinated small cities/rural communities													
Cochise County, Arizona	55.2	10.1	47.3	10.9	50.7	7.3	— [¶]	—	—	—	—	15.5	7.1
Santa Cruz County, Arizona	46.8	11.2	52.1	7.4	50.3	5.8	—	—	21.3	7.7	—	18.4	5.3
Yuma County, Arizona	50.4	11.3	51.5	8.7	51.0	7.1	8.0	4.9	13.1	6.2	—	10.9	4.1
Mesa County, Colorado	—	—	—	—	59.5	8.5	—	—	—	—	—	11.9	5.6
Pueblo County, Colorado	54.4	10.9	59.7	10.6	57.6	6.6	—	—	—	—	—	8.6	4.3
Teller County, Colorado	—	—	—	—	57.5	8.2	—	—	—	—	—	10.8	6.7
Weld County, Colorado	—	—	—	—	56.8	8.6	—	—	—	—	—	—	—
Broome County, New York	66.4	9.6	53.7	11.5	59.7	7.1	—	—	—	—	—	11.0	7.2
Jefferson County, New York	60.4	7.0	49.1	12.1	54.9	6.9	4.6	4.1	—	—	—	6.6	4.3
Rockland County, New York	—	—	—	—	50.9	9.6	—	—	—	—	—	32.9	9.2
Clark County, Washington	—	—	—	—	48.1	10.2	—	—	—	—	—	—	—
Large cities/urban communities													
Boston, Massachusetts	—	—	—	—	—	—	—	—	—	—	—	—	—
New Orleans, Louisiana	—	—	—	—	62.4	7.8	—	—	—	—	—	28.6	11.8
Pinellas County, Florida	—	—	—	—	—	—	—	—	—	—	—	—	—
Salinas, California	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	54.8		51.8		55.8		6.3		17.2		11.4		
Range	46.8–66.4		47.3–59.7		48.1–62.4		4.6–8.0		13.1–21.3		6.6–32.9		
United States	60.3	3.9	48.9	3.1	54.6	2.4	11.7	3.4	18.8	3.3	15.2	2.7	

* Among students who reported current cigarette use during the 12 months preceding the survey.

† Among students who were aged <18 years and who reported current cigarette use during the 30 days preceding the survey.

§ 95% confidence interval.

¶ Data not available.

TABLE 5. Percentage of high school students who smoked a whole cigarette for the first time before age 13 years, by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Smoked a whole cigarette before age 13 years						Smoked cigarettes on school property*					
	Female		Male		Total		Female		Male		Total	
	%	CI† (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	19.5	4.6	22.9	5.7	21.4	4.2	5.4	2.6	9.1	3.7	7.5	2.3
Santa Cruz County, Arizona	9.3	2.6	19.9	4.4	14.9	2.6	3.8	1.8	8.2	2.8	6.1	1.8
Yuma County, Arizona	9.5	2.4	18.9	3.6	14.3	2.4	3.1	1.2	6.2	1.9	4.6	1.4
Mesa County, Colorado	11.3	3.4	11.2	3.3	11.3	2.6	5.5	2.6	3.8	1.9	4.7	1.8
Pueblo County, Colorado	13.6	2.9	21.5	4.5	17.7	3.3	7.7	3.0	9.5	3.2	8.7	2.6
Teller County, Colorado	15.9	4.4	18.0	4.4	17.2	3.0	7.9	3.8	5.8	2.8	7.0	2.6
Weld County, Colorado	11.8	3.5	14.1	4.2	13.0	2.8	4.2	2.1	4.6	2.4	4.4	1.6
Broome County, New York	11.6	2.8	13.6	2.5	12.7	2.0	6.7	2.5	7.3	2.7	7.0	2.1
Jefferson County, New York	15.7	3.3	18.2	3.2	17.0	2.6	3.2	1.6	6.0	1.8	4.7	1.1
Rockland County, New York	5.5	2.4	9.9	3.1	7.8	2.1	4.1	2.0	4.1	1.6	4.2	1.1
Clark County, Washington	9.5	2.6	12.4	3.9	11.1	2.1	2.9	1.7	5.5	2.1	4.3	1.3
Large cities/urban communities												
Boston, Massachusetts	7.0	3.4	12.1	2.9	9.5	2.2	4.6	2.0	5.2	2.1	5.0	1.3
New Orleans, Louisiana	9.4	2.3	19.1	3.1	14.2	2.0	3.0	1.4	6.3	2.1	4.7	1.3
Pinellas County, Florida	9.8	3.1	14.5	4.7	12.2	3.1	1.6	1.5	3.5	2.2	2.7	1.4
Salinas, California	7.4	2.9	14.7	3.4	11.7	3.0	1.8	1.6	2.3	1.4	2.2	1.3
Median	9.8		14.7		13.0		4.1		5.8		4.7	
Range	5.5–19.5		9.9–22.9		7.8–21.4		1.6–7.9		2.3–9.5		2.2–8.7	
United States	13.6	1.5	18.3	1.8	16.0	1.5	6.2	1.3	7.4	0.8	6.8	0.8

* On ≥1 of the 30 days preceding the survey.

† 95% confidence interval.

