



PROFILES

2020

School Health Profiles

Characteristics of Health Programs
Among Secondary Schools



**Centers for Disease
Control and Prevention**
National Center for HIV, Viral
Hepatitis, STD, and TB Prevention

ACKNOWLEDGMENTS

This report was prepared by Jennifer C. Smith-Grant, Nancy D. Brener, Adriana Rico, and J. Michael Underwood, of the School-Based Surveillance Branch, Division of Adolescent and School Health (DASH), National Center for HIV, Viral Hepatitis, STD, and TB Prevention, and Barbara Queen of Westat.

Publication of this report would not have been possible without the hard work and dedication of School Health Profiles (Profiles) coordinators in states, school districts, territories, and tribes (see pp. v-vii). We also acknowledge the contributions of the following subject matter experts towards the development of the 2020 questionnaires and report: Susan Hocevar Adkins, Marci Hertz, Michelle Johns, Nicole Liddon, Leah Robin, Nick Suarez, Leigh Szucs, Natalie Wilkins, and Emily Young of the Research Application and Evaluation Branch in DASH; Kelly Cornett, Sarah Lee, Zanie Leroy, Caitlin Merlo, Shannon Michael, and Sarah Sliwa of the School Health Branch, Division of Population Health, National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP); and Katrina Trivers of the Office on Smoking and Health, NCCDPHP.

For more information or to request free copies of this report, contact:

Division of Adolescent and School Health

Phone: 1-800-CDC-INFO

Email: HealthyYouth@cdc.gov

Web address: <https://www.cdc.gov/healthyyouth/data/profiles/results.htm>

Suggested Citation

Centers for Disease Control and Prevention. *School Health Profiles 2020: Characteristics of Health Programs Among Secondary Schools*. Atlanta: Centers for Disease Control and Prevention; 2022.

All material in this report is in the public domain and may be reproduced or copied without permission. Citation of the source is, however, requested and appreciated.

School Health Profiles 2020

Characteristics of Health Programs Among Secondary Schools

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

2022

TABLE OF CONTENTS

ACKNOWLEDGMENTS.....	I
ABSTRACT	VI
SCHOOL HEALTH PROFILES COORDINATORS.....	VII
BACKGROUND AND INTRODUCTION	1
HEALTH EDUCATION	1
Curricula	1
Instructional Requirements.....	2
Professional Preparation and Professional Development	3
Sexual Health Education	3
PHYSICAL EDUCATION AND PHYSICAL ACTIVITY	4
NUTRITION ENVIRONMENT AND SERVICES.....	5
HEALTHY AND SAFE SCHOOL ENVIRONMENT	6
Tobacco-Use Prevention.....	6
Alcohol and Other Drug Use Prevention.....	8
Practices to Prevent Bullying and Sexual Harassment	8
Safe and Supportive Environments for Sexual and Gender Minority Youth	9
HEALTH SERVICES.....	9
Health Services for Students with Chronic Conditions	10
Sexual and Reproductive Health Services	10
FAMILY ENGAGEMENT AND COMMUNITY INVOLVEMENT.....	10
SCHOOL HEALTH COORDINATION	11
Before- and After-School Programs	12
REPORT CONTENTS.....	13
METHODS.....	13
SAMPLING.....	13
DATA COLLECTION	13
DATA ANALYSIS.....	14
RESULTS	16
HEALTH EDUCATION	16
Required Health Education	16
Materials for Health Education Teachers	16
Materials for Staff Who Teach Sexual Health Education.....	16
Content of Required Health Education	16
Tobacco-Use Prevention Topics	16
Alcohol- and Other Drug-Use Prevention Topics	16
Sexual Health Topics	16

Nutrition and Dietary Behavior Topics	17
Physical Activity Topics	17
Collaboration	17
Health Information to Increase Parent and Family Knowledge	17
Professional Preparation and Professional Development	17
PHYSICAL EDUCATION AND PHYSICAL ACTIVITY.....	18
Required Physical Education.....	18
Physical Education Practices.....	18
Physical Activity.....	18
NUTRITION ENVIRONMENT AND SERVICES.....	18
HEALTHY AND SAFE SCHOOL ENVIRONMENT (INCLUDES SOCIAL AND EMOTIONAL CLIMATE).....	19
Tobacco-Use Prevention	19
Practices to Prevent Bullying and Sexual Harassment	19
Safe and Supportive School Environments for Sexual Minority and Transgender Students.....	20
HEALTH SERVICES.....	20
FAMILY ENGAGEMENT AND COMMUNITY INVOLVEMENT.....	21
SCHOOL HEALTH COORDINATION	21
Before- and After-School Programs	22
FIGURES	23
CHANGES OVER TIME	29
LONG-TERM CHANGES AMONG STATES	29
Health Education.....	29
Nutrition Environment and Services.....	29
Healthy and Safe School Environment.....	29
School Health Coordination.....	30
Health Education.....	30
Physical Education and Physical Activity.....	31
Nutrition Environment and Services.....	31
LONG-TERM CHANGES AMONG DISTRICTS	32
Health Education.....	32
Healthy and Safe School Environment.....	33
Physical Education and Physical Activity.....	33
Nutrition Environment and Services.....	33
School Health Coordination.....	33
Health Education.....	34
Healthy and Safe School Environment.....	35
SHORT-TERM CHANGES AMONG STATES.....	36
Health Education.....	36
School Health Coordination.....	36

SHORT-TERM CHANGES AMONG DISTRICTS 36

- Health Education.....36
- Physical Education and Physical Activity.....37
- Nutrition Environment and Services.....37
- Healthy and Safe School Environment.....37
- School Health Coordination.....37
- Family Engagement and Community Involvement37

REFERENCES 38

TABLES 51

ABSTRACT

The Centers for Disease Control and Prevention established School Health Profiles (Profiles) in 1996 to monitor school health policies and practices in secondary schools in states and school districts across the United States. Profiles is a system of surveys conducted biennially in even-numbered years and provides data on the following topics: health education requirements and content, physical education and activity, safe and supportive environments, health services, and school health coordination. In March 2020, the COVID-19 pandemic forced schools across the United States to close, interrupting Profiles administration. Data collection, originally planned for January-June, was extended in several states and local agencies through December 2020. The 2020 Profiles marks the first routine surveillance assessment of school health programs since the pandemic. Further, for the first time in system history, the 2020 Profiles report includes nationwide estimates in addition to state and district data. Profiles surveys are conducted by education and health agencies among middle and high school principals and lead health education teachers. This report describes Profiles methods, showcases results from the 2020 Profiles, summarizes changes over time, and reveals both strengths and weaknesses in school health programs nationwide. These data can be used to compare results across jurisdictions, plan and monitor programs, identify professional development needs, and support health-related policies and legislation.

SCHOOL HEALTH PROFILES COORDINATORS

Site	Coordinator	Affiliation
STATE COORDINATORS		
Alabama	Angie Pelton	Department of Public Health
Alaska	Pat Sidmore	Department of Health and Social Services
Arizona	Stephanie Martinez	Department of Health Services
Arkansas	Jerri Clark	Department of Education
California	Daniela E. Torres, MPH	Department of Education
Connecticut	Celeste Jorge	Department of Public Health
Delaware	Dale Goodine	Division of Public Health
Florida	Nancy Narvaez-Garcia	Department of Education
Georgia	Rana Bayakly	Department of Public Health
Hawaii	Nadine Marchessault, MEd	Department of Education
Idaho	Eric Studebaker	Department of Education
Illinois	Adenika Sosina	Board of Education
Indiana	Cassandra Lim	Department of Health
Iowa	Rhonda Chittenden	Department of Public Health
Kansas	Mark Thompson, PhD	Department of Education
Kentucky	Stephanie Bunge, MEd	Department of Education
Louisiana	Michael Comeaux	Department of Education
Maine	Jean Zimmerman, MS	Department of Education
Maryland	Alicia Mezu, MSN, MEd	Department of Education
Massachusetts	Chiniqua N. Milligan, MPH	Department of Elementary and Secondary Education
Michigan	Nicole Kramer	Department of Education
Minnesota	Daniel Fernandez-Baca, MA	Department of Health
Mississippi	Louis King, MPA	Department of Education
Missouri	Zachary Wheeler	Department of Elementary and Secondary Education
Montana	Susan Court	Office of Public Instruction
Nebraska	Jessie Coffey	Department of Education
Nevada	Wei Yang	Division of Public and Behavioral Health
New Hampshire	Gretchen Tetreault	Department of Education
New Jersey	Shawanda Beale	Department of Education
New Mexico	Dan Green	Public Education Department
New York	Karen Hollowood	Education Department
North Carolina	Les Spell, MAEd	Department of Public Instruction
North Dakota	Deb Pilon	Department of Public Instruction
Ohio	Mallory Minter-Mohr	Department of Health
Oklahoma	Thad Burk	Department of Health
Oregon	Rosalyn Liu	Health Authority--Public Health Division
Pennsylvania	Nicholas Slotterback, MS	Department of Education
Rhode Island	Rosemary Reilly-Chammat, MPA, EdD	Department of Elementary and Secondary Education
South Carolina	Sabrina Moore	Department of Education
Tennessee	Mark Bloodworth	Department of Education

SCHOOL HEALTH PROFILES COORDINATORS (CONTINUED)

Site	Coordinator	Affiliation
Texas	Rebecca Wood	Department of State Health Services
Utah	Michael Friedrichs, MS	Department of Health
Vermont	Kristen Murray, PhD	Department of Health
Virginia	Freda Williams	Department of Health
Washington	Laurie Dils	Office of Superintendent of Public Instruction
West Virginia	Josh Grant	Department of Education
Wisconsin	Owen Tortora	Department of Public Instruction

SCHOOL DISTRICT COORDINATORS

Albuquerque, NM	Kristine Meurer	Albuquerque Public Schools
Boston, MA	Pamela Acero, MS	Boston Public Schools
Broward County, FL	Sebrina James, EdS	Broward County Public Schools
Chicago, IL	Marissa Hermann	Chicago Public Schools
Cleveland, OH	Sharon Stevens	Cleveland Metropolitan School District
District of Columbia	Sulianie Mertus	Office of the State Superintendent of Education
Duval County, FL	Tiffany Wells, MS	Duval County Public Schools
Eaton Regional Education Service Agency, MI	Christina Holmes	Eaton Regional Education Service Agency
Fort Worth, TX	Edward Patterson, MS	Fort Worth Independent School District
Gaston County, NC	Chad Duncan	Gaston County Schools
Genesee Consortium, MI	Judy Fridline	Genesee Intermediate School District
Hillsborough County, FL	Lauren Woodward	Hillsborough County Public Schools
Houston, TX	Felicia Ceaser-White, MSED	Houston Independent School District
Los Angeles, CA	Timothy Kordic, MA	Los Angeles Unified School District
Nashville, TN	Megan Cusson-Lark	Metro Nashville Public Schools
Newark, NJ	Michelina Thornton	Newark Public Schools
New York City, NY	Tianna Kong, MPH	New York City Department of Education
Oakland, CA	Ilsa Bertolini, MA	Oakland Unified School District
Orange County, FL	Brenda Christopher-Muench	Orange County Public Schools
Palm Beach County, FL	William P. Stewart, Jr., MPH	School District of Palm Beach County
Pasco County, FL	Matt Wicks	Pasco County Schools
Philadelphia, PA	Erin McCrossan	Philadelphia School District
Portland, OR	Lexie Zimbelman	Portland Public Schools
San Diego, CA	Rachel Miller, MEd	San Diego Unified School District
San Francisco, CA	Kimberley Levine, MHA	San Francisco Unified School District
Seattle, WA	Lisa Love	Seattle Public Schools
Shelby County, TN	Carla Shirley, PhD	Shelby County Schools
Spartanburg County Consortium, SC	Lucy Willms	Spartanburg High School

TERRITORIAL COORDINATORS

Puerto Rico	Maria Martinez Alonso	Department of Education
-------------	-----------------------	-------------------------

BACKGROUND AND INTRODUCTION

In 2019, 96.8% of young people aged 7-17 years were enrolled in school in the United States.¹ Because young people attend school about six hours a day approximately 180 days per year during a critical period of their development, schools are in a unique position to help improve the health status of youth nationwide. To measure progress in the implementation of school policies and practices to help improve the health of school-aged youth, the Centers for Disease Control and Prevention (CDC), in collaboration with state and local education and health agencies, developed the School Health Profiles (Profiles). Profiles has been conducted biennially since 1996 and includes state, school district, territorial, and tribal surveys of principals and lead health education teachers in middle and high schools. Profiles helps education and health agencies in these jurisdictions monitor and assess characteristics of and trends in school health education requirements and content (including sexual health education); physical education and physical activity; safe and supportive environments, including practices related to bullying and sexual harassment; school health policies related to tobacco-use prevention and nutrition; school-based health services; family engagement and community involvement; and school health coordination.

The Whole School, Whole Community, Whole Child (WSCC) model, developed in 2014, incorporates “the components of a coordinated school health program around the tenets of a whole child approach to education.” The model “provides a framework to address the symbiotic relationship between learning and health” and underscores the importance of developing and implementing evidence-based school policies and practices through 10 components.² Profiles provides information on seven of these 10 components: health education, physical education and physical activity, nutrition environment and services,

social and emotional climate, health services, family engagement, and community involvement. (Some WSCC components—counseling, psychological, and social services; physical environment; and employee wellness—are not addressed in the Profiles survey.) Profiles also provides information on the coordination of all components of school health.

HEALTH EDUCATION

Health education is vital to the primary mission of schools. Research demonstrates important connections between health and learning³⁻⁵ and highlights the critical role of schools in providing coordinated and comprehensive health education for all students.⁶⁻⁹ Health education helps youth gain the functional knowledge and skills needed for making health-promoting decisions, achieving health literacy,¹⁰ adopting health-enhancing behaviors,¹¹ and promoting the health of others.^{9,12} Health education tends to be more effective when delivered by well-trained and supported educators, given adequate instructional time and resources, and when it incorporates linkages to other school curricular areas.^{9,12}

Curricula

School-based health education is shaped, in large part, by educational curricula. The term “curricula” refers to a written course of study that broadly outlines what students will know and be able to do across all grade levels, pre-K through 12th grade.^{9,11-15} Ideally, health education curricula include content and skills to address a variety of health-related topics (e.g., sexual health, mental and emotional health, and nutrition), and are consistent with scientific evidence and best practice, teacher-supported, unbiased, and based on the unique health and learning needs of youth.^{9,11} Specifically, health education curricula may include:

- A set of intended learning outcomes or objectives that directly relate to students' acquisition of health-related knowledge, attitudes, and skills.
- A planned progression of developmentally appropriate lessons or learning experiences that lead to achieving health objectives.
- Continuity between lessons or learning experiences that clearly reinforce the adoption and maintenance of specific health-enhancing behaviors.
- Content or materials that correspond with the sequence of learning events and help teachers and students meet the learning objectives.
- Assessment strategies to determine if students have achieved the desired learning.

Health education curricula are often designed to address national, state, or local standard frameworks. Commonly, curricula reference The National Health Education Standards (NHES), which include written expectations (i.e., performance indicators) for what students should know and be able to do by specified grade levels to promote personal, family, and community health.¹² NHES provides an organized framework for curriculum development and selection, instruction, and assessment to enable students to:

- **Standard 1:** Comprehend concepts related to health promotion and disease prevention to enhance health.
- **Standard 2:** Analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.
- **Standard 3:** Demonstrate the ability to access valid information and products and services to enhance health.
- **Standard 4:** Demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.

- **Standard 5:** Demonstrate the ability to use decision-making skills to enhance health.
- **Standard 6:** Demonstrate the ability to use goal-setting skills to enhance health.
- **Standard 7:** Demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks.
- **Standard 8:** Demonstrate the ability to advocate for personal, family, and community health.

To complement standards-based health education, current approaches to health education reflect a growing body of research that emphasizes characteristics shared by effective health education curricula and programs, including the following:⁹

- Emphasizing teaching functional health information (i.e., essential knowledge);
- Shaping personal values and beliefs that support healthy behaviors;
- Shaping group norms that value a healthy lifestyle; and
- Developing the essential skills necessary to adopt, practice, and maintain healthy behaviors.

Instructional Requirements

Support for standards-based health education requires adequate instructional time that allows students to practice, adopt, and maintain healthy behaviors.^{9,12,13} The National Academy of Medicine (formerly the Institute of Medicine) has recommended that schools require a one-semester course of health education in secondary school,¹⁴ but the benefits of health education increase when students receive at least three years of a health curriculum.¹⁵ As such, NHES recommends that students in pre-kindergarten through grade 2 receive 40 hours of instruction in health education per year and students in grades 3 through 12 receive 80 hours of instruction per academic year.¹² The importance of adequate

instructional time in health education is articulated in a Healthy People 2030¹⁶ sub-objective, under Adolescent Health (AH):

- **AH-R06:** “Increase the proportion of secondary schools that require students to take at least 2 health education courses between grades 6 and 12.”

Professional Preparation and Professional Development

The quality of health education in schools is determined, in part, by teacher preparation and continued professional development.¹⁷⁻¹⁸ It is critical for teachers to be well-prepared when entering the workforce and committed to continued professional learning and growth throughout their tenure.¹⁹⁻²⁰ Related to preparation, teachers’ attributes such as professional qualifications or certification in health education and professional development experiences have been associated with improvements in student knowledge gains.²¹ Effective professional development for health educators enhances teachers’ subject matter knowledge, improves their instructional skills, and enables teachers to learn state-of-the-art teaching techniques.²²⁻²³ When teachers receive training, they have greater confidence in their teaching abilities and are more likely to implement health education with improved fidelity when compared to teachers who do not receive such training, resulting in increased knowledge gain among students.²⁴⁻²⁶ Furthermore, studies show that professional development helps to boost teacher credibility and empathy with students.²⁷ Improved credibility can help increase the value students place on the topics and their knowledge and skill development.²⁷

Sexual Health Education

Schools are instrumental in educating youth about human sexuality, including unintended pregnancy, human immunodeficiency virus (HIV), and other sexually transmitted diseases (STDs), through delivery of effective primary prevention.²⁸ Ideally, sexual health

education involves a systematic, evidence-informed approach designed to promote sexual health and prevent risk-related behaviors and experiences associated with STD/HIV and pregnancy.^{9,12,29,30} Delivered in a variety of settings including schools, clinics, and community-based venues, sexual health education equips youth with functional health information and fosters skill development through structured, sequential learning experiences.³⁰ As part of a broader school health program, sexual health education uses learning objectives, instructional materials, and student assessment strategies that are medically accurate, developmentally appropriate, affirming, and culturally relevant to target key behavioral outcomes and promote healthy sexual development.^{9,28-30}

A robust evidence base, primarily among heterosexual populations, documents well-designed and implemented school-based STD/HIV and pregnancy prevention programs can decrease sexual risk behaviors among school-age youth, including delaying first sexual intercourse, reducing the number of sex partners, decreasing the number of times youth have condomless sex or sex without contraception, and increasing condom use.³¹⁻³⁸ Studies investigating the experiences and effects of sexual health education among sexual and gender minority youth (SGMY) report mixed results across knowledge, self-efficacy, skills, and behavior.³⁹ While many sexual health interventions tailored for SGMY exist, they are often designed for sexual minority males, focus primarily on HIV prevention, and can lack content (e.g., same-sex sexual behaviors, sexual orientation, and gender identity) relevant for other sexual and gender minorities.³⁹ Efforts to improve accuracy, appropriateness, and relevancy of sexual health information and skill-building for all youth, including SGMY, remain a priority for school-based sexual health education.

Evidence also shows overwhelming support from parents for age-appropriate sexual health education in schools, with a variety of sexual health topics and skills being discussed, including communication skills, STD/HIV risks, sexual abstinence, and SGMY-specific matters across student grade levels.⁴⁰⁻⁴² The importance of providing medically accurate and developmentally appropriate sexual information is agreed upon by parents across varying political affiliations.⁴³

Despite strong evidence and support of sexual health education, national estimates show fewer students have received such education in recent years.⁴⁴ Nationally representative data from 2011-2019 indicate that youth aged 15–19 experienced significant decreases in receipt of key sex education topics (i.e., delaying sex, birth control methods, HIV/AIDS prevention, and STDs); including marked disparities by race/ethnicity and gender in receipt of sex education.⁴⁴ Such declines in students' receipt of sex education limit the ability to meet public health goals outlined in Healthy People 2030.¹⁶ Specifically, increasing the use of sex education curriculum-based programs to help increase birth control use, prevent pregnancies, and reduce rates of STDs, is described in the following Healthy People 2030 objective¹⁶ for Family Planning (FP):

- **FP-08:** "Increase the proportion of adolescents who receive formal instruction on delaying sex, birth control methods, HIV/AIDS prevention, and sexually transmitted diseases before they were 18 years old."

Like other health-related topic areas, sexual health education is traditionally organized within a course of study or curriculum framework.⁹ Evidence-informed tools such as CDC's *Health Education Curriculum Analysis Tool (HECAT)* can be used to develop or revise sexual health education curricula that addresses key healthy behavior outcomes (HBOs), and essential knowledge and skill expectations aligned with local school and community needs and priorities.¹¹ Additionally, using standards-based frameworks such

as the National Health Education Standards (NHES)¹² or National Sexual Education Standards (NSES)⁴⁵ may be useful in identifying a comprehensive set of sexual health topics, skills, or outcomes⁴⁶⁻⁴⁸ to be addressed through curriculum-based primary prevention. As students acquire functional health information and opportunities to practice protective behaviors (e.g., role-playing refusal skills) through sexual health education curricula, they gain confidence in their skills and increase the likelihood of transferring skills and behaviors to real world settings.^{29,49}

Parallel to sexual health education curricula is the requirement of ongoing professional development and training to those teaching sexual health information and skills. Successful professional development has been shown to increase both the amount of time teachers spend on health topics and their self-efficacy toward current and future sexual health education instruction.^{24-26,50} Professional development should provide those delivering sexual health education with necessary skills to use innovative, active learning strategies to support students' acquisition of knowledge and skills needed to prevent HIV, other STDs, and unintended pregnancy.^{24-26,29,51}

PHYSICAL EDUCATION AND PHYSICAL ACTIVITY

According to the *Physical Activity Guidelines for Americans*, 2nd edition, youth ages 6 to 17 years should do 60 minutes (1 hour) or more of moderate-to-vigorous physical activity daily.⁵² As part of this recommendation, youth should engage in vigorous physical activity, muscle strengthening, and bone strengthening activities at least three days per week.⁵² Schools can help students meet this recommendation and create an environment that offers opportunities for students to be physically active during the school day by implementing a Comprehensive School Physical Activity Program (CSPAP).⁵³⁻⁵⁵ A CSPAP includes coordination across five components: physical

education, physical activity during school, physical activity before and after school, staff involvement, and family and community engagement.⁵⁵ Schools can support a CSPAP and reinforce social and emotional learning (SEL) core competencies at the same time. Offering physical activity programs before and after school and making physical activity part of classroom time can increase opportunities for social interaction and enjoyment of learning alongside peers, strengthening the connection between school-based physical activity and the social and emotional climate.⁵⁶ State boards of education have the means to advance each CSPAP component through policymaking, convening, and community partnerships.⁵⁷

Physical education, which serves as the foundation of a CSPAP, provides students with a planned, sequential curriculum based on national standards.⁵⁸⁻⁶⁰ Well-designed physical education provides the opportunity for students to learn key concepts while a CSPAP then allows them to practice skills needed to establish and maintain a physically active lifestyle. In addition to physical education, schools can provide other opportunities for physical activity among students. These include classroom physical activity,⁶¹ recess,⁶² walking or biking to school programs, physical activity clubs, intramural sports programs, and interscholastic sports. To expand community engagement, schools and outside organizations can establish joint use agreements (JUAs) that allow not only students, families, and staff but also community members to use school facilities for physical activity opportunities or events.^{52,53,63}

The importance of physical education and physical activity in promoting the health of young people, from elementary school through high school, is supported by the following Healthy People 2030¹⁶ physical activity (PA) objectives:

- **PA-06:** “Increase the proportion of adolescents who do enough aerobic physical activity.”
- **PA-07:** “Increase the proportion of adolescents who do enough muscle-strengthening activity.”
- **PA-08:** “Increase the proportion of adolescents who do enough aerobic and muscle-strengthening activity.”
- **PA-09:** “Increase the proportion of children who do enough aerobic physical activity.”
- **PA-12:** “Increase the proportion of children and adolescents who play sports.”
- **PA-11:** “Increase the proportion of adolescents who walk or bike to get places.”
- **PA-R02:** “Increase the proportion of parents who follow AAP recommendations on limiting screen time for children aged 6 to 17 years.”
- **ECBP-01:** “Increase the proportion of adolescents who participate in daily school physical education.”
- **EH-D01:** “Increase the proportion of schools with policies and practices that promote health and safety.”

NUTRITION ENVIRONMENT AND SERVICES

As defined in the Whole Community, Whole Child (WSCC) model, the school nutrition environment provides students with opportunities to learn about and practice healthy eating through foods and beverages available at school, nutrition education, and messages about food and nutrition in the cafeteria and throughout the school campus.² Schools typically provide foods and beverages through the United States Department of Agriculture (USDA) school meal programs (e.g., National School Lunch Program and School Breakfast Program) and may also sell or offer other items outside these programs. Foods or beverages sold at school separately from the USDA school meal programs are known as competitive foods.^{64,65} Competitive foods have historically been relatively low in nutrient density and relatively high in fat, added sugars, and calories.^{66,67} Previous research has provided evidence that the school nutrition environment is associated with youth dietary behaviors and obesity.⁶⁸⁻⁷¹

Students may consume as much as half of their daily calories at school.⁷² Therefore, schools are in a unique position to provide students with healthy options and to help students learn about healthy eating patterns. A healthy school nutrition environment provides students with nutritious and appealing foods and beverages, consistent and accurate messages about good nutrition, and ways to learn about and practice healthy eating. For example, school garden programs combined with nutrition education have been shown to increase vegetable consumption among students.⁷³ Such environments are supported by the Healthy, Hunger-Free Kids Act (HHFKA), which strengthened school meal requirements^{74,75} and established new federal nutrition standards for competitive foods sold during the school day, called Smart Snacks in School.⁷⁶ HHFKA also requires that schools participating in the National School Lunch Program make free drinking water available to students where meals are served during meal service hours.⁷⁶ Schools participating in the School Breakfast Program must make drinking water available when breakfast is served in the cafeteria. Additionally, districts must update their local school wellness policy to include nutrition standards for all foods and beverages available during the school day, including those offered at classroom parties and celebrations, as well as policies that allow food and beverage marketing and advertising of only those foods and beverages that meet the Smart Snacks in Schools nutrition standards.⁷⁷ The implementation of these policies and practices helps support the achievement of Healthy People 2030¹⁶ Educational and Community-Based Programs (ECBP) and Nutrition and Weight Status (NWS) objectives for Nutrition and Healthy Eating:

- **ECBP-D02:** “Increase the proportion of schools that don’t sell less healthy foods and drinks.”
- **NWS-06:** “Increase fruit consumption by people aged 2 years and over.”
- **NWS-07:** “Increase vegetable consumption by people aged 2 years and older.”

- **NWS-08:** “Increase consumption of dark green vegetables, red and orange vegetables, and beans and peas by people aged 2 years and over.”
- **NWS-09:** “Increase whole grain consumption by people aged 2 years and over.”
- **NWS-10:** “Reduce consumption of added sugars by people aged 2 years and over.”
- **NWS-11:** “Reduce consumption of saturated fat by people aged 2 years and over.”
- **NWS-12:** “Reduce consumption of sodium by people aged 2 years and over.”

HEALTHY AND SAFE SCHOOL ENVIRONMENT

Healthy and safe school environment refers to the physical and aesthetic surroundings and the psychosocial climate and culture of the school. A safe, positive physical and psychosocial environment helps to prevent school failure, substance use, and violence.⁷⁸ Schools can create a safe and supportive environment by implementing school health policies and activities that support the health and well-being of all students at the school. Many elements might promote such an environment; those measured with Profiles data include tobacco-use prevention, policies to prevent bullying and sexual harassment, and policies and practices that create safe and supportive environments for SGMY students.

Tobacco-Use Prevention

Recent changes to the tobacco product landscape, including the continually expanding and evolving range of electronic vapor devices such as e-cigarettes, have shifted the types of tobacco products used by youth.^{79,80} Since 2014, e-cigarettes have been the most commonly used tobacco product among US youth.⁸¹ Multiple reports of the Surgeon General reinforce that coordinated, multi-component interventions can be effective in reducing the initiation, prevalence, and intensity of tobacco product use among youth

and young adults.^{82,83} Such interventions combine mass media campaigns, price and tax increases, implementation of comprehensive policies that prohibit e-cigarette use and conventional tobacco smoking in indoor public places, and school-based policies and practices.

Tobacco-free campus policies prohibit the use of all tobacco products by students, faculty, staff, and visitors in school buildings; on school grounds, in school buses and other vehicles used to transport students; and at off-campus, school-sponsored events during school and non-school hours.⁸⁴ However, recent studies of youth have indicated that e-cigarette devices, in particular, are being used among youth in schools, including inside bathrooms and classrooms.^{85,86} Notably, secondhand aerosol from e-cigarettes is not as safe as clean air and can contain nicotine, heavy metals, cancer-causing chemicals, and ultrafine particles.⁸³ Schools' implementation of tobacco-free campus policies can prevent harmful and potentially harmful secondhand exposures while supporting progress toward achieving a Healthy People 2030¹⁶ objective for Tobacco Use (TU):

- **TU-15:** "Increase tobacco-free environments in schools, including all school facilities, property, vehicles, and school events."

To assist communities in planning and establishing effective tobacco control programs, CDC has developed multiple guidance documents, including *Best Practices for Comprehensive Tobacco Control Programs—2014*⁸⁷ and *Guidelines for School Health Programs to Prevent Tobacco Use and Addiction*.⁸⁴ In addition to the development and enforcement of a comprehensive tobacco-free campus policy,^{82,87} the following are key elements of the strategies schools can use to prevent initiation of and reduce tobacco product use among youth:⁸⁴

- Prohibit tobacco advertising in school buildings, on school property, and in school publications.

- Reject all contributions from the tobacco industry, including funding and event sponsorship, in-kind support, and tobacco prevention education materials.
- Provide instruction about the negative consequences of short-term and long-term tobacco product use; social influences on tobacco use, including tobacco industry marketing; peer norms regarding tobacco use; and refusal skills.
- Provide tobacco prevention education for students in kindergarten through grade 12, with increased intensity in junior high or middle school,⁸² the stage of life with the most acceleration of onset rates. Because tobacco industry-sponsored school-based tobacco prevention programs are ineffective and may promote tobacco product use among youth,⁸¹ it is important that school-based prevention education remains independent of tobacco industry influence.⁸⁸
- Educate school staff members and parents about the changing product marketplace and known health risks of youth tobacco product use, including e-cigarettes.
- Support cessation efforts among students and staff who use tobacco products.

Additionally, according to the Surgeon General's Report, *Preventing Tobacco Use Among Youth and Young Adults*, effective prevention programs may include the following important components:⁸²

- They use interactive delivery methods.
- They employ the social influences model.
- They include components on norms and commitments not to use tobacco products and intentions not to use this product.
- They add community components.
- They include the use of peer leaders rather than relying totally on adult providers.

- They include training and practice in the use of refusal and other life skills.

Alcohol and Other Drug Use Prevention

Between 2009 and 2019, there have been significant declines among youth in grades 9-12 in use of alcohol and other drugs, specifically, in current alcohol use, and in ever using cocaine, methamphetamines, heroin, or an injection drug.⁸⁹ Despite these encouraging improvements, alcohol and substance use remain prevalent among youth. Nearly thirty percent (29.2%) of youth report currently using alcohol, 21.7% report current marijuana use, 13.7% current binge drinking, and 7.2% current prescription opioid misuse.⁸⁹ In addition, recent data suggest youth perceive less risk associated with alcohol and substance use than they have in the past. For example, among youth ages 12 to 17, in 2019, 34.6% perceived great risk of harm from smoking marijuana weekly, a decline from 40.6% in 2015. Similar declines in risk perception were noted for weekly cocaine use, with 78.7% of youth perceiving great risk of harm in 2019, compared to 80.2% in 2016, and 63.5% perceiving great risk of harm from daily binge drinking in 2019, down from 65.5% in 2016.⁹⁰

Prevention of substance misuse is critical, because early substance use increases the likelihood of concurrent mental health challenges⁹¹ and engagement in other risk behaviors, including teen dating violence and sexual violence.⁹² Early substance use also increases the likelihood of adult substance use disorders.^{93,94} The *Surgeon General's Report on Alcohol, Drugs, and Health*⁹⁵ calls for parents, schools, and others to deliver “comprehensive, evidence-based community prevention programs that are sustained over time.” As noted in the report, school-based prevention strategies can be effective in delaying or preventing initiation of substance use and preventing escalation of use. Schools are noted as an optimal prevention setting because of the existence of evidence-based programs that are effective in deterring and delaying substance use and are also cost-effective. These

evidence-based programs are often offered as part of health education, and are generally consistent with the *National Health Education Standards*, including having a focus on building social, emotional, cognitive, and substance refusal skills (Standard 7, practice health-enhancing behaviors and avoid or reduce health risks) and providing students accurate information on rates and amounts of peer substance use (Standard 1, comprehend concepts related to health promotion and disease prevention to enhance health). The most effective of these substance use prevention programs are very interactive, foster skill development, and are implemented over multiple years.⁹⁶

Comprehensive, evidence-based prevention programs aid in achieving the following Healthy People 2030¹⁶ youth-substance use (SU) prevention objectives:

- **SU-R01:** “Increase the proportion of adolescents who think substance abuse is risky.”
- **SU-05:** “Reduce the proportion of adolescents who used drugs in the past month.”
- **SU-06:** “Reduce the proportion of adolescents who used marijuana in the past month.”
- **SU-09:** “Reduce the proportion of people under 21 years who engaged in binge drinking in the past month.”

Practices to Prevent Bullying and Sexual Harassment

Bullying (recurring unwelcome behavior, involving an observed or perceived power imbalance, through which the bully means to harm the bullied student or students) and sexual harassment (unwelcome sexual behavior — in person or online — that impedes a student's education) can lead to adverse academic, psychological, and health outcomes.⁹⁷⁻¹⁰⁰ Research on school-based bullying prevention programs has identified some promising practices. These include having a school-wide anti-bullying policy, enforcing that policy consistently, improving the supervision of students, using school rules and

behavior management techniques in the classroom, and promoting cooperation among teachers, administrators, and parents.¹⁰¹ Regarding harassment, federally funded schools are required to take steps to prevent and remedy sex-based harassment. This includes sexual harassment and gender-based harassment (unwelcome conduct based on a student's sex or non-conformity to sex stereotypes).¹⁰² To help schools in addressing sexual harassment, the U.S. Department of Education has developed guidance on defining, responding to, reporting, and preventing sexual harassment.¹⁰³

Safe and Supportive Environments for Sexual and Gender Minority Youth

Sexual minority youth—those who identify as gay, lesbian, or bisexual, those who have not defined their sexual identity, and those who have had sexual contact with the same sex—experience higher prevalence of health-risk behaviors like substance use, sexual risk, and suicide risk, and experience greater risk of violence victimization than sexual majority youth.^{104,105} Gender minority youth—those whose gender identity does not align with their sex assigned at birth—are more likely to report substance use, suicide risk, sexual risk behaviors, and violence victimization, than cisgender students (those whose gender identity aligns with their sex).¹⁰⁵ Safe and supportive school environments are associated with improved education and health outcomes for all youth, but they are especially important for SGMY, who may experience lower family and school connectedness (a sense of belonging between youth and their family or school), lower connectedness to other adults, and lower peer support than their heterosexual and cisgender peers.^{106,107} SGMY who attend schools with gay/straight alliances or similar clubs are less likely than SGMY who attend schools without these clubs to report dating violence, being threatened or injured with a weapon on school property, and skipping school because they felt unsafe.^{108,109} In addition, SGMY who attend schools with an anti-bullying policy and those who feel there is a

school staff member they can talk to about a problem have a lower risk of suicidality than those who do not attend schools with these supports.^{108,109} Making the school environment safer for sexual minority and transgender students can help achieve the following Healthy People 2030¹⁶ Lesbian, Gay, Bisexual, and Transgender (LGBT) objectives:

- **LGBT-05:** “Reduce bullying of lesbian, gay, or bisexual high school students.”
- **LGBT-06:** “Reduce suicidal thoughts in lesbian, gay, or bisexual high school students.”
- **LGBT-D01:** “Reduce bullying of transgender students.”
- **LGBT-D02:** “Reduce suicidal thoughts in transgender students.”

HEALTH SERVICES

As defined in the WSCC model, school health services address actual and potential health problems among students. Services range from first aid and emergency care to the management of chronic health conditions, such as asthma or diabetes, and also include preventive services and patient education.² Schools can also play an important role in facilitating access to health services through direct provision of on-site services or referrals to student-friendly, community-based providers for more comprehensive services, such as administration of immunizations, case management and counseling, as well as care and prevention of HIV, other STDs, and unintended pregnancy. Such facilitation is especially critical for students who might otherwise have difficulty obtaining access to such services.¹¹⁰

Many U.S. schools have healthcare service infrastructure in place, including school-based health centers (SBHCs) or school nurses, and can play an important role in providing students with access to health services. School nurses are important gatekeepers and play many roles, serving as an extension of the public health system in the school setting. They support success by

providing assessment, intervention, and follow-up for all students during the school day.^{108,109} The National Association of School Nurses recommends that all students have access to a registered school nurse all day, every day.¹¹¹⁻¹¹³

Health Services for Students with Chronic Conditions

Chronic health conditions such as asthma, seizure disorders, diabetes, obesity, high blood pressure/hypertension, and food allergies might affect students' physical and emotional well-being, school attendance, academic performance, and social participation.^{114,115} Academic success is increased when communities, schools, families, and students work together to meet the needs of students with chronic health conditions and provide safe and supportive learning environments.¹¹⁵⁻¹¹⁷ Direct access to school nursing and other health services, as well as disease-specific education, has been shown to improve health and academic outcomes among students with chronic health conditions.¹¹⁷ Schools and school-based health centers can help students with chronic health conditions obtain access to appropriate clinical care and disease management through a primary care provider and medical home. Further, by identifying and tracking students with chronic health conditions, schools can help assess the potential need for additional case management or assistance with enrolling eligible students into private, state, or federally funded insurance programs.¹¹² Community organizations and healthcare providers can address medical, mental health, and social service needs of students if schools lack resources or expertise to address these adequately.

Sexual and Reproductive Health Services

Sexual and reproductive health services (SHS) include preventive measures and education as well as testing for and treatment of STDs. The goal of SHS is to improve the health of youth by identifying health issues early and providing needed services. The need

for SHS among youth is clear: in 2018, nearly half of the estimated 26 million new STDs were among youth aged 15-24¹¹⁸ and 21% of estimated new HIV diagnoses were among youth ages 13-24. Furthermore, youth with HIV are the least likely of any age group to know that they are infected and to be adequately treated.¹¹⁹ Although teen pregnancy rates have declined consistently in recent decades, they remain higher than that in many other developed countries.¹²⁰ While national guidelines exist for sexual and reproductive health service provisions including for youth,¹²¹⁻¹²⁵ many youth do not receive recommended services. For instance, in 2019, only 9% of U.S. high school students reported having ever been tested for HIV.¹⁰⁴ A nationally representative survey noted that only 30% of sexually experienced youth received contraception services, and almost 70% did not get recommended STD services in the prior 12 months; for males, 74% did not receive STD services over the same timeframe.¹²⁶ By increasing use of sexual and reproductive health services among youth, schools can play a critical role in educating students about the importance of SHS and connecting students to needed services either through referral or offering on-site services.