TABLE 6. Percentage of high school students who had eaten fruits and vegetables* ≥5 times/day,† by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Female		Male		Total	
	%	CI§ (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities						
Cochise County, Arizona	15.6	4.5	20.0	3.8	17.8	3.1
Santa Cruz County, Arizona	14.9	3.1	18.6	2.8	17.0	1.8
Yuma County, Arizona	17.4	2.6	19.4	3.1	18.3	2.2
Mesa County, Colorado	14.4	3.0	17.2	3.5	15.8	2.2
Pueblo County, Colorado	14.0	2.7	18.0	3.8	15.9	2.6
Teller County, Colorado	16.8	4.8	19.8	4.8	18.4	3.4
Weld County, Colorado	13.3	3.0	16.3	4.5	14.8	2.5
Broome County, New York	18.1	3.0	17.7	2.6	18.0	1.8
Jefferson County, New York	14.1	2.5	19.2	3.4	16.6	2.5
Rockland County, New York	16.6	3.7	14.6	3.4	15.6	2.9
Clark County, Washington	15.3	3.8	18.5	4.0	16.9	3.1
Large cities/urban communities						
Boston, Massachusetts	—¶	—	—	—	—	—
New Orleans, Louisiana	19.2	3.3	20.5	3.6	19.9	2.3
Pinellas County, Florida	16.4	4.5	19.2	5.5	17.8	3.2
Salinas, California	17.0	3.9	14.3	3.7	15.6	2.7
Median	16.0		18.5		16.9	
Range	13.3–19.2		14.3–20.5		14.8–19.9	
United States	18.7	2.0	21.4	1.4	20.1	1.4

* 100% fruit juices, fruit, green salad, potatoes (excluding french fries, fried potatoes, or potato chips), carrots, or other vegetables.

† During the 7 days preceding the survey.

§ 95% confidence interval.

¶ Data not available.

TABLE 7. Percentage of high school students who met currently recommended levels of physical activity,* who met previously recommended levels of physical activity,† and who participated in no vigorous or moderate physical activity,‡ by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Met currently recommended levels of physical activity						Met previously recommended levels of physical activity						No vigorous or moderate physical activity						
	Female		Male		Total		Female		Male		Total		Female		Male		Total		
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	
State-coordinated small cities/rural communities																			
Cochise County, Arizona	29.3	6.3	43.1	6.3	36.2	5.8	61.9	6.1	72.6	4.2	67.0	3.7	10.1	2.6	8.0	2.9	9.2	2.1	
Santa Cruz County, Arizona	27.7	4.4	40.9	3.9	34.3	2.6	60.3	5.8	74.9	4.3	67.5	3.8	13.2	3.4	6.9	2.5	10.1	2.3	
Yuma County, Arizona	26.5	5.6	37.8	4.8	32.1	3.9	60.6	4.8	69.2	5.5	64.8	3.9	13.5	3.4	8.7	2.7	11.2	2.1	
Mesa County, Colorado	26.2	4.5	41.4	5.6	33.8	3.8	66.7	5.2	76.7	5.0	71.7	3.8	6.0	2.4	4.6	2.2	5.3	1.7	
Pueblo County, Colorado	34.2	5.0	52.2	4.8	43.2	4.0	71.1	4.6	78.3	4.7	74.6	3.4	6.4	3.4	5.1	2.1	5.7	1.9	
Teller County, Colorado	24.7	5.2	42.5	5.6	33.8	3.9	70.7	5.6	83.1	3.6	76.7	3.2	4.5	2.1	4.7	2.1	4.8	1.6	
Weld County, Colorado	27.3	5.3	39.0	7.0	33.2	4.8	66.3	4.8	76.3	4.7	71.2	3.3	7.8	2.4	5.3	2.7	6.6	1.6	
Broome County, New York	31.2	4.2	44.0	4.4	37.8	3.3	71.7	4.4	80.6	4.1	76.1	3.3	3.0	1.5	4.4	2.0	3.8	1.3	
Jefferson County, New York	32.8	3.7	47.8	4.7	40.4	3.3	76.8	3.1	82.9	3.8	79.8	2.1	4.1	2.0	3.8	1.9	3.9	1.4	
Rockland County, New York	28.8	4.2	44.7	4.6	37.0	3.1	70.4	5.2	79.0	4.8	74.8	3.9	4.4	1.8	4.5	2.1	4.5	1.2	
Clark County, Washington	32.0	4.9	46.0	5.1	39.1	3.3	70.0	5.0	81.8	3.5	76.0	3.1	7.3	2.6	4.5	2.0	6.0	1.6	
Large cities/urban communities																			
Boston, Massachusetts	—**	—	—	—	—	—	43.1	5.3	61.3	4.5	51.8	3.7	24.5	3.3	12.7	3.4	18.8	2.3	
New Orleans, Louisiana	13.4	2.8	25.8	4.2	19.2	2.7	39.5	4.3	52.1	5.1	45.4	3.4	29.6	4.4	17.1	3.6	23.5	2.5	
Pinellas County, Florida	19.1	4.5	34.8	7.1	27.0	4.0	53.6	6.5	68.3	6.0	60.9	4.7	14.1	3.8	5.7	3.1	9.9	2.6	
Salinas, California	28.2	4.6	39.0	3.4	33.3	3.3	69.5	4.1	75.5	5.1	71.9	3.9	3.7	1.7	5.8	2.3	4.7	1.5	
Median	27.9		41.9		34.0		66.7		76.3		71.7		7.3		5.3		6.0		
Range	13.4–34.2		25.8–52.2		19.2–43.2		39.5–76.8		52.1–83.1		45.4–79.8		3.0–29.6		3.8–17.1		3.8–23.5		
United States	27.8	2.3	43.8	2.1	35.8	2.0	61.5	2.4	75.8	1.8	68.7	1.6	11.3	1.3	7.9	0.9	9.6	0.9	