FAMILY ENGAGEMENT AND COMMUNITY INVOLVEMENT

Family engagement and community involvement are two components of the WSCC model for addressing health and academic achievement in schools.²⁶ Schools can actively engage parents to help develop and implement policies and practices that support healthy students, including through decision-making opportunities (e.g., school health advisory councils or teams), classroom volunteering, and routine communication.¹²⁷ Schools can also provide parent education opportunities on how to implement supportive parenting practices at home (e.g., help with school work, parent-student communication, parental monitoring),^{6,128} known to promote healthy behaviors. Such engagement between family and schools is linked to better student behavior¹²⁹⁻¹³¹

and higher academic achievement.¹³²⁻¹³⁴ Similarly, community involvement brings resources and services into schools that help meet the health-related needs of students and can strengthen students' connections to community-based organizations, increasing opportunities for meaningful, pro-social engagement. Community involvement also may help ensure that the history and cultures of the community are appropriately considered in the creation of school policies, programs, and practices, and this can result in greater awareness of those cultures and how related programs are observed among communities.^{133,135}

Together, family engagement and community involvement can strengthen family, school, and community-level protective factors for youth that are known to reduce risk and promote positive health outcomes.¹³⁵⁻¹³⁷ In particular, schools can use family and community resources to foster school connectedness or a sense of belonging between students and the rest of their school. CDC's *School Connectedness: Strategies for Increasing Protective Factors Among Youth* describes how schools can create trusting and caring relationships that promote open communication among administrators, teachers, staff, students, families, and communities.⁷⁸ Students who feel supported at school are more likely than those who do not to excel academically^{135,136} and less likely to engage in health risk behaviors during their youth and into adulthood.^{135,137-140} Additionally, engaging families in schools can strengthen family connectedness, which is known to offer similar benefits as school connectedness.^{137,140} The importance of such connections to family is underscored by the following Healthy People 2030¹⁶ Adolescent Health (AH) and Early and Middle Childhood (EMC) objectives:

- **AH-3:** "Increase the proportion of adolescents who have an adult they can talk to about serious problems."
- **EMC-01:** "Increase the proportion of children and adolescents who communicate positively with their parents."

SCHOOL HEALTH COORDINATION

It is important for schools to appoint someone to oversee the school health program.^{5,140} This individual, often known as a school health coordinator, can coordinate school health program activities that are developed and implemented across the components of the WSCC approach; lead a school health council, committee, or team; and integrate community-based programs with school-based programs.^{140,141} School health councils, committees, or teams also are integral parts of school health. Effective school health or wellness committees or teams include a coalition of representatives from within and outside of the school community interested in improving the health of youth in schools, such as administrators, teachers, parents, students, other school staff (e.g., school nurses, food service staff), and community partners (e.g., after-school providers).¹⁴²⁻¹⁴⁵

School districts participating in the National School Lunch Program or School Breakfast Program are required to develop a local wellness policy and to meet certain implementation requirements, including ensuring stakeholder participation in policy development and updates, documenting how the policy is made available to the general public, and, at least once every three years, assessing compliance.¹⁴⁶ This requirement provides an opportunity for schools to establish school health teams to work with districts on wellness policy implementation.

For schools looking to improve the implementation of policies, programs, or environmental strategies to effect change or improvement in school health, conducting an assessment is a critical first step.¹⁴⁷ This can be accomplished through the use of assessment tools such as the *School Health Index*,¹⁴⁸ which has been shown to bring health issues to the school's attention, build school commitment, encourage development of policy and action, raise awareness of federal policies, and help schools set policies and standards that meet national health objectives.¹⁴⁹⁻¹⁵³

Assessments also help inform school improvement planning. The Every Student Succeeds Act (ESSA),¹⁵⁴ which reauthorized the Elementary and Secondary Education Act of 1965, continues to require certain schools to have a written School Improvement Plan (SIP). Many states and districts also require schools to have such a plan. SIPs can include health-related objectives, since healthy students are present in school and ready to learn, while poor health is a barrier to learning and a frequent cause of underachievement.¹⁵⁵ In turn, academic success is an indicator of overall student well-being and a strong predictor of adult health outcomes.¹⁵⁶⁻¹⁵⁸ The WSCC model recognizes the close relationship between health and education and the need to embed health into the educational environment for all students.²

Before- and After-School Programs

About 7.7 million US youth attend after-school programs when the school day ends.¹⁵⁹ These programs provide youth with safety and supervision¹⁶⁰ and can encompass school-aged childcare, youth development programs, and special interest activities like robotics clubs, arts programs, or sports clubs. Before- and after-school programs, as well as physical activity clubs and intramural and extramural sports, are part of the CSPAP approach to increasing physical education and physical activity on school grounds.^{53-60,161}

In addition to offering opportunities for physical activity, before- and after-school programs (also known as expanded day or out-of-school time [OST] programs) can support student academic achievement^{160,162,163} and may play a role in reducing health disparities.¹⁶⁴ Educational programs outside of regular school hours have been identified among strategies to reduce chronic absenteeism among students.¹⁶⁵ Moreover, programs that follow evidence-based practices aimed at improving personal and social skills of youths are linked with positive social behaviors.^{163,166} Schools may choose to include after-school/expanded day programming as part of a School Improvement Plan.

Different organizations can operate these programs, including schools and school districts, local chapters of national organizations (e.g., Boys & Girls Clubs, YMCAs), universities, community organizations, and parent volunteers. Schools can partner with community-based organizations to provide students with before- or after-school programming and can enter formal agreements to allow for shared use of space or equipment. JUAs can allow for access to facilities that support sports or physical activity.^{53,54,63} A JUA can also allow for access to garden plots, which can provide students with outdoor learning opportunities and are an evidence-based strategy for increasing vegetable consumption in school-aged youth when combined with nutrition education.¹⁶⁷ Access to refrigeration and designated food storage space can present a barrier to after-school programs offering nutritious meals and snacks such as fruits and vegetables.¹⁶⁸ JUAs that allow for shared use of kitchen space may help address this barrier.

Given that schools and before- and after- school programs serve many of the same youth, coordination between school day and OST staff and administrators can help provide young people with consistent messaging and opportunities related to physical activity and nutrition. Schools can engage before- or after-school program staff in coalitions designed to support student wellbeing, including school wellness councils and school health advisory committees.

OST programming can help address the following Healthy People 2030¹⁶ Adolescent Health (AH) and Physical Activity (PA) objectives for child and adolescent development and physical activity:

- **AH-03:** “Increase the proportion of adolescents who have an adult they can talk to about serious problems.”
- **AH-07:** “Reduce chronic school absence among early adolescents.”
- **PA-06:** “Increase the proportion of adolescents who do enough aerobic physical activity.”

- **PA-07:** “Increase the proportion of adolescents who do enough muscle-strengthening activity.”
- **PA-09:** “Increase the proportion of children who do enough aerobic physical activity.”
- **PA-12:** “Increase the proportion of children and adolescents who play sports.”

REPORT CONTENTS

This report summarizes 2020 Profiles data related to all the topics mentioned above and provides data for performance measures for two of CDC’s Notice of Funding Opportunities: 1) CDC-RFA-PS18-1807 Component 2: Promoting Adolescent Health through School-Based HIV Prevention and 2) CDC-RFA-DP18-1801: Improving Student Health and Academic Achievement Through Nutrition, Physical Activity, and the Management of Chronic Conditions in Schools. These performance measures assess the percentage of secondary schools in a jurisdiction that were implementing specific policies and practices recommended by CDC to address critical health problems faced by youth. The measures were based on research findings and derived from CDC scientific guidance documents.¹⁶⁹ Some performance measures are based on a single Profiles question, while others represent the combination of several Profiles questions. Throughout this report, including in the tables, these performance measures are noted as such in parentheses. This report provides information about 44 states, 28 districts, one territory, and one tribe with representative Profiles data from both principal and lead health education teacher surveys. Principal and lead health education teacher data from three states (California, New Jersey, and Wisconsin) were not weighted to be representative of all schools in their jurisdictions and are not included in this report, nor are data from three states that did not participate in 2020 Profiles (Colorado, South Dakota, and Wyoming). This report also summarizes both long-term and short-term changes in school health policies and practices.

METHODS

SAMPLING

Profiles employs random, systematic, equal-probability sampling strategies to produce representative samples of schools that serve students in grades 6 through 12 in each jurisdiction. In most jurisdictions, the sampling frame consists of all regular secondary public schools with one or more of grades 6 through 12. In 2020, 9 states and 26 school districts modified this sampling procedure by conducting a census of schools. That is, they invited all secondary schools in their jurisdiction, rather than just a sample, to participate (Table 1).

DATA COLLECTION

For the 2020 Profiles cycle, all 44 states, 28 districts, and the one territory included in this report began data collection in sampled schools during the 2020 spring semester, but most jurisdictions continued data collection into fall 2020 because of COVID-19-related school closures. (Note: Cherokee Nation tribe also collected 2020 Profiles data but did not give permission to have their data included in this report.) For each middle or high school that was sampled, the principal and the lead health education teacher (the person most knowledgeable about health education at the school) each completed a standard, self-administered questionnaire. State, local, tribal, and territorial agencies had the option of conducting their survey using paper-and-pencil questionnaires or by using a Web-based system.

Fourteen states, 11 school districts, and Puerto Rico used a paper-and-pencil survey administration. In these sites, the principal and lead health education teacher questionnaire booklets were mailed by the state, local, or territorial education or health agency to the principal, who then designated the school’s lead health education teacher to complete the teacher questionnaire. Participation in the survey was confidential and voluntary; follow-up telephone calls, emails, and written reminders were used to encourage

participation. The principal and teacher recorded their responses in the computer-scannable questionnaire booklets and returned them directly to the state, local, or territorial education or health agency.

In 2020, 30 states and 17 school districts conducted Profiles using Web-based systems that contained the same questions as the computer-scannable questionnaire booklets. In these sites, principals were notified by the agency conducting the survey about Profiles and were provided with directions about how to access the Web-based principal questionnaire. They also were asked to designate the school's lead health education teacher to complete the Web-based teacher questionnaire. These teachers were then provided with directions about how to access the Web-based teacher questionnaire. Respondents who had difficulty with the Web-based system or who did not want to use it were offered paper questionnaires. Responses to these paper questionnaires were then entered into the Web-based system by the agency. Data collected via Web-based systems were processed using the same procedures as those used for the data collected via computer-scannable booklets.

DATA ANALYSIS

In previous Profiles cycles, data from sites with response rates of 70% or greater (separately for the principal and teacher surveys) were weighted to reflect the likelihood of principals or teachers being selected and to adjust for differing patterns of nonresponse based on school size (large, medium, small) and school level (middle school, other). This weighting process produced data representative of all public secondary schools in each jurisdiction. For the first time in the 2020 cycle, nonresponse bias analyses were conducted

for sites with response rates below 70% for either the principal or teacher survey or both. These analyses examined whether responding schools differed from nonresponding schools on the following variables available from the sampling frames: school enrollment size (small, medium, large), grade level (middle school, junior/senior high school, high school), and school type (if the site included schools besides regular public schools in their sampling frame [e.g., charter schools]). To obtain auxiliary variables that could be used to compare responding and nonresponding schools, school addresses were geocoded to Census Tract. Geocoded coordinates were then used to determine the school's locale type from the National Center for Education Statistics (city, suburb, town, rural) (<https://nces.ed.gov/surveys/ruraled/definitions.asp>). Geocoding also allowed demographic and socioeconomic variables from the 2015-2019 American Community Survey (ACS) 5-Year Estimates data file (<https://www.census.gov/newsroom/press-kits/2020/acs-5-year.html>) to be merged onto the sampling frame. The following variables from ACS were examined for each site:

- Population density
- Percent of population in each race/ethnic group (white, Black/African American, American Indian/Alaska Native, Asian, Native Hawaiian/Other Pacific Islander, Hispanic, some other race, two or more races)
- Percent of population below poverty level
- Percent of youth ages 5-17 below 100% poverty level

- Percent of population with minimum of high school education
- Percent of population with a college degree or more
- Percent of households without a computer, tablet, or smartphone
- Percent of households with Internet access
- Percent of households with broadband Internet access
- Average median household income
- Percent owner-occupied housing units
- Percent of households on public assistance
- Percent of population with Medicaid coverage
- Percent unemployment

If a site had <10 significant differences between responding and nonresponding schools for the 25 frame and auxiliary variables or if the site had a response rate of 70% or greater, data from that site were weighted to be representative of public secondary schools in the jurisdiction. Only sites with representative data are included in this report.

Across states included in this report, the sample sizes of the principal surveys ranged from 49 to 606 and response rates ranged from 35% to 89%. Across school districts, the sample sizes ranged from 12 to 299 and response rates ranged from 74% to 100% (Table 1). The sample sizes of the lead health education surveys across states ranged from 51 to 605 and response rates ranged from 19% to 83%. Across school districts, the sample sizes ranged from 12 to 291 and response rates ranged from 67% to 100% (Table 1).

SAS software was used to compute weighted estimates. Ranges are presented separately for states and school districts; these are available in Tables 2–58. Because only one territory and one tribe conducted surveys, ranges are not presented for these sites. Data for all variables by site are available in Tables 2–58.

For the first time in 2020, these tables also include nationwide estimates. Data across all participating states plus the District of Columbia (referred to here as states) were combined and weighted to provide nationwide estimates. To accomplish this, data from regular public secondary schools across all states, including states without representative data, were concatenated into a single file and state-level final weights were aggregated. To calculate the final state-level weights, the sampling base weights were adjusted for non-response and the non-response-adjusted weights were scaled to the state population size of all regular public secondary schools based on school size and school level.¹⁷⁰

Estimates are provided for all individual questions on the Profiles questionnaires and all performance measures. Additional summary variables that are not performance measures are also presented in the text and figures. Most variables are presented in the order they are found on the questionnaires, with the variables from the lead health education teacher questionnaire presented first. Other variables are presented according to the topic areas in the report text. Some variables are presented in the report twice because they function alone and as part of a performance measure.

To examine changes between 2018¹⁷¹ and 2020, estimates were compared using t-tests for variables assessed with identically worded questions in both survey years. Estimates were considered statistically different if the t-test p value was <0.05. These analyses were conducted on 165 principal variables and 247 teacher variables. To examine long-term changes, linear trend analyses were conducted using logistic regression for variables assessed with identically worded questions in at least 6 survey cycles (i.e., variables assessed starting in 2010 or earlier). Linear trends were considered statistically significant if the beta p value was <0.05. These analyses were conducted on 47 principal variables and 151 teacher variables.

RESULTS

HEALTH EDUCATION

Required Health Education

Required health education is defined on the Profiles questionnaire as any classroom instruction on health topics, including instruction that occurs outside of health education courses, that students must receive for graduation or promotion from school. A required health education course is defined as one that students must take for graduation or promotion from school and includes instruction about health topics such as injuries and violence, alcohol and other drug use, tobacco product use, nutrition, HIV infection, and physical activity. Results related to required health education can be found in Table 2, Table 3, and Figure 1.

Materials for Health Education Teachers

Schools can provide materials to health education teachers to help them teach. Results related to these materials are listed in Table 4.

Materials for Staff Who Teach Sexual Health Education

Schools can provide materials specific to sexual health education to those who teach these topics. Table 5 shows the percentage of schools that provided these materials to those who teach sexual health education.

Content of Required Health Education

Required health education aims to increase student knowledge about a variety of health-related topics. Tables 6a and 6b show the percentage of schools that tried to increase student knowledge on specific health-related topics in a required course during the current school year.

Health education curricula can be designed to address student skills that correspond to the National Health Education Standards.¹² Table 7 highlights schools with a health education curriculum that addressed these skills.

Tobacco-Use Prevention Topics

Tobacco-use prevention topics taught in a required course can include consequences of tobacco product use, including effects of nicotine exposure during adolescence, external influences on tobacco use, and skills and resources to avoid and to stop using tobacco products. Tables 8a, 8b, 8c, and 9 highlight the percentage of schools that taught specific tobacco-use prevention topics in a required course during the current school year. Figure 2 shows the percentage of schools that taught all 19 tobacco-use prevention topics in a required course during the current school year.

Alcohol- and Other Drug-Use Prevention Topics

Alcohol and other drug-use prevention topics taught in a required course can include harmful effects of using alcohol and other drugs and skills to avoid using alcohol and other drugs. Table 10 highlights the percentage of schools that taught specific alcohol- and other drug-use prevention topics in a required course during the current school year.

Sexual Health Topics

Sexual health topics taught in a required course can include how HIV and other STDs are transmitted and how to reduce the risk of HIV, STDs, and pregnancy, including the benefits of being sexually abstinent, negotiation and decision-making skills, and condom use. The sexual health topics taught in a required course can vary by school level. Tables 11a, 11b, and 11c show the percentage of schools in which teachers taught specific sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year.

Table 12 shows the percentage of schools in which teachers assessed the ability of students to do seven specific sexual risk behavior skills in a required course taught in any of grades 6, 7, or 8 during the current school year. Tables 13a, 13b, and 13c and Figure 2 show the percentage of schools in which teachers taught 22 specific sexual health topics in a required course for students in any of grades 9, 10, 11, and 12 during the current school year. Table 14 highlights the percentage of schools in which teachers assessed the ability of students to do seven specific sexual risk behavior skills in a required course taught in any of grades 9, 10, 11, or 12 during the current school year. Table 15 highlights the percentage of schools in which teachers provided students the opportunity to practice three specific skills in a required course taught during the school year.

Table 16 shows the percentage of schools that implemented inclusive practices when providing sexual health education, including encouraging use of gender-neutral pronouns and providing students with information about LGBT resources.

Nutrition and Dietary Behavior Topics

Nutrition and dietary behavior topics taught in a required course can include choosing healthful foods, food safety, and following a healthy eating pattern that meets individual preferences and needs for growth and development. The percentage of schools that taught 22 specific nutrition and dietary behavior topics in a required course during the current school year is shown in Tables 17a, 17b, and 17c and in Figure 2.

Physical Activity Topics

Physical activity topics taught in a required course can include the benefits of physical activity, guidance for engaging in physical activity, and the challenges to engaging in physical activity. The percentage of schools in which teachers taught 13 specific physical activity topics in a required course during the current school year is shown in Tables 18a and 18b and in Figure 2.

Collaboration

During the current school year, health education staff worked on health education activities with other school staff. Table 19 shows the percentage of schools in which health education staff worked on health education activities with other school staff or groups.

Health Information to Increase Parent and Family Knowledge

During the current school year, schools provided parents and families with health information designed to increase parent and family knowledge. Table 20 shows the percentage of schools that provided this information on specific health topics.

Professional Preparation and Professional Development

Lead health education teachers reported professional preparation in many disciplines. The percentage of schools in which the major emphasis of the lead health education teacher's professional preparation in each specific discipline is shown in Table 21.

Table 22 shows the percentage of schools in which the lead health education teacher was certified, licensed, or endorsed by the state to teach health education in middle school or high school and the number of years the lead health education teacher had experience teaching health education courses or topics.

Lead health education teachers received professional development during the two years before the survey on many topics. Tables 23a and 23b show the percentage of schools in which the lead health education teacher received professional development on specific health topics.

Tables 24a and 24b list the percentage of schools in which the lead health education teacher wanted to receive professional development on these topics.

Lead health education teachers also received professional development during the two years before the survey on teaching methods. Table 25 shows the percentage of schools in which the lead health education teacher received professional development on specific teaching methods. The percentage of schools in which the lead health education teacher wanted to receive professional development on these specific teaching methods is shown in Table 26.

Lead health education teachers also received professional development during the two years before the survey on topics related to teaching sexual health education. The percentage of schools in which the lead health education teacher received professional development on these specific topics is listed in Table 27. The percentage of schools in which the lead health education teacher wanted to receive professional development on these specific topics is shown in Table 28.

PHYSICAL EDUCATION AND PHYSICAL ACTIVITY

Required Physical Education

Physical education is defined on the Profiles questionnaire as instruction that helps students develop the knowledge, attitudes, skills, and confidence needed to adopt and maintain a physically active lifestyle that students must receive for graduation or promotion from school. Among schools with students in particular grades, the percentage of schools that taught a required physical education course in that grade is shown in Table 29.

Physical Education Practices

Certain practices, such as ensuring that physical education teachers follow a written curriculum, are part of a well-designed physical education program. The percentage of schools engaging in each of these practices is shown in Table 30.

Physical Activity

To promote physical activity in addition to physical education, schools can offer students other opportunities to be physically active through CSPAPs that incorporate practices such as classroom physical activity or interscholastic sports. Table 31 shows the percentage of schools that offered specific physical activity opportunities for students.

The goals of a CSPAP are to provide (1) a variety of school-based physical activities that enable all students to participate in at least 60 minutes of moderate-to-vigorous physical activity each day and (2) coordination among the CSPAP components so that all students will be fully physically educated and well-equipped for a lifetime of physical activity.⁵⁵ Table 32 shows the percentage of schools having process and supporting elements of a CSPAP in place.

NUTRITION ENVIRONMENT AND SERVICES

The school nutrition environment includes not only the federal school meal programs, but also foods and beverages sold and offered at school separately from these programs. The percentage of schools that allowed students to purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar is shown in Table 33. Table 33 also shows the percentage of schools that allowed students to purchase specific less nutritious snack foods and beverages from vending machines or at the school store, canteen, or snack bar, as well as the percentage of schools that did not sell candy, baked goods that are not low in fat, salty snacks that are not low in fat, soda pop or fruit drinks that are not 100% juice, or sports drinks in vending machines or at the school store, canteen, or snack bar (performance measure).