* Were physically active doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes/day on ≥5 of the 7 days preceding the survey.

† Participated in >20 minutes of vigorous physical activity (i.e., physical activity that made them sweat and breathe hard) on ≥3 of the 7 days preceding the survey and/or at least 30 minutes of moderate physical activity (i.e., physical activity that did not make them sweat and breathe hard) on ≥5 of the 7 days preceding the survey.

‡ Had not participated in any vigorous or moderate physical activity during the 7 days preceding the survey.

§ 95% confidence interval.

** Data not available.

TABLE 8. Percentage of high school students who played video or computer games or used a computer* for ≥3 hours/day† and who watched ≥3 hours/day of television,‡ by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Watched television ≥3 hours/day						Used computers ≥3 hours/day					
	Female		Male		Total		Female		Male		Total	
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	44.7	6.7	34.4	5.4	39.4	3.8	11.0	4.0	17.5	5.2	14.4	3.4
Santa Cruz County, Arizona	38.1	4.0	33.0	4.7	35.5	3.2	16.9	2.9	18.2	4.0	17.5	2.7
Yuma County, Arizona	42.6	4.6	38.6	3.5	40.5	3.0	12.1	2.9	17.4	3.1	14.7	2.2
Mesa County, Colorado	26.5	3.5	21.8	3.6	24.1	2.8	7.0	2.7	16.3	4.1	11.6	2.7
Pueblo County, Colorado	28.4	4.5	36.4	5.7	32.5	3.9	8.6	2.6	24.9	4.5	16.7	2.8
Teller County, Colorado	20.8	4.3	27.0	5.3	24.2	3.3	10.3	3.9	26.8	5.2	19.1	3.7
Weld County, Colorado	23.0	3.4	28.0	5.7	25.5	3.6	7.6	2.5	17.0	4.6	12.3	2.6
Broome County, New York	22.3	3.0	29.7	4.1	26.1	2.7	17.2	3.7	27.3	3.6	22.5	2.7
Jefferson County, New York	27.4	4.0	25.7	4.6	26.5	3.1	17.4	3.7	24.8	4.2	21.2	2.8
Rockland County, New York	33.3	5.2	35.6	4.4	34.5	3.4	20.7	4.3	28.3	3.7	24.7	2.8
Clark County, Washington	22.1	3.7	23.7	4.6	22.9	3.1	9.5	3.3	25.1	5.8	17.6	3.5
Large cities/urban communities												
Boston, Massachusetts	46.9	5.8	50.4	5.2	48.7	4.3	— [¶]	—	—	—	—	—
New Orleans, Louisiana	59.9	3.8	50.3	3.3	55.0	2.8	16.7	2.9	27.7	4.0	22.1	2.1
Pinellas County, Florida	39.3	4.9	38.9	6.9	39.0	4.6	17.6	5.1	29.7	4.9	23.7	4.2
Salinas, California	37.8	5.3	35.8	5.4	36.5	3.8	10.4	2.5	19.3	4.0	14.7	2.2
Median	33.3		34.4		34.5		11.5		24.8		17.5	
Range	20.8–59.9		21.8–50.4		22.9–55.0		7.0–20.7		16.3–29.7		11.6–24.7	
United States	36.3	2.2	38.0	2.5	37.2	2.1	14.8	1.6	27.4	1.8	21.1	1.4

* For something that was not school work.

† On an average school day.

‡ 95% confidence interval.

¶ Data not available.

TABLE 9. Percentage of high school students who attended physical education (PE) classes,* attended PE classes daily,[†] and actually exercised or played sports >20 minutes during an average PE class,[§] by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Attended PE classes						Attended PE classes daily						Exercised or played sports >20 minutes during an average PE class						
	Female		Male		Total		Female		Male		Total		Female		Male		Total		
	%	CI [¶] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	
State-coordinated small cities/rural communities																			
Cochise County, Arizona	31.1	12.5	48.3	9.7	39.7	10.0	22.5	11.6	29.3	8.9	25.8	9.3	—**	—	85.4	7.5	87.1	4.8	
Santa Cruz County, Arizona	30.7	5.6	46.0	5.3	38.7	4.5	25.8	5.2	35.2	5.4	30.4	4.2	84.6	5.9	88.4	4.9	86.8	3.9	
Yuma County, Arizona	41.6	7.7	56.6	8.2	48.7	6.9	38.1	7.6	46.8	7.9	42.2	6.4	82.6	5.8	86.8	4.3	85.0	3.4	
Mesa County, Colorado	41.1	6.4	59.4	6.1	50.6	5.1	36.6	6.2	48.6	5.9	42.8	4.9	87.5	5.1	90.7	4.4	89.4	3.4	
Pueblo County, Colorado	48.4	6.2	63.7	6.6	56.1	5.5	41.3	5.9	51.5	6.7	46.3	5.2	83.7	5.3	85.9	4.0	85.0	2.8	
Teller County, Colorado	54.7	9.9	77.2	5.8	66.4	6.5	1.7	1.4	9.3	3.3	5.5	2.1	85.8	6.7	93.2	3.0	89.6	2.9	
Weld County, Colorado	41.2	5.8	60.3	7.0	50.9	5.3	2.9	1.7	9.3	4.1	6.1	2.2	88.5	5.6	92.3	3.3	90.6	3.3	
Broome County, New York	98.5	1.1	97.5	1.3	98.0	0.8	3.3	1.6	7.2	2.3	5.3	1.5	74.2	4.6	77.3	4.2	75.7	3.5	
Jefferson County, New York	97.8	1.1	97.0	1.6	97.4	1.0	6.0	2.0	3.9	1.6	4.9	1.2	74.9	4.4	82.0	4.2	78.4	3.6	
Rockland County, New York	98.9	1.0	98.1	1.6	98.5	1.1	3.7	2.0	6.1	1.7	4.9	1.5	72.2	5.3	80.8	3.4	76.7	3.3	
Clark County, Washington	42.5	11.6	60.7	6.0	51.6	7.0	37.6	9.5	53.7	6.4	45.6	6.1	94.5	2.8	91.0	3.7	92.3	2.3	
Large cities/urban communities																			
Boston, Massachusetts	28.7	7.1	37.2	7.7	32.9	6.0	6.5	2.3	8.8	2.9	7.6	2.0	—	—	—	—	—	—	
New Orleans, Louisiana	43.5	7.5	55.2	8.4	49.2	7.2	25.4	6.8	27.8	8.7	26.5	7.2	50.3	7.6	61.9	7.4	56.4	5.9	
Pinellas County, Florida	30.1	7.6	43.0	8.5	36.5	7.0	20.5	6.8	31.4	7.4	25.8	6.2	84.5	7.2	88.3	5.9	86.4	4.5	
Salinas, California	49.8	6.9	53.5	8.0	51.8	6.6	31.9	7.3	34.3	6.5	32.9	6.1	78.2	6.9	82.4	5.9	79.7	5.2	
Median	42.5		59.4		50.9		22.5		29.3		25.8		83.7		86.3		85.7		
Range	28.7–98.9		37.2–98.1		32.9–98.5		1.7–41.3		3.9–53.7		4.9–46.3		50.3–94.5		61.9–93.2		56.4–92.3		
United States	48.3	5.5	60.0	4.4	54.2	4.7	29.0	5.6	37.1	5.2	33.0	5.3	80.3	4.1	87.2	2.3	84.0	3.0	

* On ≥1 day in an average week when in school.

† Attended 5 days in an average week when in school.

§ Among students who attended PE classes.

¶ 95% confidence interval.

** Data not available.

TABLE 10. Percentage of high school students who played on one or more sports teams* and percentage who were injured while exercising or playing sports,[†] by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Played on one or more sports teams						Injured while exercising or playing sports					
	Female		Male		Total		Female		Male		Total	
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	54.3	6.4	59.1	9.7	56.7	5.8	17.4	5.0	17.2	4.5	17.2	3.7
Santa Cruz County, Arizona	47.5	4.8	60.7	4.4	54.4	3.3	17.1	4.0	23.9	3.8	20.7	2.5
Yuma County, Arizona	41.1	5.6	51.1	3.6	46.0	3.5	14.3	2.7	16.9	4.0	15.5	2.4
Mesa County, Colorado	52.5	5.6	59.6	5.5	56.1	3.6	17.3	3.9	12.3	2.6	14.8	2.3
Pueblo County, Colorado	51.8	5.7	60.5	5.0	56.1	4.2	15.2	3.3	21.0	4.2	18.2	2.8
Teller County, Colorado	46.8	5.0	56.0	5.8	51.4	3.6	18.7	4.7	20.3	3.8	19.5	3.0
Weld County, Colorado	57.2	5.3	67.1	6.8	62.1	4.3	20.4	4.4	18.2	4.1	19.4	2.4
Broome County, New York	61.6	4.0	66.5	4.7	64.1	3.5	15.3	3.2	17.2	3.1	16.3	2.2
Jefferson County, New York	58.2	4.4	62.0	5.7	60.1	3.8	16.6	3.0	17.8	3.0	17.2	1.9
Rockland County, New York	53.6	5.7	66.1	4.3	60.0	3.6	18.9	4.0	24.3	3.2	21.7	2.6
Clark County, Washington	55.2	5.9	54.2	4.8	54.5	3.8	10.7	2.9	14.8	2.7	12.9	2.1
Large cities/urban communities												
Boston, Massachusetts	33.1	4.9	56.1	5.2	44.1	3.3	— [¶]	—	—	—	—	—
New Orleans, Louisiana	34.8	4.0	56.4	3.6	45.1	2.9	10.5	2.0	20.9	3.9	15.5	2.1
Pinellas County, Florida	47.7	5.5	60.0	5.9	53.8	4.1	12.5	3.5	17.5	4.6	15.0	2.5
Salinas, California	48.1	5.6	53.3	3.7	50.9	3.7	13.5	3.7	15.9	2.8	14.9	2.5
Median	51.8		59.6		54.5		15.9		17.6		16.7	
Range	33.1–61.6		51.1–67.1		44.1–64.1		10.5–20.4		12.3–24.3		12.9–21.7	
United States	50.2	2.6	61.8	2.7	56.0	2.3	19.7	2.0	24.4	1.6	22.2	1.3