The percentage of schools that allowed students to purchase other specific less nutritious snack foods or beverages (not included in the performance measure described directly above) from vending machines or at the school store, canteen, or snack bar is shown in Table 34.

Table 35 shows the percentage of schools that allowed students to purchase specific more nutritious snack foods or beverages from vending machines or at the school store, canteen, or snack bar. Among all schools, the percentage of schools that always or almost always offered fruits or non-fried vegetables at school celebrations when foods and beverages were offered also is shown in Table 35.

Tables 36a and 36b show the percentage of schools that implemented specific strategies to promote healthy eating during the current school year.

Another important aspect of the school nutrition environment is advertisements for and promotion of foods and beverages that do not meet the Smart Snacks in Schools nutrition standards. Table 37 shows the percentage of schools that prohibited advertisements for candy, fast food restaurants, or soft drinks in five specific locations – in school buildings, on school grounds, on buses or other transportation vehicles, in school publications, and in curricula.

In addition to the HHFKA⁷⁶ requirement that schools participating in the National School Lunch Program make free water available to students where meals are served during service hours, drinking water can also be made available to students at other times and locations. The percentage of schools that made drinking water available to students in specific times and locations and the percentage that permitted students to have a drinking water bottle with them during the school day is shown in Table 38.

HEALTHY AND SAFE SCHOOL ENVIRONMENT (INCLUDES SOCIAL AND EMOTIONAL CLIMATE)

Tobacco-Use Prevention

Policies prohibiting use of any tobacco products at school can help prevent tobacco use among students and prevent secondhand exposure to tobacco smoke and e-cigarette aerosol.^{82,83} The percentage of schools that had a policy prohibiting tobacco product use is shown in Table 39. Table 39 also shows the percentage of schools that prohibited the use of tobacco products, including e-cigarettes, cigarettes, smokeless tobacco (e.g., chewing tobacco, snuff, dip, snus), cigars, and pipes, by students, faculty, school staff, and visitors in school buildings, outside on school grounds (including parking lots and playing fields), on school buses or other vehicles used to transport students, and at off-campus, school-sponsored events during school hours and non-school hours. The percentage of schools that also prohibited the use of electronic vapor products for all these groups, locations, and times is shown in Table 39.

To determine the percentage of schools that prohibited the use of all tobacco products among all groups as described above, the Profiles questionnaire specifically asks about policies prohibiting the use of each type of tobacco product for specific groups during any school-related activity, including e-cigarettes, vape pens, or hookah pens. Tables 40a and 40b show the percentage of schools that had a policy prohibiting the use of each type of product among specific groups.

Practices to Prevent Bullying and Sexual Harassment

Bullying and sexual harassment can result in adverse academic, psychological, and health effects. Bullying was defined on the Profiles questionnaire as when one or more students tease, threaten, spread rumors about, hit, shove, or hurt another student repeatedly,

and sexual harassment was defined as unwelcome conduct of a sexual nature, including unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, or physical conduct of a sexual nature. The Profiles questionnaire includes electronic aggression in its assessment of these behaviors. Electronic aggression, sometimes called cyber-bullying, is a type of bullying or sexual harassment that occurs when students use a cell phone, the Internet, or other electronic communication devices to send or post text, pictures, or videos intended to threaten, harass, humiliate, or intimidate other students. Table 41 and Figure 3 show the percentage of schools with four specific practices related to preventing bullying and sexual harassment.

Safe and Supportive School Environments for Sexual Minority and Transgender Students

Schools can implement multiple policies and practices that help create a safe and supportive environment for all students, including lesbian, gay, bisexual, transgender, and queer or questioning (LGBTQ) youth. The percentage of schools that engage in specific practices fostering safe and supportive environments for LGBTQ youth is shown in both Table 42 and Figure 4.

HEALTH SERVICES

A full-time nurse was defined on the questionnaire as one who is at the school during all school hours, 5 days per week, and a part-time nurse was defined as one who is at the school less than 5 days a week, less than all school hours, or both. The percentage of schools that had a full-time or part-time registered nurse who provided health services to students or had a school-based health center (e.g., a place on school campus where enrolled students can receive primary care, including diagnostic and treatment services with services usually provided by a nurse practitioner or physician's assistant) is listed in Table 43.

Chronic health conditions can affect students' physical, emotional, and social wellbeing, as well as academic factors.^{5,115,116} The percentage of schools that have a protocol that ensures students with a chronic condition are enrolled in private, state, or federally funded insurance programs if eligible is also shown in Table 43.

School records might include student emergency cards, medication records, health room visit information, emergency care and daily management plans, physical exam forms, or parent notes. Table 44 shows the percentage of schools that routinely use school records to identify and track students with a current diagnosis of seven specific chronic conditions.

Table 45 shows the percentage of schools that provided students with referrals to any organizations or health care professionals not on school property (including referrals to school-based health centers, even if they were located on school property) for students diagnosed with or suspected to have seven specific chronic conditions.

Schools can help prevent and manage HIV, other STDs, and pregnancy among students by offering sexual health care services. Table 46 and Figure 5 show the percentage of schools that provided specific sexual health care services for students. Table 47 shows the percentage of schools that provided students with referrals to any organizations or health care providers not on school property for specific sexual health care services.

Schools also can provide other health services that address actual and potential health problems among students. Table 48 and Figure 6 show the percentage of schools that provided other specific health services for students. Table 49 shows the percentage of schools that provided students with referrals to any organizations or health care providers not on school property for other health care services.

School practices related to parental consent and notification for the provision of or referral for sexual or reproductive health services, such as STD testing or pregnancy testing, can affect the extent to which students receive such services. Tables 50a and 50b show the percentage of schools that did not provide any of these services, the percentage of schools with specific parental consent and notification practices for the provision of these services, the percentage of schools that did not refer any sexual or reproductive health services, and the percentage of schools with specific parental consent and notification practices for the referral of these services.

Table 51 shows the percentage of schools in which staff received professional development for student health services during the past two years.

FAMILY ENGAGEMENT AND COMMUNITY INVOLVEMENT

Partnerships between schools, families, and community members, including service-learning and mentoring programs, can help build support for school health programs and reduce health-risk behaviors among youth. Table 52a shows the percentage of schools that implemented specific activities to communicate with parents and families. Table 52b shows the percentage of schools that implemented specific parent engagement strategies for all students. The percentage of schools that participated in service-learning or mentoring programs is shown in Table 53.

SCHOOL HEALTH COORDINATION

To ensure that the components of school health are coordinated, it is beneficial to have one person appointed to oversee the school health program.¹⁴ This person's responsibilities might include coordinating school health activities; leading a school health council, committee, or team; and integrating community-based programs with school-based programs.^{143,172} Table 54 shows the percentage of schools in which someone at the school oversees or coordinates school health and safety programs and activities.

Schools can use the *School Health Index*¹⁴⁸ or other self-assessment tools to assess their health and safety policies around each of the components of coordinated school health and plan for improvement. Table 54 also shows the percentage of schools that ever used the *School Health Index*¹⁴⁸ or other self-assessment tool to assess their school's policies, activities, and programs in specific areas.

Table 55 lists the percentage of schools with one or more than one group at the school that offers guidance on the development of policies or coordinates activities on health topics (e.g., a school health council, committee, or team). Among schools with such councils, the percentage that did specific activities during the year before the survey also is shown in Table 55.

The Elementary and Secondary Education Act requires certain schools to have a written SIP. Many states and school districts also require schools to have a written SIP. Schools that are required to have a SIP can incorporate health and safety objectives into their written plan for improvement. Among schools with a SIP, the percentage of schools that included health-related objectives in their SIP on specific topics is shown in Table 56.

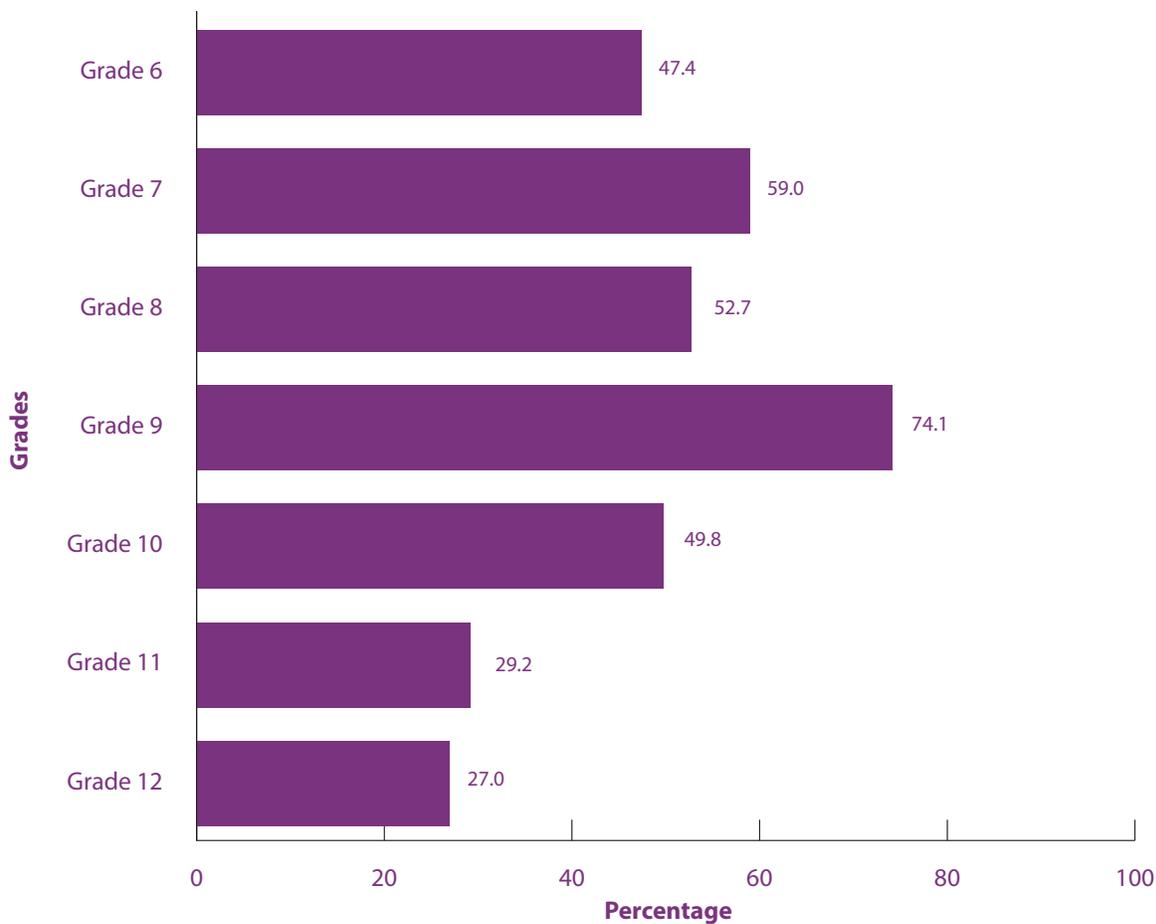
The HHFKA requires all local educational agencies that participate in the National School Lunch and School Breakfast Programs to meet expanded local school wellness policy requirements related to implementation, evaluation, and publicly reporting on progress of local school wellness policies.⁷⁷ Among schools in districts with wellness policies, the percentage of schools that conducted specific activities is shown in Table 57.

Before- and After-School Programs

The percentage of schools that took actions related to before- or after-school activities during the past year, including partnering with community-based organizations to provide students with before- or after-school programming and providing parents with information about before- or after-school programs available in the community, is shown in Table 58.

FIGURES

FIGURE 1. Nationwide Percentage of Secondary Schools That Taught a Required Health Education Course in Each Grade,* School Health Profiles, Lead Health Education Teacher Surveys, 2020



*Among schools with students in each grade.

FIGURE 2. Nationwide Percentage of Schools That Taught All 19 Tobacco-use Prevention Topics, All 9 Alcohol and Other Drug Use Prevention Topics, All 22 Sexual Health Topics, All 22 Nutrition and Dietary Behavior Topics, or All 13 Physical Activity Topics in a Required Course During the 2019-2020 School Year, School Health Profiles, Lead Health Education Teacher Surveys, 2020

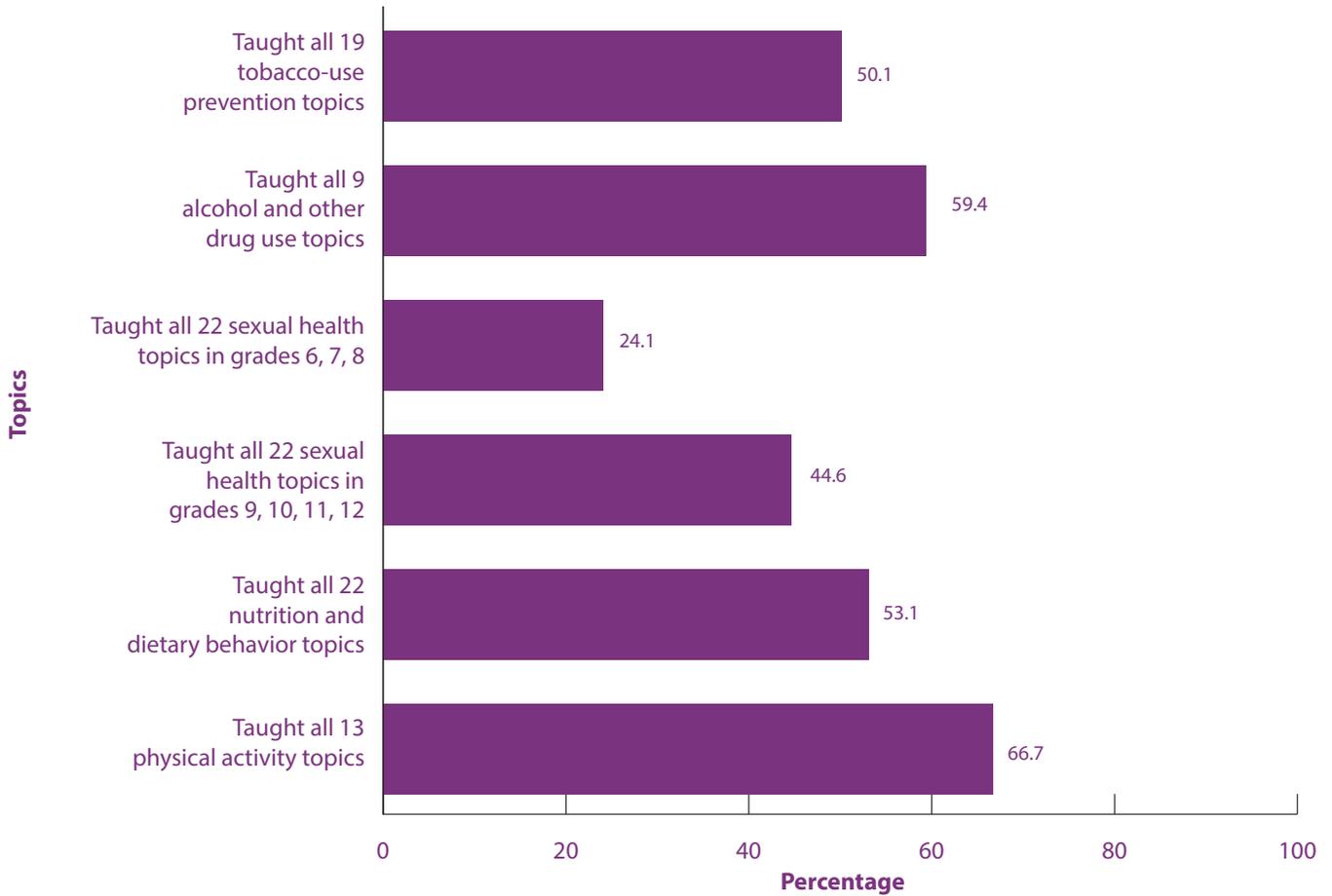


FIGURE 3. Nationwide Percentage of Secondary Schools with Practices in Place to Prevent Bullying and Sexual Harassment, School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

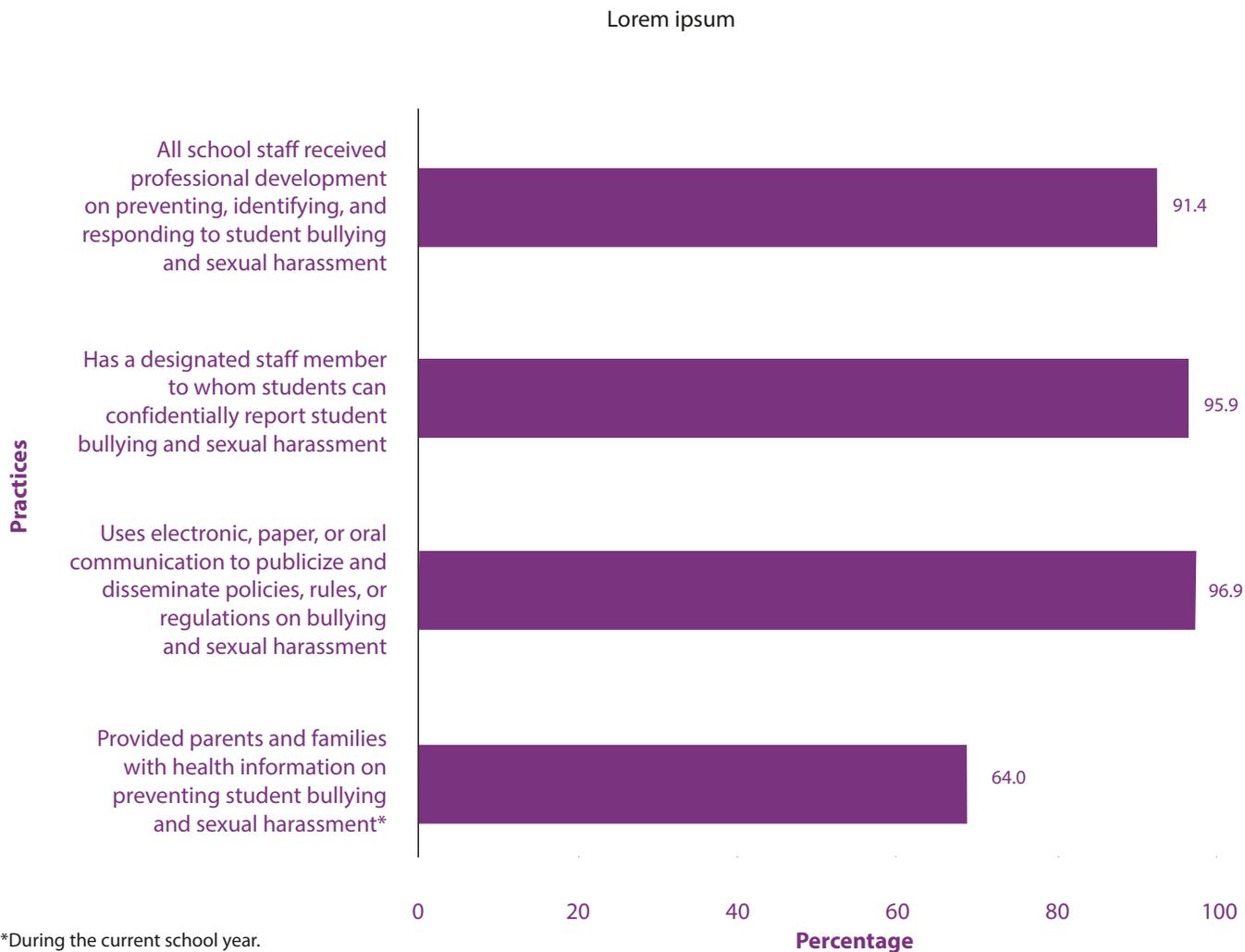
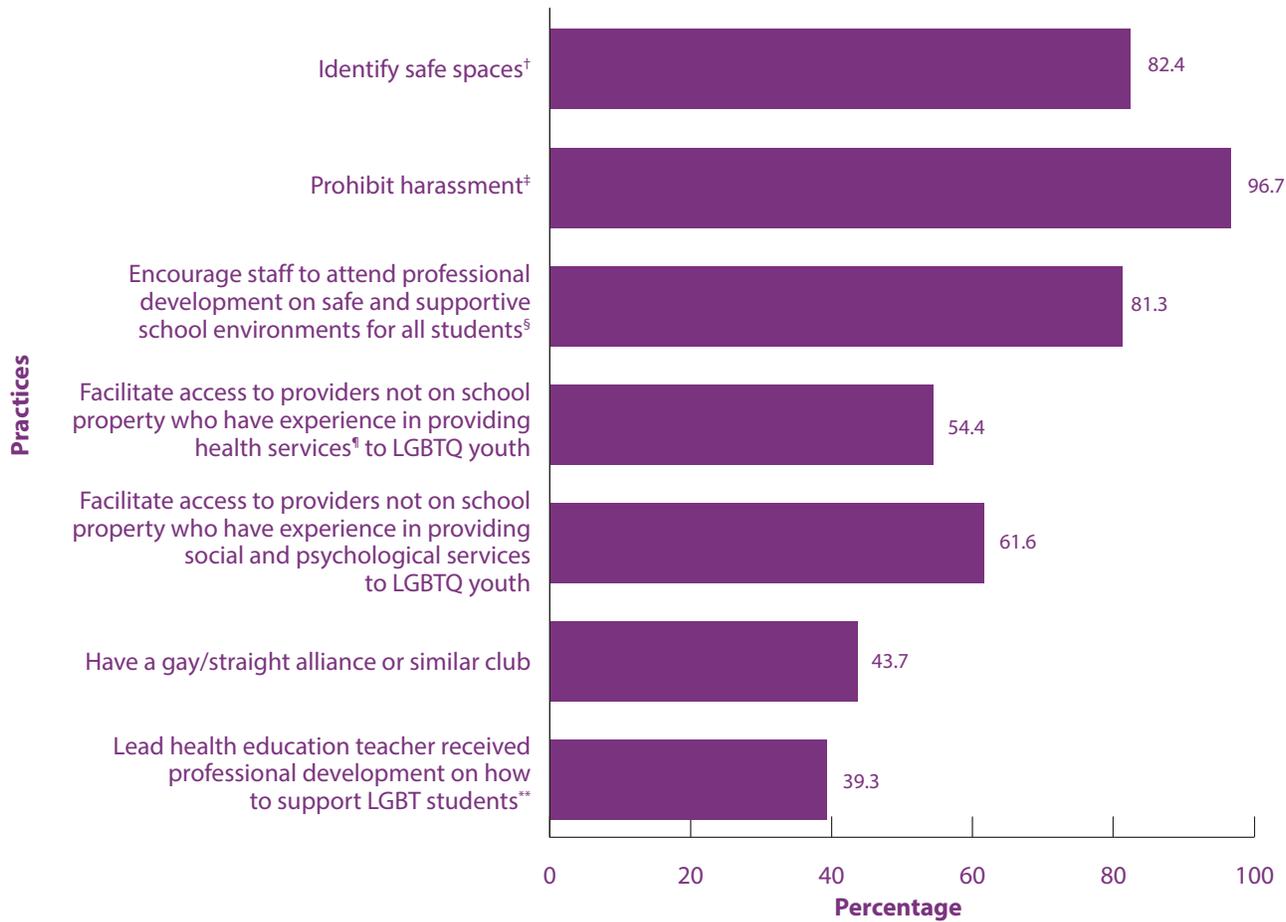