* Run by their school or community groups during the 12 months preceding the survey.

† During the 30 days preceding the survey, among students who exercised or played sports.

§ 95% confidence interval.

¶ Data not available.

TABLE 11. Percentage of high school students who were at risk for becoming* or were overweight,† by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	At risk for becoming overweight						Overweight					
	Female		Male		Total		Female		Male		Total	
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	11.2	3.2	18.2	4.1	14.8	2.9	7.2	2.5	16.4	4.2	11.9	2.5
Santa Cruz County, Arizona	14.4	3.1	16.0	3.5	15.2	2.2	8.4	2.5	15.5	3.2	12.0	2.1
Yuma County, Arizona	16.8	2.8	15.0	3.2	15.9	2.1	13.4	2.8	25.4	4.4	19.6	2.7
Mesa County, Colorado	10.9	2.8	13.5	3.4	12.2	2.4	5.5	2.2	10.6	2.8	8.1	1.8
Pueblo County, Colorado	12.2	3.4	13.4	3.3	12.8	2.3	6.3	2.3	13.1	3.8	9.7	2.2
Teller County, Colorado	6.1	2.1	9.6	3.8	7.9	2.1	3.5	3.4	9.5	3.3	6.6	2.3
Weld County, Colorado	13.6	4.2	13.3	3.5	13.4	2.9	5.9	2.5	11.5	3.6	8.8	2.2
Broome County, New York	13.0	3.2	15.4	2.7	14.3	2.0	6.8	1.8	15.9	3.2	11.5	2.0
Jefferson County, New York	16.6	2.6	15.9	3.1	16.3	2.1	10.3	3.4	19.4	3.6	15.0	2.8
Rockland County, New York	13.8	2.5	15.5	3.4	14.7	2.2	6.7	2.2	14.1	2.9	10.6	1.6
Clark County, Washington	11.4	3.1	14.8	3.7	13.2	2.3	5.9	1.9	11.8	3.6	9.0	2.2
Large cities/urban communities												
Boston, Massachusetts	21.7	4.1	17.7	3.8	19.7	2.8	11.8	3.3	19.6	3.9	15.8	2.7
New Orleans, Louisiana	19.9	3.5	15.1	4.0	17.6	2.6	14.9	3.2	17.0	3.1	15.9	2.2
Pinellas County, Florida	12.4	4.4	20.5	5.1	16.6	3.8	10.4	3.2	11.0	3.3	10.7	2.3
Salinas, California	16.2	4.1	17.4	3.1	16.8	2.6	11.8	3.0	19.9	4.3	15.9	2.6
Median	13.6		15.4		14.8		7.2		15.5		11.5	
Range	6.1–21.7		9.6–20.5		7.9–19.7		3.5–14.9		9.5–25.4		6.6–19.6	
United States	15.5	1.4	15.8	1.2	15.7	0.9	10.0	1.1	16.0	1.1	13.1	0.8

* Students who were ≥85th percentile but <95th percentile for body mass index, by age and sex, on the basis of reference data.

† Students who were ≥95th percentile for body mass index, by age and sex, on the basis of reference data.

§ 95% confidence interval.

TABLE 12. Percentage of high school students who described themselves as slightly or very overweight and percentage who were trying to lose weight, by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Described themselves as overweight						Were trying to lose weight					
	Female		Male		Total		Female		Male		Total	
	%	CI* (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	35.3	4.7	27.9	4.4	31.6	3.2	62.1	5.2	33.2	4.4	47.5	3.6
Santa Cruz County, Arizona	39.8	4.1	29.0	4.3	34.5	3.1	65.0	4.3	41.0	4.9	52.9	3.2
Yuma County, Arizona	40.4	3.7	28.5	3.8	34.4	2.9	65.6	3.9	40.3	4.4	52.8	3.2
Mesa County, Colorado	38.9	4.7	23.5	4.1	31.2	3.2	61.8	4.6	26.1	3.8	43.8	3.0
Pueblo County, Colorado	36.0	5.0	23.9	3.9	30.0	2.9	61.4	4.6	30.1	5.0	45.5	3.2
Teller County, Colorado	27.1	5.0	19.1	4.3	22.9	3.0	56.6	5.0	17.9	4.4	36.6	4.2
Weld County, Colorado	32.6	4.6	21.0	4.5	26.7	3.1	60.0	4.9	29.7	6.6	44.6	4.0
Broome County, New York	35.3	3.9	27.3	3.3	31.2	2.4	60.0	3.7	31.6	3.5	45.3	3.1
Jefferson County, New York	38.4	4.5	28.2	4.1	33.2	3.6	63.0	3.5	32.8	4.4	47.6	2.8
Rockland County, New York	33.6	4.6	23.1	3.5	28.2	3.0	59.5	5.5	28.3	5.1	43.3	4.3
Clark County, Washington	34.1	4.9	23.1	3.9	28.5	3.2	59.6	4.9	26.5	5.2	42.3	4.6
Large cities/urban communities												
Boston, Massachusetts	31.8	4.0	22.6	4.1	27.1	3.1	50.9	5.7	36.3	4.3	43.6	3.7
New Orleans, Louisiana	24.3	4.3	16.4	3.4	20.8	3.4	44.3	4.3	27.7	3.9	36.5	3.1
Pinellas County, Florida	32.3	5.0	24.4	4.7	28.4	3.6	57.2	6.0	27.5	4.7	42.1	3.4
Salinas, California	42.1	4.4	30.3	4.2	36.1	2.9	60.8	4.8	38.3	4.4	49.2	3.5
Median	35.3		23.9		30.0		60.0		30.1		44.6	
Range	24.3–42.1		16.4–30.3		20.8–36.1		44.3–65.6		17.9–41.0		36.5–52.9	
United States	38.1	1.8	25.1	1.2	31.5	1.2	61.7	1.2	29.9	1.6	45.6	1.2

* 95% confidence interval.

TABLE 13. Percentage of high school students who engaged in healthy behaviors to lose weight or to keep from gaining weight,* by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Ate less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight						Exercised to lose weight or to keep from gaining weight					
	Female		Male		Total		Female		Male		Total	
	%	CI† (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	51.3	6.3	28.5	5.5	39.7	4.5	70.0	4.4	52.5	6.3	61.0	3.9
Santa Cruz County, Arizona	50.4	3.7	35.7	4.7	43.0	3.3	73.2	4.3	68.1	4.6	70.6	3.3
Yuma County, Arizona	53.8	3.7	34.8	3.6	44.2	2.9	68.7	2.9	60.3	4.0	64.4	2.4
Mesa County, Colorado	49.6	5.7	21.2	3.6	35.4	3.6	72.1	4.6	48.4	5.3	60.3	3.5
Pueblo County, Colorado	52.3	4.3	25.1	3.9	38.6	3.0	74.5	4.3	56.4	5.4	65.3	3.4
Teller County, Colorado	49.5	5.0	18.2	4.2	33.2	3.6	68.3	8.2	43.3	6.0	55.1	5.2
Weld County, Colorado	47.9	5.0	27.0	5.4	37.3	3.6	70.0	4.1	50.5	6.2	60.2	3.2
Broome County, New York	50.5	3.9	22.3	3.8	36.0	3.5	72.9	3.7	51.8	4.2	62.0	3.2
Jefferson County, New York	50.3	4.9	23.6	3.8	36.7	3.3	74.6	4.1	53.6	4.8	63.8	3.2
Rockland County, New York	54.3	6.1	25.9	4.1	39.8	4.2	69.5	4.9	57.2	4.6	63.3	2.9
Clark County, Washington	52.0	4.3	26.3	4.1	38.7	3.4	73.7	4.0	58.4	4.8	65.7	3.3
Large cities/urban communities												
Boston, Massachusetts	—§	—	—	—	—	—	—	—	—	—	—	—
New Orleans, Louisiana	35.2	4.3	26.6	4.1	31.2	3.2	49.0	5.2	47.9	5.0	48.6	3.8
Pinellas County, Florida	44.9	7.1	25.0	4.5	34.9	3.7	64.9	5.2	49.0	5.5	56.8	4.4
Salinas, California	51.1	4.2	31.2	4.9	41.2	3.9	71.1	5.0	60.5	5.1	65.7	3.1
Median	50.4		26.1		37.9		70.5		53.0		62.6	
Range	35.2–54.3		18.2–35.7		31.2–44.2		49.0–74.6		43.3–68.1		48.6–70.6	
United States	54.8	1.5	26.8	1.4	40.7	1.2	67.4	1.8	52.9	1.8	60.0	1.4

* During the 30 days preceding the survey.

† 95% confidence interval.

§ Data not available.