FIGURE 4. Nationwide Percentage of Secondary Schools That Engage in Specific Practices Related to LGBTQ Youth; the Percentage That Have a Gay/Straight Alliance or Similar Club,* and the Percentage in Which School Staff Received Professional Development to Support LGBT Students, School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020



* A student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity.

[†] Such as a counselor’s office, designated classroom, or student organization where LGBTQ youth can receive support from administration, teachers, or other school staff.

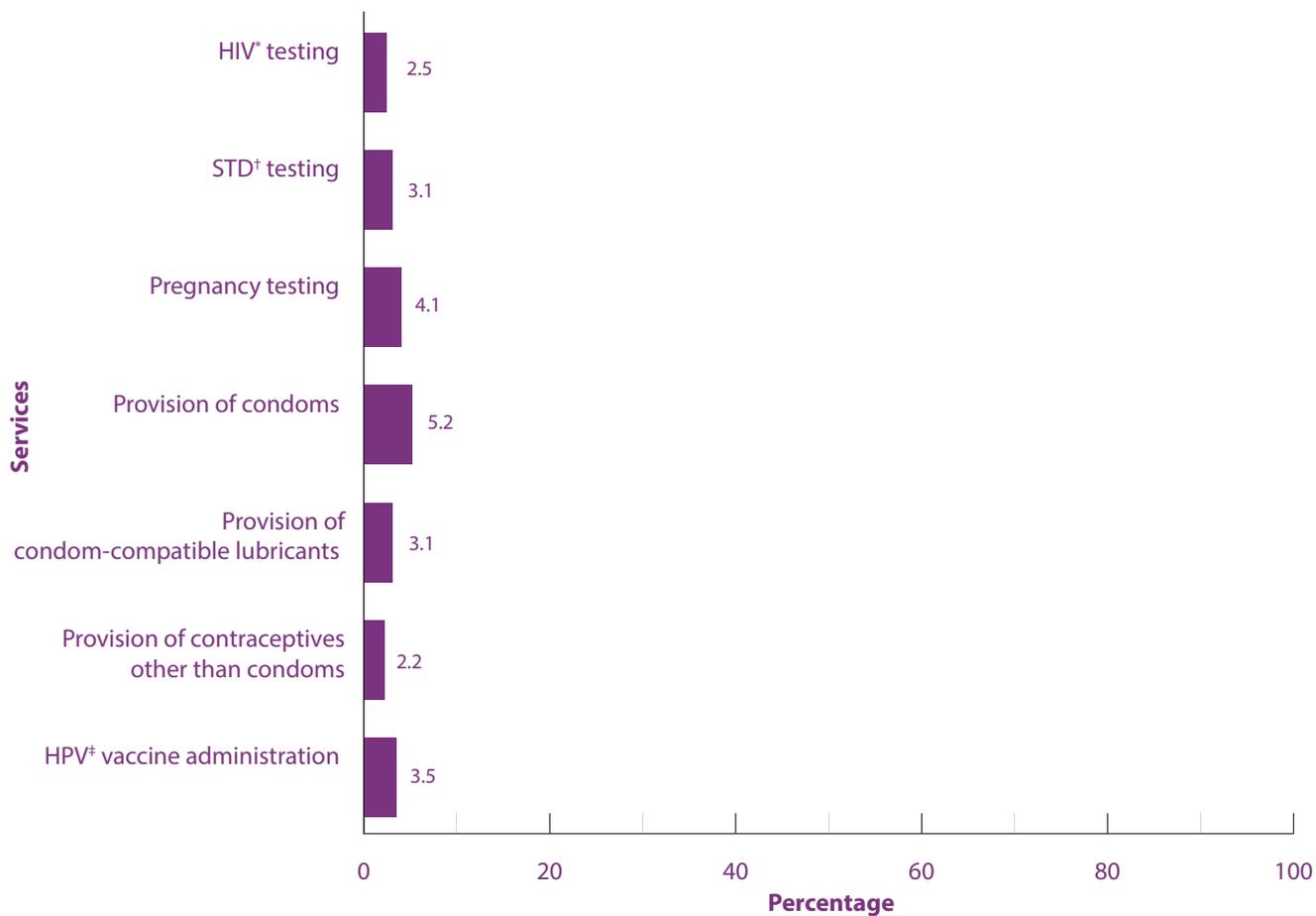
[‡] Based on a student’s perceived or actual sexual orientation or gender identity.

[§] Regardless of sexual orientation or gender identity.

[¶] Including HIV/STD testing and counseling.

^{**} During the two years before the survey.

FIGURE 5. Nationwide Percentage of Secondary Schools That Provided Specific Sexual Health Services to Students, School Health Profiles, Principal Surveys, 2020

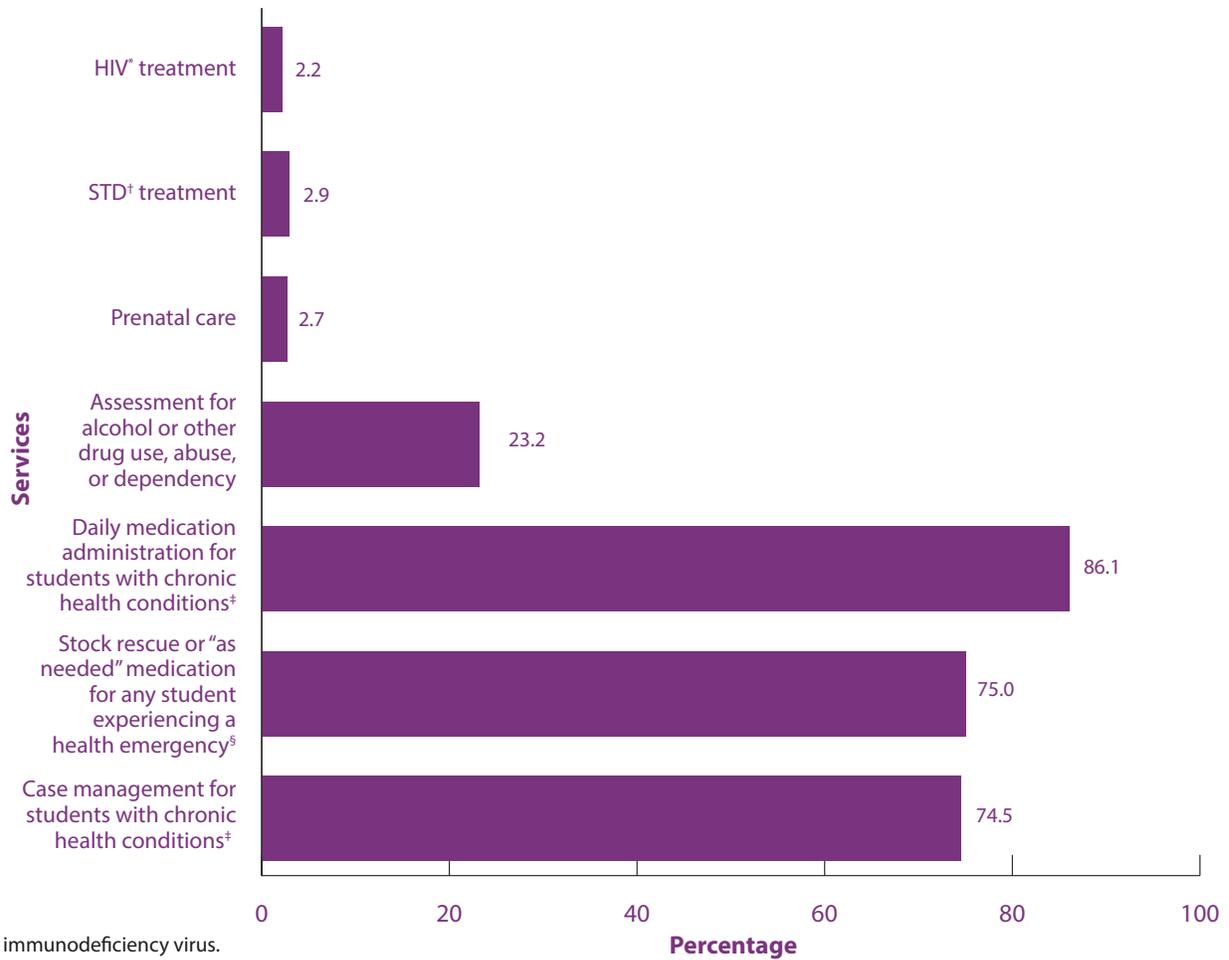


* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Human papillomavirus

FIGURE 6. Nationwide Percentage of Secondary Schools That Provided Specific Health Services to Students, School Health Profiles, Principal Surveys, 2020



* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Such as asthma or diabetes.

§ Such as an asthma episode or severe allergic reaction.

CHANGES OVER TIME

LONG-TERM CHANGES AMONG STATES

Significant **increases** were detected in **more than 50% of states between 2010 (or earlier) and 2020** in the following specific areas:

Health Education

- Percentage of schools in which students take two or more required health education courses
- Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to LGBTQ youth
- Percentage of schools in which teachers tried to increase student knowledge on suicide prevention in a required course in any of grades 6 through 12 during the current school year
- Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:
 - How to obtain condoms
 - How to correctly use a condom
- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Emotional and mental health
 - Suicide prevention
 - Teaching students with physical, medical, or cognitive disabilities
 - Teaching students of various cultural backgrounds
 - Teaching students with limited English proficiency

- Using interactive teaching methods (e.g., role plays, cooperative group activities)
 - Encouraging family or community involvement
 - Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)
 - Assessing or evaluating students in health education
- Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:
 - Emotional and mental health
 - Human sexuality
 - Percentage of schools in which school staff received professional development on classroom management techniques

Nutrition Environment and Services

- Percentage of schools that have done any of the following during the current school year:
 - Provided information to students or families on the nutrition and caloric content of foods available
 - Conducted taste tests to determine food preferences for nutritious items
- Percentage of schools that do not sell less healthy foods and beverages (soda pop or fruit drinks, sports drinks, baked goods, salty snacks, candy)

Healthy and Safe School Environment

- Percentage of schools that follow a policy that mandates a “tobacco-free environment”
- Percentage of schools that implement practices that meet the needs of LGBTQ youth
- Percentage of schools that have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity

- Percentage of schools that engage in the following LGBTQ youth-related practices:
 - Identify “safe spaces” (e.g., a counselor’s office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff
 - Prohibit harassment based on a student’s perceived or actual sexual orientation or gender identity
 - Encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity
 - Facilitate access to providers not on school property who have experience in providing health services, including HIV/STD testing and counseling, to LGBTQ youth
 - Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth

School Health Coordination

- Percentage of schools that ever used the School Health Index or other self-assessment tool to assess school policies, activities, and programs in the following areas:
 - Nutrition
 - Tobacco-use prevention
- Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year:
 - Physical education staff
 - Mental health or social services staff (e.g., psychologists, counselors, social workers)
 - Nutrition or food service staff

Significant **decreases** were detected in **more than 50% of states between 2010 (or earlier) and 2020** in the following specific areas:

Health Education

- Percentage of schools in which students take only one required health education course
- Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:
 - Foodborne illness prevention
 - Human immunodeficiency virus (HIV) prevention
 - Human sexuality
- Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:
 - Identifying tobacco products and the harmful substances they contain
 - Effects of second-hand smoke and benefits of a smoke-free environment
 - Using goal-setting and decision-making skills related to not using tobacco products
 - Identifying harmful effects of tobacco product use on fetal development
- Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:
 - How HIV and other STDs are transmitted
 - Health consequences of HIV, other STDs, and pregnancy
 - The benefits of being sexually abstinent
 - Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy

- Percentage of schools in which teachers taught choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat) in a required course for students in any of grades 6 through 12 during the current school year
- Percentage of schools in which teachers taught dangers of using performance-enhancing drugs (e.g., steroids) in a required course for students in any of grades 6 through 12 during the current school year
- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Alcohol- or other drug-use prevention
 - HIV prevention
 - STD prevention
- Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:
 - Asthma
 - Foodborne illness prevention
 - HIV prevention
 - Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)

Physical Education and Physical Activity

- Percentage of schools that taught required physical education in the 7th grade

Nutrition Environment and Services

- Percentage of schools in which students can purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar
- Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:
 - Chocolate candy
 - Other kinds of candy
 - Salty snacks that are not low in fat (e.g., regular potato chips)
 - Cookies, crackers, cakes, pastries, or other baked goods that are not low in fat
 - Ice cream or frozen yogurt that is not low in fat
 - 2% or whole milk (plain or flavored)
 - Water ices or frozen slushes that do not contain juice
 - Soda pop or fruit drinks that are not 100% juice
 - Sports drinks (e.g., Gatorade)
 - Foods or beverages containing caffeine
 - Fruits (not fruit juice)

For all other topics, significant long-term changes were not seen in more than 50% of states.

LONG-TERM CHANGES AMONG DISTRICTS

Significant **increases** were detected in **more than 50% of districts between 2010 (or earlier) and 2020** in the following specific areas:

Health Education

- Percentage of schools in which students take two or more required health education courses
- Percentage of schools that taught a required health education course in the following grades:
 - 8th grade
 - 9th grade
- Among schools that required a health education course, percentage that required students who fail the course to repeat it
- Percentage of schools in which those who teach health education are provided with the following materials:
 - A chart describing the annual scope and sequence of instruction for health education
 - Plans for how to assess student performance in health education
- Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to LGBTQ youth
- Percentage of schools in which teachers tried to increase student knowledge on suicide prevention the following topics in a required course in any of grades 6 through 12 during the current school year
- Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:
 - How to obtain condoms
 - How to correctly use a condom
- Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 9, 10, 11, or 12 during the current school year:
 - The benefits of being sexually abstinent
 - How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy
 - Efficacy of condoms, that is, how well condoms work and do not work
 - The importance of using condoms consistently and correctly
 - How to obtain condoms
 - How to correctly use a condom
- Percentage of schools in which health education staff worked with the following groups on health education activities during the current school year:
 - Mental health or social services staff (e.g., psychologists, counselors, social workers)
 - Nutrition or food service staff
 - School health council, committee, or team
- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Asthma
 - Emotional and mental health
 - Foodborne illness prevention
 - Human sexuality
 - Injury prevention and safety
 - Nutrition and dietary behavior
 - Physical activity and fitness
 - Pregnancy prevention
 - Suicide prevention
 - Violence prevention (e.g., bullying, fighting, dating violence prevention)

- Teaching students with physical, medical, or cognitive disabilities
 - Teaching students of various cultural backgrounds
 - Teaching students with limited English proficiency
 - Encouraging family or community involvement
 - Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)
 - Assessing or evaluating students in health education
- Percentage of schools in which the lead health education teacher had 1 year of experience in teaching health education courses or topics

Healthy and Safe School Environment

- Percentage of schools that follow a policy that mandates a “tobacco-free environment”
- Percentage of schools that implement practices that meet the needs of LGBTQ youth
- Percentage of schools that engage in the following LGBTQ youth-related practices:
 - Identify “safe spaces” (e.g., a counselor’s office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff
 - Prohibit harassment based on a student’s perceived or actual sexual orientation or gender identity
 - Encourage staff to attend professional development on safe and supportive school environments for all students, regardless of sexual orientation or gender identity

- Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth
- Percentage of schools that have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity

Physical Education and Physical Activity

- Percentage of schools that taught required physical education in the following grades:
 - 7th grade
 - 8th grade
 - 11th grade
 - 12th grade

Nutrition Environment and Services

- Percentage of schools that have priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages during the current school year
- Percentage of schools that do not sell less healthy foods and beverages (soda pop or fruit drinks, sports drinks, baked goods, salty snacks, candy)

School Health Coordination

- Percentage of schools that currently have someone who oversees or coordinates school health and safety programs and activities
- Percentage of schools that ever used the School Health Index or other self-assessment tool to assess school policies, activities, and programs in the following areas:
 - Nutrition
 - Tobacco-use prevention
- Percentage of schools with a School Improvement Plan that includes health-related objectives on health services

Significant **decreases** were detected in **more than 50% of districts between 2010 (or earlier) and 2020** in the following specific areas:

Health Education

- Percentage of schools in which the health education curriculum addresses the following skills:
 - Using decision-making skills to enhance health
 - Using goal-setting skills to enhance health
- Percentage of schools in which teachers tried to increase student knowledge on the following topics in a required course in any of grades 6 through 12 during the current school year:
 - Alcohol- or other drug-use prevention
 - HIV prevention
 - Human sexuality
 - Tobacco-use prevention
- Percentage of schools in which teachers taught the following tobacco-use prevention topics in a required course for students in any of grades 6 through 12 during the current school year:
 - Identifying tobacco products and the harmful substances they contain
 - Identifying short- and long-term health consequences of tobacco product use
 - Identifying social, economic, and cosmetic consequences of tobacco product use
 - Understanding the addictive nature of nicotine
 - Effects of tobacco product use on athletic performance
 - Effects of second-hand smoke and benefits of a smoke-free environment
 - Understanding the social influences on tobacco product use, including media, family, peers and culture
 - Identifying reasons why students do and do not use tobacco products
 - Making accurate assessments of how many peers use tobacco products
 - Using interpersonal communication skills to avoid tobacco product use (e.g., refusal skills, assertiveness)
 - Using goal-setting and decision-making skills related to not using tobacco products
 - Finding valid information and services related to tobacco prevention and cessation
 - Supporting others who abstain from or want to quit using tobacco products
 - Identifying harmful effects of tobacco product use on fetal development
- Percentage of schools in which teachers taught the following sexual health topics in a required course for students in any of grades 6, 7, or 8 during the current school year:
 - How HIV and other STDs are transmitted
 - Health consequences of HIV, other STDs, and pregnancy
 - The benefits of being sexually abstinent
 - Goal-setting and decision-making skills related to eliminating or reducing risk for HIV, other STDs, and pregnancy
- Percentage of schools in which teachers taught the following nutrition and dietary behavior topics in a required course for students in any of grades 6 through 12 during the current school year:
 - Choosing foods and snacks that are low in solid fat (i.e., saturated and trans fat)
 - Risks of unhealthy weight control practices
 - Signs, symptoms, and treatment for eating disorders
- Percentage of schools in which teachers taught preventing injury during physical activity in a required course for students in any of grades 6 through 12 during the current school year

- Percentage of schools in which health education staff worked with health services staff (e.g., nurses) on health education activities during the current school year
- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Alcohol- or other drug-use prevention
 - HIV prevention
- Percentage of schools in which the lead health education teacher would like to receive professional development on the following topics:
 - Alcohol- or other drug-use prevention
 - Asthma
 - Foodborne illness prevention
 - HIV prevention
 - Human sexuality
 - Nutrition and dietary behavior
 - Pregnancy prevention
 - STD prevention
 - Suicide prevention
 - Violence prevention (e.g., bullying, fighting, dating violence prevention)
 - Teaching skills for behavior change
 - Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)
 - Assessing or evaluating students in health education
- Percentage of schools in which the major emphasis of the lead health education teacher's professional preparation was on health education or health and physical education combined

Healthy and Safe School Environment

- Percentage of schools that have adopted a policy prohibiting tobacco use
- Percentage of schools in which students can purchase snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar
- Percentage of schools in which students can purchase the following snack foods or beverages from one or more vending machines at the school or at a school store, canteen, or snack bar:
 - Chocolate candy
 - Other kinds of candy
 - Salty snacks that are not low in fat (e.g., regular potato chips)
 - Cookies, crackers, cakes, pastries, or other baked goods that are not low in fat
 - Ice cream or frozen yogurt that is not low in fat
 - 2% or whole milk (plain or flavored)
 - Water ices or frozen slushes that do not contain juice
 - Soda pop or fruit drinks that are not 100% juice
 - Sports drinks (e.g., Gatorade)
 - Foods or beverages containing caffeine
 - Fruits (not fruit juice)
 - Non-fried vegetables (not vegetable juice)

For all other topics, significant long-term changes were not seen in more than 50% of districts.

SHORT-TERM CHANGES AMONG STATES

Significant **increases** were detected in **more than 50% of states between 2018 and 2020** in the following specific areas:

Health Education

- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Emotional and mental health
 - Tobacco use prevention

School Health Coordination

- Percentage of schools with a School Improvement Plan that includes health-related objectives on social and emotional climate
- Percentage of schools that provided parents and families with health information on tobacco use prevention designed to increase parent and family knowledge of the following topics during the current school year

For all other topics, significant changes were not seen in more than 50% of states between 2018 and 2020.

SHORT-TERM CHANGES AMONG DISTRICTS

Significant **increases** were detected in **more than 50% of districts between 2018 and 2020** in the following specific areas:

Health Education

- Percentage of schools in which those who teach health education are provided with the following materials:
 - Goals, objectives, and expected outcomes for health education
 - Plans for how to assess student performance in health education
- Percentage of schools in which the health education curriculum addresses the following skills:
 - Comprehending concepts related to health promotion and disease prevention to enhance health
 - Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors
 - Accessing valid information and products and services to enhance health
 - Using interpersonal communication skills to enhance health and avoid or reduce health risks
 - Using decision-making skills to enhance health
- Percentage of schools that provide curricula or supplementary materials that include HIV, STD, or pregnancy prevention information that is relevant to LGBTQ youth
- Percentage of schools in which teachers tried to increase student knowledge on emotional and mental health in a required course in any of grades 6 through 12 during the current school year
- Percentage of schools that provided parents and families with health information designed to increase

parent and family knowledge of diabetes during the current school year

- Percentage of schools in which the lead health education teacher received professional development on the following topics during the two years before the survey:
 - Emotional and mental health
 - Teaching students with physical, medical, or cognitive disabilities
 - Teaching students of various cultural backgrounds
 - Using interactive teaching methods (e.g., role plays, cooperative group activities)
 - Classroom management techniques (e.g., social skills training, environmental modification, conflict resolution and mediation, behavior management)
- Percentage of schools in which the lead health education teacher received professional development on creating a comfortable and safe learning environment for students receiving sexual health education
- Percentage of schools that assess the ability of students to do 7 skills in a required course taught during grades 6, 7, or 8 and during grades 9, 10, 11, or 12

Physical Education and Physical Activity

- Percentage of schools that offer opportunities for students to participate in physical activity through organized physical activities or access to facilities or equipment for physical activity before the school day

Nutrition Environment and Services

- Percentage of schools in which students can purchase chocolate candy from one or more vending machines at the school or at a school store, canteen, or snack bar

- Percentage of schools that prohibit advertisements for candy, fast food restaurants, or soft drinks on school grounds including on the outside of the school building, on playing fields, or other areas of the campus

Healthy and Safe School Environment

- Percentage of schools that have a student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity
- Percentage of schools that engage in the following LGBTQ youth-related practices:
 - Identify “safe spaces” (e.g., a counselor’s office, designated classroom, or student organization) where LGBTQ youth can receive support from administrators, teachers, or other school staff
 - Prohibit harassment based on a student’s perceived or actual sexual orientation or gender identity

School Health Coordination

- Percentage of schools with a School Improvement Plan that includes health-related objectives on employee wellness

Significant decreases were detected in **more than 50% of districts between 2018 and 2020** in the following specific areas:

Family Engagement and Community Involvement

- Percentage of schools that have done any of the following activities during the current school year:
 - Provided parents with information about how to monitor their teen
 - Linked parents and families to health services and programs in the community

For all other topics, significant changes were not seen in more than 50% of districts between 2018 and 2020.

REFERENCES

1. U.S. Census Bureau. *School Enrollment in the United States: October 2019 - Detailed Tables*. 2020. Available at <https://www.census.gov/data/tables/2019/demo/school-enrollment/2019-cps.html>.
2. ASCD & Centers for Disease Control and Prevention. *Whole School, Whole Community, Whole Child: A Collaborative Approach to Learning and Health*. Alexandria, VA: ASCD; 2014:1-13. Available at: <https://files.ascd.org/staticfiles/ascd/pdf/siteASCD/publications/wholechild/wsc-a-collaborative-approach.pdf>.
3. Basch CE. Healthier students are better learners: A missing link in school reforms to close the achievement gap. *Journal of School Health* 2011;81:593-598.
4. Rasberry CN, Tiu GF, Kann L, et al. Health-related behaviors and academic achievement among high school students—United States, 2015. *Morbidity and Mortality Weekly Report* 2017;66(35):921.
5. Michael SL, Merlo CL, Basch CE, Wentzel KR, Wechsler H. Critical connections: Health and academics. *Journal of School Health* 2015; 85:740-758.
6. Lewallen TC, Hunt H, Potts-Datema W, Zaza S, Giles W. The whole school, whole community, whole child model: A new approach for improving educational attainment and healthy development for students. *Journal of School Health* 2015;85:729-739.
7. Birch DA, Auld E. Public health and school health education: aligning forces for change. *Health Promotion Practice* 2019;20:818-823.
8. Murray NG, Low BJ, Hollis C, Cross AW, Davis SM. Coordinated school health programs and academic achievement: A systematic review of the literature. *Journal of School Health* 2007;77:589-600.
9. Centers for Disease Control and Prevention. *Characteristics of Effective School Health Education Curricula*. Atlanta, GA: Centers for Disease Control and Prevention; 2008. Available at: <https://www.cdc.gov/healthyschools/sher/characteristics/index.htm>.
10. Auld EM, Allen MP, Hampton C, et al. Health Literacy and Health Education in Schools: Collaboration for Action. NAM Perspectives. Discussion Paper. 2020. National Academy of Medicine: Washington, DC. Available at: <https://doi.org/10.31478/202007b>.
11. Centers for Disease Control and Prevention. *Health Education Curriculum Analysis Tool 2021*. Atlanta, GA. 2021. Available at: <https://www.cdc.gov/healthyyouth/hecat/pdf/2021/full-hecat-2021.pdf>
12. Joint Committee on National Health Education Standards. *National Health Education Standards: Achieving Excellence*. Atlanta, GA: American Cancer Society; 2007.
13. Allensworth D, Kolbe L. The comprehensive school health program: Exploring an expanded concept. *Journal of School Health* 1987;57:409-412.
14. Institute of Medicine. *Schools and Health: Our Nation's Investment*. Washington, DC: National Academy Press; 1997.
15. Lohrmann D, Wooley S. Comprehensive school health education. In: Marx E, Wooley S, eds., with Northrop D. *Health is Academic: A Guide to Coordinated School Health Programs*. Teachers College Press: New York, NY; 1998:43-66.

16. U.S. Department of Health and Human Services. *Healthy People 2030*. Washington, DC: U.S. Department of Health and Human Services; 2021. Available at: <https://health.gov/healthypeople>
17. Marzano RJ. *What Works in Schools: Translating Research into Action*. Alexandria, VA: ASCD; 2003.
18. Darling-Hammond L, Hyler ME, Gardner M. *Effective Teacher Professional Development*. Learning Policy Institute. Palo Alto, CA; 2017. Available at: https://learningpolicyinstitute.org/sites/default/files/product-files/Effective_Teacher_Professional_Development_REPORT.pdf
19. Birch DA, Goekler S, Auld ME, Lohrmann DK, Lyde A. Quality assurance in teaching K–12 health education: Paving a new path forward. *Health Promotion Practice* 2019;20:845-57.
20. Smith BJ, Potts-Datema W, Nolte AE. Challenges in teacher for school health education and promotion. *Promotion & Education* 2005;12:162-164.
21. Murray CC, Sheremenko G, Rose ID, et al. The influence of health education teacher characteristics on students' health-related knowledge gains. *Journal of School Health* 2019;89:560-568.
22. Cardina C. Professional development activities and support among secondary health teachers. *Pedagogy in Health Promotion* 2018;4:190-199.
23. Herbert PC, Lohrmann DK. It's all in the delivery! An analysis of instructional strategies from effective health education curricula. *Journal of School Health* 2011;81;258-264.
24. Clayton HB, Brener ND, Barrios LC, Jayne PE, Everett Jones S. Professional development on sexual health education is associated with coverage of sexual health topics. *Pedagogy in Health Promotion* 2018;4:115-124.
25. Ross J, Luepker R, Nelson G, Saavedra P, Hubbard B. Teenage health teaching modules: Impact of teacher training on implementation and student outcomes. *Journal of School Health* 1991;1:31-34.
26. Jones SE, Brener ND, McManus T. The relationship between staff development and health instruction in schools in the United States. *American Journal of Health Education* 2004;35: 2-10.
27. Gray DL, Anderman EM, O'Connell AA. Associations of teacher credibility and teacher affinity with learning outcomes in health classroom. *Social Psychology of Education* 2011;14(2):185-208.
28. U.S. Department of Health and Human Services. 2021. HIV National Strategic Plan for the United States: A Roadmap to End the Epidemic 2021–2025. Washington, DC.
29. Kirby D, Coyle K, Alton F, Rolleri L, Robin L. *Reducing Adolescent Sexual Risk: A Theoretical Guide for Developing and Adapting Curriculum-Based Programs*. Scotts Valley, CA: ETR Associates; 2011.
30. Centers for Disease Control and Prevention, 2016. *Developing a Scope and Sequence for Sexual Health Education*. Atlanta, GA: Centers for Disease Control and Prevention; 2016. Available at: https://www.cdc.gov/healthyyouth/hecat/pdf/scope_and_sequence.pdf.

31. Kirby D. *Emerging Answers 2007: Research Findings on Programs to Reduce Teen Pregnancy and Sexually Transmitted Diseases*. Washington, DC: National Campaign to Prevent Teen Pregnancy; 2007.
32. Kirby DB. The impact of abstinence and comprehensive sex and STD/HIV education programs on adolescent sexual behavior. *Sexuality Research & Social Policy* 2008;5:18-27.
33. Chin HB, Sipe TA, Elder R, et al; Community Preventive Services Task Force. The effectiveness of group-based comprehensive risk-reduction and abstinence education interventions to prevent or reduce the risk of adolescent pregnancy, human immunodeficiency virus, and *Sexually Transmitted Infections*: Two systematic reviews for the guide to community preventive services. *American Journal of Preventive Medicine* 2012;42(3):272-294.
34. Mavedzenge SN, Luecke E, Ross DA. Effective approaches for programming to reduce adolescent vulnerability to HIV infection, HIV risk, and HIV-related morbidity and mortality: A systematic review of systematic reviews. *Journal of Acquired Immune Deficiency Syndrome* 2014;66:S154-S169.
35. US Department of Health and Human Services. *Welcome to the Teen Pregnancy Prevention Evidence Review*. Washington, DC: US Department of Health and Human Services; 2018. Available at: <https://tppevidencereview.youth.gov/>.
36. Denford S, Abraham C, Campbell R, Busse H. A comprehensive review of reviews of school-based interventions to improve sexual-health. *Health Psychology Review* 2017;2:33-52.
37. Goldfarb ES, Lieberman LD. Three decades of research: The case for comprehensive sex education. *Journal of Adolescent Health* 2021;68:13-27.
38. Sales J, Milhausen R, DiClemente RJ. A decade in review: Building on the experiences of past adolescent STI/HIV interventions to optimize future prevention efforts. *Sexually Transmitted Infections* 2006;82(6):431-436.
39. Pampati S, Johns MM, Szucs LE, et al. Sexual and gender minority youth and sexual health education: A systematic mapping review of the literature. *Journal of Adolescent Health* 2021;68(6):1040-1052.
40. Barr EM, Moore MJ, Johnson T, Forrest J, Jordan M. New evidence: Data documenting parental support for earlier sexuality education. *Journal of School Health* 2014;84:10-17.
41. Eisenberg ME, Bernat DH, Bearinger LH, Resnick MD. Support for comprehensive sexuality education: Perspectives from parents of school-age youth. *Journal of Adolescent Health* 2008;42:352-359.
42. Szucs LE, Harper CR, Andrzejewski J, Barrios LC, Robin L, Hunt P. Overwhelming support for sexual health education in U.S. schools: a meta-analysis of 23 surveys conducted between 2000 and 2016. *Journal of Adolescent Health* 2022;70(4):598-606. Available at: <https://doi.org/10.1016/j.jadohealth.2021.05.016>.
43. Kantor L, Levitz N. Parents' views on sex education in schools: How much do Democrats and Republicans agree? *PloS One* 2017; 12(7), p.e0180250.

44. Lindberg LD, Kantor LM. Adolescents' receipt of sex education in a nationally representative sample, 2011–2019. *Journal of Adolescent Health* 2021;70(2):290-297. Available at: <https://doi.org/10.1016/j.jadohealth.2021.08.027>.
45. Future of Sex Education Initiative. National Sex Education Standards: Core Content and Skills, K-12 (Second Edition). 2020. Washington, DC. Available at: <https://www.advocatesforyouth.org/wp-content/uploads/2021/08/NSES-2020-web-updated.pdf>.
46. Kantor LM, Lindberg L. Pleasure and sex education: The need for broadening both content and measurement. *American Journal of Public Health* 2020;110:145-148.
47. Schalet AT, Santelli JS, Russell ST, Halpern CT, Miller S, Pickering SS. Invited commentary: Broadening the evidence for adolescent sexual and reproductive health and education in the United States. *Journal of Youth and Adolescence* 2014;43:1595-1610
48. Schalet AT. Beyond abstinence and risk: A new paradigm for adolescent sexual health. *Women's Health Issues* 2011;21:S5-S7
49. World Health Organization. Skills for health skills-based health education including life skills: An important component of a child-friendly/health-promoting school. Information Series on School Health, Position Document 9; 2013. Available at: <https://apps.who.int/iris/handle/10665/42818>.
50. Szucs LE, Rasberry CN, Jayne PE, et al. School district-provided supports to enhance sexual health education among middle and high school health education teachers. *Teaching and Teacher Education* 2020;1:103045.
51. Rose ID, Boyce L, Murray CC, et al. Key factors influencing comfort in delivering and receiving sexual health education: Middle school student and teacher perspectives. *American Journal of Sexuality Education* 2019;14:466-489.
52. US Department of Health and Human Services. *Physical Activity Guidelines for Americans*, 2nd edition. Washington, DC: US Department of Health and Human Services; 2018.
53. Centers for Disease Control and Prevention. School health guidelines to promote healthy eating and physical activity. *Morbidity and Mortality Weekly Report* 2011;60(RR-5):1-76.
54. Institute of Medicine. *Educating the Student Body: Taking Physical Activity and Physical Education to School*. Kohl III HW, Cook HD, eds.; Committee on Physical Activity and Physical Education in the School Environment; Food and Nutrition Board; Institute of Medicine. Washington DC: The National Academies Press, 2013. Available at: http://www.nap.edu/catalog.php?record_id=18314.
55. Centers for Disease Control and Prevention. *Comprehensive School Physical Activity Programs: A Guide for Schools*. Atlanta, GA: U.S. Department of Health and Human Services; 2013.
56. Centers for Disease Control and Prevention. School Physical Education and Physical Activity Policies Can Support the Social and Emotional Climate and Learning. Atlanta, GA: Centers for Disease Control and Prevention; 2021. Available at: https://www.cdc.gov/healthyschools/323219-A_FS_SchoolPE_PA-032621-FINAL_1.pdf.

57. Bianco M, Cornett K. Reengaging students through physical activity. *National Association of State Boards of Education Policy Update* 2021;28(5). Available at: https://nasbe.nyc3.digitaloceanspaces.com/2021/10/Blanco-Cornett_Physical-Activity-Final.pdf
58. SHAPE America. *National Standards & Grade-Level Outcomes for K-12 Physical Education*. Champaign, IL: Human Kinetics, 2014.
59. Michael SL, Wright C, Woods AM, et al. Rationale for the Essential Components of Physical Education. *Research Quarterly for Exercise and Sport* 2021;92(2):202-208. Available at: <https://www.tandfonline.com/doi/full/10.1080/02701367.2020.1854427>.
60. Bryant L, Burson SL, Fisher J, et al. Evidence Supporting the Essential Components of Physical Education as a Measure of Quality. *Research Quarterly for Exercise and Sport* 2021;92(2):259-269. Available at: <https://doi.org/10.1080/02701367.2021.1883505>.
61. Centers for Disease Control and Prevention. *Strategies for Classroom Physical Activity in Schools*. Atlanta, GA: Centers for Disease Control and Prevention, US Department of Health and Human Services; 2018.
62. Centers for Disease Control and Prevention and SHAPE America. *Strategies for Recess in Schools*. Atlanta, GA: Centers for Disease Control and Prevention, US Department of Health and Human Services; 2017.
63. Physical Activity Guidelines for Americans Midcourse Report Subcommittee of the President's Council on Fitness, Sports & Nutrition. *Physical Activity Guidelines for Americans Midcourse Report: Strategies to Increase Physical Activity Among Youth*. Washington, DC: U.S. Department of Health and Human Services; 2012. Available at: <https://www.health.gov/paguidelines/midcourse/pag-mid-course-report-final.pdf>.
64. Institute of Medicine. *Nutrition Standards for Foods in Schools: Leading the Way Toward Healthier Youth*. Washington, DC: Institute of Medicine of the National Academies; 2007. Available at: <https://www.nap.edu/catalog/11899/nutrition-standards-for-foods-in-schools-leading-the-way-toward>.
65. U.S. Department of Agriculture, Food and Nutrition Service, Office of Policy Support, *School Nutrition and Meal Cost Study, Final Report Volume 1: School Meal Program Operations and School Nutrition Environments*. Alexandria, VA: April 2019.
66. Fox MK, Gordon A, Nogales R, Wilson A. Availability and consumption of competitive foods in US public schools. *Journal of the American Dietetic Association* 2009;109(Suppl 2):S57-S66.
67. Centers for Disease Control and Prevention. *Results from the School Health Policies and Practices Study* 2014. Atlanta, GA: Centers for Disease Control and Prevention; 2015.
68. Briefel RR, Crepinsek MK, Cabili C, Wilson A, Gleason PM. School food environments and practices affect dietetic behaviors of US public school children. *Journal of the American Dietetic Association* 2009;109(Suppl 1):S91-S107.