TABLE 14. Percentage of high school students who engaged in unhealthy behaviors to lose weight or to keep from gaining weight,* by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Went without eating for >24 hours to lose weight or to keep from gaining weight						Took diet pills, powders, or liquids to lose weight or to keep from gaining weight†						Vomited or took laxatives to lose weight or to keep from gaining weight					
	Female		Male		Total		Female		Male		Total		Female		Male		Total	
	%	CI§ (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities																		
Cochise County, Arizona	19.6	3.7	10.3	3.6	15.0	3.0	10.0	3.5	9.9	3.4	10.2	2.5	6.0	2.4	6.6	3.0	6.5	2.2
Santa Cruz County, Arizona	13.7	2.9	8.4	2.4	11.3	1.9	8.5	2.3	6.2	1.9	7.3	1.6	10.4	2.7	4.6	1.7	7.6	1.6
Yuma County, Arizona	18.4	3.1	10.6	2.7	14.5	1.9	8.6	2.3	6.9	2.6	7.7	1.9	10.5	2.1	6.4	3.1	8.4	2.0
Mesa County, Colorado	12.0	3.3	4.4	2.4	8.2	2.1	7.1	2.6	4.1	2.5	5.6	1.7	4.1	1.8	2.4	1.5	3.3	1.2
Pueblo County, Colorado	13.7	3.2	7.8	2.9	10.7	2.3	8.9	2.9	6.5	1.8	7.7	1.7	4.6	2.1	2.6	1.5	3.8	1.3
Teller County, Colorado	12.7	3.5	6.4	2.8	9.6	2.3	8.8	3.4	2.5	1.5	5.6	1.7	5.3	2.4	2.9	1.8	4.2	1.4
Weld County, Colorado	10.0	2.5	5.2	2.4	7.7	1.8	8.3	3.1	5.9	2.6	7.1	2.1	6.1	2.6	2.6	1.5	4.3	1.4
Broome County, New York	11.8	2.6	6.1	1.6	8.9	1.5	5.9	2.5	4.7	1.8	5.4	1.5	5.2	1.6	3.9	1.4	4.5	1.2
Jefferson County, New York	12.5	3.1	6.8	2.2	9.6	2.2	3.8	1.4	3.6	1.4	3.7	1.0	4.0	1.6	2.8	1.5	3.4	1.1
Rockland County, New York	11.3	3.2	3.7	1.9	7.4	1.7	5.4	2.5	4.8	2.1	5.1	1.9	4.6	2.0	2.6	1.6	3.6	1.5
Clark County, Washington	11.8	2.7	6.5	2.4	9.1	1.8	4.6	2.1	4.0	2.0	4.4	1.5	4.6	1.8	2.5	1.5	3.7	1.0
Large cities/urban communities																		
Boston, Massachusetts	16.9	3.9	10.1	2.8	13.7	2.3	4.8	1.8	4.6	2.2	4.8	1.5	5.1	2.5	4.8	2.3	5.2	1.9
New Orleans, Louisiana	17.5	2.6	19.1	3.4	18.5	2.1	5.9	1.5	11.8	2.8	9.1	1.8	8.0	1.9	11.1	2.6	9.9	1.8
Pinellas County, Florida	14.7	3.9	7.6	3.8	11.1	2.7	5.2	2.7	2.4	1.5	3.9	1.5	7.7	3.2	1.7	1.6	4.8	1.8
Salinas, California	12.0	3.6	5.7	2.2	9.0	2.0	5.7	2.3	4.2	2.1	5.1	1.8	5.0	1.7	2.8	1.5	4.1	1.4
Median	12.7		6.8		9.6		5.9		4.7		5.6		5.2		2.8		4.3	
Range	10.0–19.6		3.7–19.1		7.4–18.5		3.8–10.0		2.4–11.8		3.7–10.2		4.0–10.5		1.7–11.1		3.3–9.9	
United States	17.0	1.4	7.6	0.9	12.3	0.9	8.1	1.5	4.6	0.7	6.3	1.0	6.2	0.8	2.8	0.6	4.5	0.5

* During the 30 days preceding the survey.

† Without a doctor's advice.

§ 95% confidence interval.

TABLE 15. Percentage of high school students who had lifetime asthma,* current asthma,† or an episode of asthma or an asthma attack,‡ by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Lifetime asthma						Current asthma						Asthma episode or attack						
	Female		Male		Total		Female		Male		Total		Female		Male		Total		
	%	CI [§] (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	
State-coordinated small cities/rural communities																			
Cochise County, Arizona	20.4	4.5	24.0	5.5	22.3	3.5	15.3	3.8	16.5	4.8	15.9	3.4	—**	—	—	—	38.6	9.4	
Santa Cruz County, Arizona	11.9	3.0	19.5	4.2	15.8	2.7	9.4	2.8	12.2	3.0	10.9	2.0	—	—	—	—	37.0	10.4	
Yuma County, Arizona	17.5	3.1	20.2	3.8	18.9	2.8	13.0	2.7	15.0	3.5	13.9	2.6	48.1	9.3	27.2	8.6	37.0	6.2	
Mesa County, Colorado	20.4	4.3	19.8	4.5	20.1	3.2	17.7	4.0	16.2	4.0	17.0	2.7	—	—	—	—	52.4	8.5	
Pueblo County, Colorado	18.8	3.1	21.5	3.9	20.1	2.3	16.1	3.4	14.9	3.7	15.4	2.3	—	—	—	—	39.1	7.7	
Teller County, Colorado	18.4	4.3	17.9	4.3	18.3	3.5	15.3	3.8	13.1	3.7	14.3	3.0	—	—	—	—	41.0	9.4	
Weld County, Colorado	19.6	4.7	20.4	5.2	20.1	3.5	17.6	4.0	18.1	5.2	17.8	3.4	—	—	—	—	41.8	7.5	
Broome County, New York	22.0	3.3	21.7	3.3	21.9	2.3	18.9	2.8	17.0	3.0	18.0	2.0	48.0	9.2	28.9	7.1	38.7	5.6	
Jefferson County, New York	24.5	3.8	21.9	3.6	23.2	2.8	21.5	3.6	18.0	3.2	19.7	2.6	42.9	10.7	24.5	7.8	34.4	6.9	
Rockland County, New York	19.6	3.7	24.4	4.7	22.0	3.0	17.2	3.6	18.2	3.7	17.7	2.5	37.4	13.0	37.8	10.2	37.6	7.2	
Clark County, Washington	20.6	3.3	18.0	4.4	19.4	2.6	17.4	3.2	12.5	3.8	14.9	2.3	46.9	11.2	—	—	42.3	8.0	
Large cities/urban communities																			
Boston, Massachusetts	21.6	5.0	21.1	3.4	21.5	2.9	18.0	4.9	15.5	3.3	16.8	2.7	—	—	—	—	28.4	7.4	
New Orleans, Louisiana	25.8	3.2	30.3	3.7	27.9	2.6	16.9	2.8	18.0	2.4	17.4	1.8	38.3	9.2	28.4	9.2	33.9	6.5	
Pinellas County, Florida	20.3	4.4	15.1	4.4	17.7	2.4	16.2	3.9	13.0	4.0	14.6	2.4	—	—	—	—	34.8	7.3	
Salinas, California	15.4	4.2	15.1	3.3	15.5	2.6	12.1	3.9	10.4	2.7	11.5	2.3	—	—	—	—	31.1	9.7	
Median	20.3		20.4		20.1		16.9		15.5		15.9		44.9		28.4			37.6	
Range	11.9–25.8		15.1–30.3		15.5–27.9		9.4–21.5		10.4–18.2		10.9–19.7		37.4–48.1		24.5–37.8			28.4–52.4	
United States	17.0	1.3	17.3	1.4	17.1	0.9	14.7	1.0	14.3	1.4	14.5	0.9	45.7	4.3	30.4	4.1		37.9	2.9

* Ever told by a doctor or nurse that they had asthma.

† Had lifetime asthma and during the 12 months preceding the survey, reported either having asthma but no episode or attack or having an asthma episode or attack.

‡ Had an asthma episode or attack during the 12 months preceding the survey, among students with current asthma.

§ 95% confidence interval.

** Data not available.

TABLE 16. Percentage of high school students who had lifetime diabetes and percentage who described their health, in general, as fair or poor, by sex — selected Steps communities, Youth Risk Behavior Survey, 2005

Steps community	Lifetime diabetes						Described health as fair or poor					
	Female		Male		Total		Female		Male		Total	
	%	CI* (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)	%	CI (±)
State-coordinated small cities/rural communities												
Cochise County, Arizona	2.1	1.8	3.0	1.5	2.7	1.4	12.7	2.9	10.1	4.2	11.4	3.2
Santa Cruz County, Arizona	2.2	1.4	3.2	1.5	2.8	0.9	8.4	2.6	8.9	2.5	8.8	1.9
Yuma County, Arizona	1.9	1.1	1.8	1.0	1.9	0.7	16.0	2.8	10.4	2.6	13.1	2.3
Mesa County, Colorado	3.4	1.8	2.1	1.3	2.7	1.2	9.8	3.4	4.9	2.4	7.3	2.4
Pueblo County, Colorado	2.3	1.3	4.7	2.2	3.5	1.5	12.3	3.9	9.6	3.3	10.9	2.5
Teller County, Colorado	3.3	1.7	3.8	1.8	3.9	1.3	10.2	3.4	7.0	3.2	8.6	2.4
Weld County, Colorado	5.5	2.2	3.9	1.9	4.8	1.4	10.1	3.1	5.5	2.2	7.8	1.8
Broome County, New York	3.2	1.3	4.4	1.7	4.0	1.2	8.0	2.5	6.9	2.2	7.4	2.0
Jefferson County, New York	2.7	1.6	4.8	2.0	3.8	1.2	12.4	2.7	7.7	2.3	10.1	1.8
Rockland County, New York	3.0	1.7	5.7	2.7	4.4	1.6	11.3	3.5	6.2	2.2	8.7	2.1
Clark County, Washington	0.7	0.7	3.5	1.7	2.2	1.0	12.9	3.2	9.3	2.9	11.1	2.3
Large cities/urban communities												
Boston, Massachusetts	—†	—	—	—	—	—	—	—	—	—	—	—
New Orleans, Louisiana	—	—	—	—	—	—	10.1	2.2	8.9	2.6	9.5	1.8
Pinellas County, Florida	2.1	1.5	4.4	2.6	3.2	1.6	10.4	2.8	7.6	3.3	9.1	2.0
Salinas, California	1.8	1.5	2.8	1.4	2.7	1.5	13.4	3.4	12.1	3.4	12.8	2.7
Median	2.3		3.8		3.2		10.8		8.3		9.3	
Range	0.7–5.5		1.8–5.7		1.9–4.8		8.0–16.0		4.9–12.1		7.3–13.1	
United States	—	—	—	—	—	—	9.6	1.0	7.1	0.7	8.3	0.7

* 95% confidence interval.

† Data not available.

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