69. Welker E, Lott M, Story M. The school food environment and obesity prevention: progress over the last decade. *Current Obesity Reports* 2016;5:145-155.
70. Fox MK, Dodd AH, Wilson A, Gleason PM. Association between school food environment and practices and body mass index of US public school children. *Journal of the American Dietetic Association* 2009;109(Suppl 2):S108–S117.
71. Chriqui JF, Pickel M, Story M. Influence of school competitive food and beverage policies on obesity, consumption, and availability: A systematic review. *JAMA Pediatrics* 2014;168(3):279-86.
72. Story M. The Third School Nutrition Dietary Assessment Study: Findings and policy implications for improving the health of US children. *Journal of the American Dietetic Association* 2009;109(2 Suppl):S7-S13.
73. The Community Preventive Services Task Force. *Nutrition: Gardening Interventions to Increase Vegetable Consumption Among Children*. Atlanta, GA: Centers for Disease Control and Prevention, US Dept of Health and Human Services; 2017.
74. Child Nutrition Programs. Flexibilities for milk, whole grains, and sodium requirements: Final Rule. *Federal Register* 2018;83(238):63775-63794. Available at: <https://www.govinfo.gov/content/pkg/FR-2018-12-12/pdf/2018-26762.pdf>.
75. Nutrition standards in the National School Lunch and School Breakfast Program: Final Rule. *Federal Register* 2012;77(17):4088-4167. Available at: <https://www.gpo.gov/fdsys/pkg/FR-2012-01-26/pdf/2012-1010.pdf>.
76. National School Lunch Program and School Breakfast Program: Nutrition standards for all foods sold in school as required by the Healthy, Hunger-Free Kids Act of 2010; Final Rule. *Federal Register* 2013;78(125):39068-39919. Available at: <https://www.gpo.gov/fdsys/pkg/FR-2013-06-28/pdf/2013-15249.pdf>.
77. Local school wellness policy implementation under the Healthy, Hunger-Free Kids Act of 2010. Final Rule. *Federal Register* 2016;81(146):50151-50170. Available at: <https://www.gpo.gov/fdsys/pkg/FR-2016-07-29/pdf/2016-17230.pdf>.
78. Centers for Disease Control and Prevention. *School Connectedness: Strategies for Increasing Protective Factors Among Youth*. Atlanta, GA: U.S. Department of Health and Human Services; 2009.
79. US Department of Health and Human Services. *E-cigarette use among youth and young adults*. Atlanta, GA: US Department of Health and Human Services, CDC; 2016. Available at: https://e-cigarettes.surgeongeneral.gov/documents/2016_sgr_full_report_non-508.pdf.
80. US Department of Health and Human Services. *Surgeon General's advisory on e-cigarette use among youth*. Washington, DC: US Department of Health and Human Services, Office of the Surgeon General; 2018. Available at: <https://e-cigarettes.surgeongeneral.gov/documents/surgeon-generals-advisory-on-e-cigarette-use-among-youth-2018.pdf>.
81. Gentzke AS, Creamer M, Cullen KA, et al. Vital Signs: Tobacco product use among middle and high school students – United States, 2011–2018. *Morbidity and Mortality Weekly Report* 2019;68(6):157-164. Available at: <https://www.cdc.gov/mmwr/volumes/68/wr/mm6806e1.htm>.

82. U.S. Department of Health and Human Services. *Preventing Tobacco Use Among Youth and Young Adults: A Report of the Surgeon General*. Rockville, MD: U.S. Department of Health and Human Services, Public Health Service, Office of the Surgeon General; 2012. Available at: <https://pubmed.ncbi.nlm.nih.gov/22876391/>.
83. U.S. Department of Health and Human Services. *E-Cigarette Use Among Youth and Young Adults. A Report of the Surgeon General*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health, 2016. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK538680/>.
84. Centers for Disease Control and Prevention. Guidelines for school health programs to prevent tobacco use and addiction. *Morbidity and Mortality Weekly Report* 1994;43(RR-2):1-18.
85. Dai H. Youth observation of e-cigarette use in or around school, 2019. *American Journal of Preventive Medicine* 2021;60(2):241-249. Available at: <https://doi.org/10.1016/j.amepre.2020.07.022>.
86. Jackson A, Kong G, Wu R, et al. E-cigarette devices used on school grounds. *Addictive Behaviors* 2020;110:106516. Available at: <https://doi.org/10.1016/j.addbeh.2020.106516>.
87. Centers for Disease Control and Prevention. *Best Practices for Comprehensive Tobacco Control Programs—2014*. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Office on Smoking and Health; 2014. Available at: http://www.cdc.gov/tobacco/stateandcommunity/best_practices/pdfs/2014/comprehensive.pdf.
88. Centers for Disease Control and Prevention. *Evidence Brief: Tobacco Industry Sponsored Youth Prevention Programs in Schools*. Available at: https://www.cdc.gov/tobacco/basic_information/youth/evidence-brief/index.htm.
89. Jones CM, Clayton HB, Deputy NP, et al. Prescription opioid misuse and use of alcohol and other substances among high school students - Youth Risk Behavior Survey, United States, 2019. *Morbidity and Mortality Weekly Report Supplement* 2020;69(1):38-46. Available at: <https://doi.org/10.15585/mmwr.su6901a5>.
90. Substance Abuse and Mental Health Services Administration. *Key substance use and mental health indicators in the United States: Results from the 2020 National Survey on Drug Use and Health* (HHS Publication No. PEP20-07-01-001, NSDUH Series H-55). Rockville, MD: Center for Behavioral Health Statistics and Quality, Substance Abuse and Mental Health Services Administration; 2020. Available at: <https://www.samhsa.gov/data/>.
91. Probst C, Elton-Marshall T, Imtiaz S, et al. A supportive school environment may reduce the risk of non-medical prescription opioid use due to impaired mental health among students. *European Child & Adolescent Psychiatry* 2021;30(2):293-301. Available at: <https://doi.org/10.1007/s00787-020-01518-3>.
92. Espelage DL, Davis JP, Basile KC, Rostad WL, Leemis RW. Alcohol, prescription drug misuse, sexual violence, and dating violence among high school youth. *Journal of Adolescent Health* 2018;63(5):601-607. Available at: <https://doi.org/10.1016/j.jadohealth.2018.05.024>.
93. DeWit DJ, Adlaf EM, Offord DR, Ogborne AC. Age at first alcohol use: A risk factor for the development of alcohol disorders. *American Journal of Psychiatry* 2000;157(5):745-750.

94. Moss HB, Chen CM, Yi H-Y. Early adolescent patterns of alcohol, cigarettes, and marijuana polysubstance use and young adult substance use outcomes in a nationally representative sample. *Drug and Alcohol Dependence* 2014;136:51-62.
95. U.S. Department of Health and Human Services (HHS), Office of the Surgeon General, Facing Addiction in America: The Surgeon General's Report on Alcohol, Drugs, and Health. Washington, DC: HHS, November 2016.
96. Griffin KW, Botvin GJ. Evidence-based interventions for preventing substance use disorders in adolescents. *Child and Adolescent Psychiatric Clinics of North America* 2010;19(3):505-526. Available at: <https://doi.org/10.1016/j.chc.2010.03.005>.
97. Hill C, Kearl H. *Crossing the Line: Sexual Harassment at School*. Washington, DC: American Association of University Women Educational Foundation; 2011. Available at: <https://www.aauw.org/app/uploads/2020/03/Crossing-the-Line-Sexual-Harassment-at-School.pdf>.
98. Vreeman RC, Carroll AE. A systematic review of school-based interventions to prevent bullying. *Archives of Pediatrics & Adolescent Medicine* 2007;161(1):78-88.
99. Smokowski P, Kopasz, KH. Bullying in school: An overview of types, effects, family characteristics, and intervention strategies. *Children & Schools* 2005;27(2):101-110.
100. Ttofi MM, Farrington DP. School-based programs to reduce bullying and victimization. Systematic review for the Campbell Collaboration Crime and Justice Group; 2010. Available at: www.ncjrs.gov/pdffiles1/nij/grants/229377.pdf.
101. Office for Civil Rights, U.S. Department of Education. Sex-Based Harassment. Available at: <https://www2.ed.gov/about/offices/list/ocr/frontpage/pro-students/issues/sex-issue01.html>.
102. Centers for Disease Control and Prevention. Preventing Bullying. Atlanta, GA: U.S. Department of Health and Human Services; 2021. Available at: https://www.cdc.gov/violenceprevention/pdf/yv/Bullying-factsheet_508_1.pdf.
103. Office for Civil Rights, U.S. Department of Education. Sexual Harassment: It's Not Academic; 2008. Available at: <https://www2.ed.gov/about/offices/list/ocr/docs/ocrshpam.html>.
104. Kann L, McManus T, Harris WA, et al. Youth Risk Behavior Surveillance — United States, 2017. *Morbidity and Mortality Weekly Report Surveillance Summary* 2018;67(SS-8):1-114.
105. Johns MM, Lowry R, Andrzejewski J, et al. Transgender identity and experiences of violence victimization, substance use, suicide risk, and sexual risk behaviors among high school students — 19 states and large urban school districts, 2017. *Morbidity and Mortality Weekly Report* 2019;68:67-71. Available at: <http://dx.doi.org/10.15585/mmwr.mm6803a3>.
106. Gower AL, Forster M, Gloppen K, et al. School practices to foster LGBT-supportive climate: Associations with adolescent bullying involvement. *Prevention Science* 2018;19(6):813-821.
107. Eisenberg ME, Gower AL, McMoris BJ, Rider GN, Shea G, Coleman E. Risk and protective factors in the lives of transgender/gender nonconforming adolescents. *Journal of Adolescent Health* 2017;61(4):521-526.

108. Johns MM, Beltran O, Armstrong HL, Jayne PE, Barrios LC. Protective factors among transgender and gender variant youth: A systematic review by socioecological level. *Journal of Primary Prevention* 2018;39(3):263-301. Available at: <https://doi.org/10.1007/s10935-018-0508-9>.
109. Saewyc EM, Homma Y. School safety and connectedness matter for more than educational outcomes: The link between school connectedness and adolescent health. In: *Sexual Orientation, Gender Identity, and Schooling: The nexus of research, practice, and policy*. Russell ST, Horn SS, eds. New York: Oxford University Press; 2017.
110. Love H, Schlitt J, Soleimanpour S, Panchal N, Behr C. Twenty years of school-based health care growth and expansion. *Health Affairs* 2019;38(5):755-764.
111. National Research Council and Institute of Medicine. Committee on Adolescent Health Care Services and Models of Care for Treatment, Prevention, and Healthy Development. *Adolescent Health Services: Missing Opportunities*. Washington, DC: The National Academies Press; 2009. Available at: <https://www.nap.edu/catalog/12063/adolescent-health-services-missing-opportunities>.
112. National Association of School Nurses. Framework for 21st Century School Nursing Practice; 2015.
113. National Association of School Nurses. Position Statement: The Role of the 21st Century School Nurse. Silver Spring, MD; 2016. Available at <https://www.nasn.org/nasn/advocacy/professional-practice-documents/position-statements/ps-role>.
114. American Academy of *Pediatrics*, Council on School Health. Role of the school nurse in providing school health services. *Pediatrics* 2016;137(6):e20160852.
115. Jones LC, Mrug S, Elliott MN, Toomey SL, Tortolero S, Schuster MA. Chronic physical health conditions and emotional problems from early adolescence through mid-adolescence. *Academic Pediatrics* 2017;17(6):649-655.
116. Maslow GR, Hill SN, Pollock MD. Comparison of positive youth development for youth with chronic conditions with healthy peers. *Journal of Adolescent Health* 2016;59(6):716-21.
117. Kolbe LJ. School health as a strategy to improve both public health and education. *Annual Review of Public Health* 2019;40:443-63.
118. Kreisel KM, Spicknall IH, Gargano JW, et al. Sexually Transmitted Infections among US women and men: Prevalence and incidence estimates, 2018. *Sexually Transmitted Disease* 2021;48(4):208-214. Available at: <https://pubmed.ncbi.nlm.nih.gov/33492089/>.
119. Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2014–2018. *HIV Surveillance Supplemental Report* 2020;25(No. 1). Published May 2020. Available at: <https://www.cdc.gov/hiv/pdf/library/reports/surveillance/cdc-hiv-surveillance-supplemental-report-vol-25-1.pdf>.
120. Sedgh G, Finer LB, Bankole A, Eilers MA, Singh S. Adolescent pregnancy, birth, and abortion rates across countries: Levels and recent trends. *Journal of Adolescent Health* 2015;56(2):223-230.

121. US Preventive Services Task Force. Screening for HIV infection: US Preventive Services Task Force Recommendation Statement. *Journal of the American Medical Association* 2019;321(23):2326-2336. Available at: <https://doi.org/10.1001/jama.2019.6587>.
122. Workowski KA, Bachmann LH, Chan PA, et al. *Sexually Transmitted Infections Treatment Guidelines*, 2021. *MMWR Recommendations and Reports* 2021;70(4):1-187. Available at: <https://doi.org/10.15585/mmwr.rr7004a1>.
123. Barrow RY, Ahmed F, Bolan GA, Workowski KA. Recommendations for providing quality sexually transmitted diseases clinical services, 2020. *MMWR Recommendations and Reports* 2020; 68(No. RR-5):1-20. Available at: <https://www.cdc.gov/mmwr/volumes/68/rr/rr6805a1.htm>.
124. Centers for Disease Control and Prevention. Revised recommendations for HIV testing of adults, adolescents, and pregnant women in health-care settings. *Morbidity and Mortality Weekly Report* 2006;55:1-17.
125. Gavin L, Moskosky S, Carter M, et al. Providing quality family planning services: Recommendations of CDC and the U.S. Office of Population Affairs. *MMWR Recommendations and Reports* 2014;63(RR-04):1-54. Available at: <https://pubmed.ncbi.nlm.nih.gov/24759690/>.
126. Tyler CP, Warner L, Gavin L, Barfield W. Receipt of reproductive health services among sexually experienced persons aged 15-19 years—National Survey of Family Growth, United States, 2006-2010. *MMWR Supplement* 2014;63(2):89-98. Available at: <https://www.cdc.gov/mmwr/preview/mmwrhtml/su6302a13.htm>
127. Cuffe KM, Newton-Levinson A, Gift TL, McFarlane M, Leichter JS. Sexually transmitted infection testing among adolescents and young adults in the United States. *Journal of Adolescent Health* 2016;58(5):512-519.
128. Centers for Disease Control and Prevention. Parent Engagement: Strategies for Involving Parents in School Health. Atlanta, GA: U.S. Department of Health and Human Services; 2012. Available at: https://www.cdc.gov/healthyouth/protective/pdf/parent_engagement_strategies.pdf.
129. Widman L, Choukas-Bradley S, Noar SM, Nesi J, Garrett K. Parent-adolescent sexual communication and adolescent safer sex behavior: A meta-analysis. *JAMA Pediatrics* 2016;170(1):52-61. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/26524189>.
130. DeVore ER, Ginsburg KR. The protective effects of good parenting on adolescents. *Current Opinion in Pediatrics* 2005;17(4):460-465. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/16012256>.
131. Epstein J, Sheldon S. Present and accounted for: Improving student attendance through family and community involvement. *The Journal of Educational Research* 2002;95(5):308-318.
132. Wang C, La Salle TP, Do KA, Wu C, Sullivan KE. Does parental involvement matter for students' mental health in middle school? *School Psychology* 2019;34(2):222-232. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/30589313>.

133. Shackleton N, Jamal F, Viner RM, Dickson K, Patton G, Bonell C. School-based interventions going beyond health education to promote adolescent health: Systematic review of reviews. *Journal of Adolescent Health* 2016;58(4):382-396. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/27013271>.
134. Fan X, Chen M. Parental involvement and students' academic achievement: A meta-analysis. *Educational Psychology Review* 2001;13(1):1-22.
135. Jeynes WH. The relationship between parental involvement and urban secondary school student academic achievement: A meta-analysis. *Urban Education* 2007;42:82-110.
136. Erdem C, Kaya M. A meta-analysis of the effect of parental involvement on students' academic achievement. *Journal of Learning for Development* 2020;7(3):367-383.
137. Grover H, Boberiene L, Limber S. Are U.S. schools places of community? Does it matter? *American Journal of Orthopsychiatry* 2021;91(3):332-347. Available at: <https://doi.org/10.1037/ort0000551>.
138. Niehaus K, Moritz Rudasill K, Rakes CR. A longitudinal study of school connectedness and academic outcomes across sixth grade. *Journal of School Psychology* 2012;50(4):443-460. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/22710015>.
139. Resnick MD, Bearman PS, Blum RW, et al. Protecting adolescents from harm: Findings from the National Longitudinal Study on Adolescent Health. *Journal of the American Medical Association* 1997;278(10):823-832. Available at: <https://doi.org/10.1001/jama.1997.03550100049038>.
140. Marraccini ME, Brier ZMF. School connectedness and suicidal thoughts and behaviors: A systematic meta-analysis. *School Psychology Quarterly* 2017;32(1):5-21. Available at: <https://doi.org/10.1037/spq0000192>.
141. Sieving RE, McRee AL, McMorris BJ, et al. Youth-adult connectedness: A key protective factor for adolescent health. *American Journal of Preventive Medicine* 2017;52(3S3):S275-S278. Available at: <https://www.ncbi.nlm.nih.gov/pubmed/28215380>.
142. Steiner RJ, Sheremenko G, Lesesne C, Dittus PJ, Sieving RE, Ethier KA. Adolescent connectedness and adult health outcomes. *Pediatrics* 2019;144(1).
143. Rasberry CN, Slade S, Lohrmann DK, Valois RF. Lessons learned from the whole child and coordinated school health approaches. *Journal of School Health* 2015;85:759-765.
144. National Association of State Boards of Education. *Fit, Healthy, and Ready to Learn: A School Health Policy Guide*. Alexandria, VA: National Association of State Boards of Education; 2007. Available at: <https://doh.sd.gov/prevention/assets/NASBE.pdf>.
145. Profili E, Rubio DS, Lane HG, et al. School wellness team best practices to promote wellness policy implementation. *Preventive Medicine* 2017;101:34-37.
146. Hunt P, Barrios L, Telljohann SK, Mazyck D. A whole school approach: Collaborative development of school policies, processes, and practices. *Journal of School Health* 2015;85(11):802-809.

147. Local School Wellness Policy Implementation Under the Healthy Hunger-Free Kids Act of 2010: Summary of the Final Rule; 2016. Available at: <https://www.govinfo.gov/content/pkg/FR-2016-07-29/pdf/2016-17230.pdf>.
148. Centers for Disease Control and Prevention. *School Health Index: A Self-Assessment and Planning Guide*. Available at: <http://www.cdc.gov/healthyschools/shi/index.htm>.
149. Pearlman DN, Dowling E, Bayuk C, Cullinen K, Thacher AK. From concept to practice: Using the School Health Index to create healthy school environments in Rhode Island elementary schools. *Preventing Chronic Disease* 2005;2(Special Issue):A09.
150. Staten LK, Teufel-Shone NI, Steinfeldt VE, et al. The School Health Index as an impetus for change. *Preventing Chronic Disease* 2005;2(1):A19.
151. Austin SB, Fung T, Cohen-Bearak A, Wardle K, Cheung LWY. Facilitating change in school health: A qualitative study of schools' experiences using the School Health Index. *Preventing Chronic Disease* 2006;3(2):A35.
152. Sherwood-Puzzello CM, Miller M, Lohrmann D, Gregory P. Implementation of CDC's School Health Index in 3 midwest middle schools: Motivation for change. *Journal of School Health* 2007;77:285-293.
153. Geiger BF, Petri CJ, Barber C. A university-school system partnership to assess the middle school health program. *American Journal of Health Studies* 2004;19(3):158-163.
154. US Department of Education. *Every Student Succeeds Act*. Available at: <https://www.ed.gov/essa>.
155. McKenzie F, Richmond J. Linking health and learning: An overview of coordinated school health.
156. Grossman M, Kaestner R. Effects of education on health. In: Behrman JR, Stacey N, eds. *The Social Benefits of Education*. Ann Arbor, MI: University of Michigan Press; 1997.
157. Harper S, Lynch J. Trends in socioeconomic inequalities in adult health behaviors among U.S. states, 1990–2004. *Public Health Reports* 2007;122(2):177-189.
158. Vernez G, Krop RA, Rydell CP. The public benefits of education. In: *Closing the Education Gap: Benefits and Costs*. Santa Monica, CA: RAND Corporation; 1999:13–32.
159. Afterschool Alliance. *America After 3PM: Demand Grows, Opportunity Shrinks*. Washington, DC: Afterschool Alliance; 2020. Available at: <http://www.afterschoolalliance.org/AA3PM/external icon>
160. McCombs JS, Whitaker A, Yoo PY. *The Value of Out-of-School Time Programs*. Santa Monica, CA: RAND Corporation; 2017.
161. Institute of Medicine. *Educating The Student Body: Taking Physical Activity and Physical Education to School*. Washington, DC: National Academies Press; 2013.
162. Lauer PA, Akiba M, Wilkerson SB, Apthorp HS, Snow D, Martin-Glenn ML. Out-of-school-time programs: A meta-analysis of effects for at-risk students. *Review of Educational Research* 2006;76(2):275-313.
163. Durlak JA, Weissberg RP. Afterschool programs that follow evidence-based practices to promote social and emotional development are effective. Available at: https://www.expandinglearning.org/docs/Durlak&Weissberg_Final.pdf.

164. The Community Preventive Services Task Force. *Promoting Health Equity Through Education Programs and Policies: Out-of-School-Time Academic Programs*. Atlanta, GA: Centers for Disease Control and Prevention, US Dept of Health and Human Services; 2013.
165. Chang HN, Cooney C. Present and engaged: Principals can leverage attendance to ensure positive outcomes as students return to school. September/October 2021;101(1) <https://www.naesp.org/resource/present-and-engaged/>.
166. Durlak JA, Weissberg RP, Pachan M. A meta-analysis of after-school programs that seek to promote personal and social skills in children and adolescents. *American Journal of Community Psychology* 2010;45(3-4):294-309.
167. The Community Preventive Services Task Force. *Nutrition: Gardening Interventions to Increase Vegetable Consumption Among Children*. Atlanta, GA: Centers for Disease Control and Prevention, US Dept of Health and Human Services; 2017.
168. Beets MW, Weaver GR, Turner-McGrievy G, et al. Two-year healthy eating outcomes: An RCT in afterschool programs. *American Journal of Preventive Medicine* 2017;53(3):316-326.
169. Division of Adolescent and School Health; National Center for HIV, Viral Hepatitis, STD, and TB Prevention; Centers for Disease Control and Prevention. PS18-1807 Program Guidance: Guidance for school-based HIV/STD prevention (component 2) recipients of PS18-1807. Atlanta, GA: U.S. Department of Health and Human Services; 2019. Available at: <https://www.cdc.gov/healthyyouth/fundedprograms/1807/resources/PS18-1807-GUIDANCE508.pdf>.
170. Bryan LN, Brener N, Barker L, Lo A, Underwood JM. US nationwide assessment of school health policies and practices using state-level data. *Health Education Journal* 2021;80(6):724-733.
171. Brener ND, Smith-Grant J, McManus T, Shanklin SL, Underwood, JM. *School Health Profiles 2018: Characteristics of Health Programs Among Secondary Schools*. Atlanta: Centers for Disease Control and Prevention; 2019.
172. American Cancer Society. *Improving School Health: A Guide to the Role of School Health Coordinator*. Atlanta, GA: American Cancer Society; 1999.

TABLES

TABLE 1. Sample Sizes and Response Rates, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	Principal surveys		Teacher surveys	
	Sample size	Response rate (%)	Sample size	Response rate (%)
STATE SURVEYS				
Alabama [†]	180	49	161	44
Alaska	177	74	173	73
Arkansas	210	75	202	72
Arizona [†]	227	53	173	40
Connecticut	244	77	231	73
Delaware ^{*,†}	49	49	51	52
Florida	338	80	321	76
Georgia [†]	145	35	79	19
Hawaii [†]	94	78	93	77
Idaho [†]	159	60	154	58
Illinois [†]	297	70	300	71
Indiana	270	73	259	70
Iowa	251	73	265	77
Kansas [†]	193	55	197	57
Kentucky	238	72	235	71
Louisiana [†]	201	55	140	38
Maine [*]	221	75	216	74
Maryland	251	74	258	76
Massachusetts [*]	606	78	605	78
Michigan	294	73	288	71
Minnesota	289	86	256	76
Mississippi	207	73	203	72
Missouri	265	73	258	71
Montana [*]	247	89	211	76
Nebraska	213	73	214	73
Nevada [*]	145	72	142	70
New Hampshire [*]	179	83	173	80
New Mexico	232	79	222	76
New York [†]	410	83	327	66
North Carolina [†]	348	79	202	46
North Dakota [*]	139	78	135	75
Ohio	361	77	327	70
Oklahoma [†]	303	72	115	27
Oregon [†]	203	57	175	49
Pennsylvania	299	74	297	74
Rhode Island [*]	101	81	97	78
South Carolina [†]	163	52	190	60
Tennessee	292	85	285	83
Texas	372	72	375	73
Utah ^{*,†}	145	54	117	43
Vermont [*]	126	87	119	82

TABLE 1. Sample Sizes and Response Rates, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	Principal surveys		Teacher surveys	
	Sample size	Response rate (%)	Sample size	Response rate (%)
Virginia [†]	254	68	162	43
Washington [†]	172	44	155	39
West Virginia [†]	108	46	93	39
DISTRICT SURVEYS				
Albuquerque, NM [*]	40	83	46	96
Boston, MA [*]	71	97	71	97
Broward County, FL [*]	68	83	68	83
Chicago, IL	243	75	248	77
Cleveland, OH [*]	100	100	100	100
District of Columbia [*]	47	98	47	98
Duval County, FL [*]	47	100	43	91
Eaton, MI [*]	12	92	12	92
Fort Worth, TX [*]	34	77	39	89
Gaston County, NC [*]	21	100	21	100
Genesee, MI [*]	19	100	17	89
Hillsborough County, FL [*]	59	79	71	95
Houston, TX [*]	70	89	71	90
Los Angeles, CA [*]	104	81	103	80
Nashville, TN ^{*,†}	38	75	34	67
New York City, NY	299	75	291	73
Newark, NJ [*]	39	83	41	87
Oakland, CA [*]	27	75	30	83
Orange County, FL [*]	51	77	48	73
Palm Beach County, FL [*]	43	74	54	93
Pasco County, FL [*]	28	100	28	100
Philadelphia, PA [*]	128	79	130	80
Portland, OR [*]	28	74	31	82
San Diego, CA [*]	54	93	53	91
San Francisco, CA [*]	32	78	33	80
Seattle, WA [*]	27	100	27	100
Shelby County, TN [*]	60	95	53	84
Spartanburg, SC [*]	17	94	18	100
TERRITORIAL SURVEY				
Puerto Rico [†]	187	61	184	60

NA= Data not available.

* Sample was a census of secondary schools.

† Non-response bias analysis was conducted and indicated few significant differences between responding and nonresponding schools.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 2. Percentage of Secondary Schools That Required Health Education Instruction in Any of Grades 6–12, the Percentage That Required Students to Take Only One Health Education Course or Two or More Courses, and Among Schools That Required a Health Education Course, the Percentage That Required Students Who Fail Such a Course to Repeat It, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Required health education instruction	Required only one health education course	Required two or more health education courses	Required students who fail a required health education course to repeat it*
STATE SURVEYS				
Alabama	77.0	52.5	18.4	93.3
Alaska	93.7	46.3	44.9	77.6
Arizona	53.0	32.4	17.2	61.7
Arkansas	100.0	32.8	67.2	78.3
Connecticut	92.1	17.8	71.8	57.5
Delaware	97.8	40.8	54.8	54.4
Florida	76.9	42.0	24.4	69.4
Georgia	88.3	53.5	28.9	68.5
Hawaii	85.0	44.8	39.5	72.3
Idaho	97.2	44.6	49.4	75.9
Illinois†	96.6	34.5	60.4	60.9
Indiana	91.2	36.7	51.4	75.0
Iowa	89.5	25.5	60.4	69.0
Kansas	92.5	48.1	40.6	72.6
Kentucky	81.4	47.7	29.2	70.9
Louisiana	89.2	52.2	33.8	70.2
Maine	96.2	29.3	66.0	55.4
Maryland	99.1	35.6	63.1	44.2
Massachusetts	89.8	19.1	69.3	47.2
Michigan	93.7	48.7	43.4	74.9
Minnesota	99.6	16.6	82.3	74.2
Mississippi	92.8	59.0	30.2	84.5
Missouri	96.3	32.0	63.0	69.3
Montana	99.6	10.9	88.2	69.6
Nebraska	97.5	38.0	59.0	64.2
Nevada	92.6	59.2	30.6	70.6
New Hampshire	98.2	39.4	53.5	48.0
New Mexico	95.4	69.3	22.2	85.4
New York	98.0	33.3	64.2	70.9
North Carolina	94.1	38.9	54.0	60.5
North Dakota	96.3	19.6	75.7	63.5
Ohio	88.0	48.0	36.7	80.7
Oklahoma	53.6	16.9	29.8	27.5
Oregon	98.1	13.4	84.2	56.8
Pennsylvania	86.4	17.8	67.5	65.5
Rhode Island	100.0	11.1	85.9	52.7
South Carolina	85.3	46.4	32.0	48.6
Tennessee	66.3	31.3	31.1	76.5
Texas	71.9	48.7	21.2	67.3
Utah	98.4	54.5	43.7	57.9

TABLE 2. Percentage of Secondary Schools That Required Health Education Instruction in Any of Grades 6–12, the Percentage That Required Students to Take Only One Health Education Course or Two or More Courses, and Among Schools That Required a Health Education Course, the Percentage That Required Students Who Fail Such a Course to Repeat It, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Required health education instruction	Required only one health education course	Required two or more health education courses	Required students who fail a required health education course to repeat it*
Vermont	91.2	24.1	66.7	48.8
Virginia	94.6	8.3	85.0	54.8
Washington	93.2	51.2	37.3	60.0
West Virginia	100.0	35.6	64.4	49.0
Nationwide	86.9	36.3	47.4	63.7
Range	53.0-100.0	8.3-69.3	17.2-88.2	27.5-93.3
DISTRICT SURVEYS				
Albuquerque, NM	100.0	79.0	21.0	61.8
Boston, MA	61.4	25.7	32.6	41.1
Broward County, FL	55.3	37.1	10.9	82.2
Chicago, IL	92.5	36.2	48.9	33.2
Cleveland, OH	52.1	35.7	9.2	81.4
District of Columbia	93.2	53.4	39.7	53.4
Duval County, FL	100.0	45.7	54.3	51.1
Eaton Consortium, MI	100.0	46.2	53.8	75.0
Fort Worth, TX	97.6	52.2	45.3	43.9
Gaston County, NC	100.0	52.6	47.4	52.9
Genesee Consortium, MI	94.7	57.9	36.8	85.3
Hillsborough County, FL	60.5	40.2	14.0	76.8
Houston, TX	98.3	53.7	44.7	57.9
Los Angeles, CA	100.0	70.3	28.8	46.4
Nashville, TN	39.9	33.0	8.7	84.8
New York City, NY	96.8	61.3	33.2	68.1
Newark, NJ	89.0	35.8	44.9	45.4
Oakland, CA	86.6	18.2	50.5	41.6
Orange County, FL	95.8	30.3	0.0	100.0
Palm Beach County, FL	75.2	24.0	31.6	45.2
Pasco County, FL	100.0	81.5	18.5	50.0
Philadelphia, PA	88.2	48.3	36.1	48.7
Portland, OR	95.9	15.1	80.8	28.8
San Diego, CA	94.3	0.0	1.9	0.0
San Francisco, CA	85.5	42.7	31.5	68.3
Seattle, WA	96.3	41.7	4.2	90.0
Shelby County, TN	79.3	29.3	41.9	72.3
Spartanburg Consortium, SC	92.3	50.0	35.7	41.7
Median	93.7	42.2	34.5	53.2
Range	39.9-100.0	0.0-81.5	0.0-80.8	0.0-100.0
TERRITORIAL SURVEY				
Puerto Rico	100.0	64.7	35.3	94.6

* Among schools that required a health education course.

† Survey did not include schools from Chicago Public Schools.

TABLE 3. Percentage of Secondary Schools That Taught a Required Health Education Course in Each Grade,* Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
STATE SURVEYS							
Alabama	22.8	21.2	22.4	47.9	76.7	10.9	10.9
Alaska	39.3	46.5	54.3	71.5	42.4	34.0	36.0
Arizona	21.7	26.5	25.6	54.2	31.1	21.0	19.5
Arkansas	71.4	90.2	82.7	92.4	73.7	63.7	66.0
Connecticut	70.4	68.7	71.1	84.6	71.3	40.5	33.9
Delaware	69.2	70.5	74.4	78.0	43.8	6.2	0.0
Florida	37.5	35.9	34.7	80.9	46.9	44.1	44.1
Georgia	46.4	51.6	49.9	100.0	27.1	20.6	17.7
Hawaii	44.3	46.0	23.6	59.0	62.7	8.8	5.9
Idaho	40.7	52.2	58.0	53.2	73.1	43.6	33.2
Illinois†	64.8	80.4	69.4	68.4	48.2	9.0	6.9
Indiana	49.2	62.9	62.3	59.1	71.9	15.9	16.2
Iowa	44.8	60.3	64.4	65.1	33.1	22.0	20.8
Kansas	44.1	50.3	48.8	90.7	14.0	6.5	6.5
Kentucky	46.3	45.1	44.9	97.2	13.5	8.5	8.5
Louisiana	41.6	54.3	58.1	72.4	55.8	35.3	35.3
Maine	68.2	75.0	77.9	71.7	59.0	19.4	17.0
Maryland	93.7	95.3	96.0	67.4	49.3	28.3	30.9
Massachusetts	74.9	77.4	77.3	78.5	62.9	37.8	33.6
Michigan	30.3	53.4	34.0	91.9	35.0	29.7	30.1
Minnesota	44.7	71.6	74.4	47.2	79.9	8.7	7.9
Mississippi	38.7	44.3	47.1	91.5	80.8	76.1	75.3
Missouri	58.1	77.1	77.4	79.2	45.1	26.4	25.0
Montana	76.7	90.1	91.1	95.2	86.5	5.4	5.4
Nebraska	50.0	57.1	54.2	72.9	25.0	5.5	5.6
Nevada	10.6	20.4	70.3	83.8	55.1	26.4	28.1
New Hampshire	78.4	79.4	78.3	68.5	59.5	26.0	22.4
New Mexico	23.8	43.4	42.7	88.9	26.4	23.4	22.3
New York	65.0	72.1	62.2	59.8	74.7	53.3	51.2
North Carolina	83.3	81.9	84.0	95.5	11.7	5.8	4.1
North Dakota	50.6	80.6	79.4	64.3	23.6	7.3	5.8
Ohio	19.8	40.0	41.4	74.4	43.3	22.9	26.6
Oklahoma	27.7	28.3	17.4	21.8	16.9	16.4	16.9
Oregon	85.3	86.3	86.6	79.6	73.4	55.5	35.0
Pennsylvania	61.0	67.0	62.5	62.7	52.8	34.0	19.6
Rhode Island	95.0	93.5	95.6	93.1	87.6	93.1	84.3
South Carolina	60.2	63.5	64.3	82.2	45.2	38.5	39.2
Tennessee	19.8	23.6	22.1	91.8	44.4	25.4	25.8
Texas	31.3	31.7	35.8	56.6	40.6	39.1	38.2
Utah	26.5	45.6	70.7	25.9	86.0	15.4	10.5
Vermont	74.6	78.5	76.9	75.3	66.6	32.4	36.0

TABLE 3. Percentage of Secondary Schools That Taught a Required Health Education Course in Each Grade,* Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Virginia	77.4	79.5	76.0	95.1	90.6	10.5	10.5
Washington	57.9	61.9	62.5	92.2	41.8	28.6	28.9
West Virginia	97.4	95.4	97.8	57.1	84.1	20.5	20.5
Nationwide	47.4	59.0	52.7	74.1	49.8	29.2	27.0
Range	10.6-97.4	20.4-95.4	17.4-97.8	21.8-100.0	11.7-90.6	5.4-93.1	0.0-84.3
DISTRICT SURVEYS							
Albuquerque, NM	4.7	96.3	15.3	100.0	21.4	15.4	15.4
Boston, MA	43.5	39.3	42.6	54.1	43.3	32.8	35.4
Broward County, FL	13.0	13.0	13.0	67.2	48.3	37.7	39.8
Chicago, IL	78.6	77.9	77.7	100.0	43.9	40.8	36.3
Cleveland, OH	8.2	8.2	9.8	31.0	32.1	38.5	88.5
District of Columbia	75.0	87.0	87.5	85.9	79.5	71.2	64.4
Duval County, FL	100.0	100.0	100.0	80.0	57.5	72.5	52.5
Eaton Consortium, MI	100.0	100.0	77.8	100.0	30.8	30.8	30.8
Fort Worth, TX	94.9	0.0	0.0	100.0	72.6	64.4	64.4
Gaston County, NC	100.0	100.0	100.0	100.0	0.0	0.0	0.0
Genesee Consortium, MI	0.0	77.8	22.2	100.0	55.6	55.6	55.6
Hillsborough County, FL	11.2	18.3	21.1	95.6	67.9	63.5	63.5
Houston, TX	89.8	93.7	90.1	100.0	92.5	92.5	92.5
Los Angeles, CA	22.0	98.3	10.5	97.7	29.1	30.1	30.1
Nashville, TN	6.0	5.7	5.7	81.8	40.0	22.2	33.3
New York City, NY	69.6	63.0	63.4	78.0	60.8	58.8	66.5
Newark, NJ	66.4	66.4	66.4	100.0	100.0	100.0	100.0
Oakland, CA	72.1	72.1	35.3	46.5	21.5	29.1	29.1
Orange County, FL	0.0	0.0	0.0	100.0	5.9	5.9	5.9
Palm Beach County, FL	49.0	49.0	49.0	54.9	44.4	41.2	41.2
Pasco County, FL	100.0	0.0	0.0	100.0	55.6	55.6	55.6
Philadelphia, PA	69.6	70.0	69.6	81.2	63.6	49.1	50.3
Portland, OR	94.2	94.2	94.2	62.5	75.0	28.6	14.3
San Diego, CA	3.2	0.0	3.1	0.0	0.0	0.0	0.0
San Francisco, CA	31.6	46.5	39.0	81.3	21.1	28.3	21.1
Seattle, WA	7.1	0.0	0.0	90.0	50.0	50.0	50.0
Shelby County, TN	35.6	35.6	35.6	100.0	88.9	61.1	58.8
Spartanburg Consortium, SC	71.4	75.0	75.0	80.0	40.0	40.0	40.0
Median	57.7	64.7	37.3	87.9	46.4	40.4	40.6
Range	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0
TERRITORIAL SURVEY							
Puerto Rico	76.5	77.8	82.9	65.2	65.5	61.2	67.5

* Among schools with students in that grade.

† Survey did not include schools from Chicago Public Schools.

Table 4. Percentage of Secondary Schools That Provided Those Who Teach Health Education with Materials for Teaching Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Goals, objectives, and expected outcomes for health education	Chart describing annual scope and sequence of instruction for health education	Plans for how to assess student performance in health education	Written health education curriculum
STATE SURVEYS				
Alabama	94.7	82.2	82.6	87.7
Alaska	83.0	55.9	57.7	74.8
Arizona	72.4	52.1	59.9	60.5
Arkansas	94.1	74.9	78.6	81.9
Connecticut	83.3	72.6	68.8	77.8
Delaware	74.0	69.8	58.3	47.4
Florida	91.7	81.3	82.2	79.5
Georgia	87.7	59.3	68.1	71.4
Hawaii	77.3	51.9	51.4	53.1
Idaho	90.5	62.7	69.2	72.2
Illinois*	85.5	65.1	66.7	69.6
Indiana	79.9	56.4	59.4	69.4
Iowa	77.1	54.4	58.6	60.0
Kansas	82.1	56.6	61.9	64.4
Kentucky	87.6	70.0	70.9	76.2
Louisiana	85.0	65.2	68.0	62.9
Maine	82.7	55.2	61.6	64.4
Maryland	95.0	85.2	84.4	89.3
Massachusetts	84.1	70.5	71.2	75.0
Michigan	86.8	70.7	71.5	81.2
Minnesota	82.2	67.6	63.5	59.6
Mississippi	93.3	75.4	86.8	91.2
Missouri	90.2	71.3	75.5	81.4
Montana	80.2	50.5	60.0	66.9
Nebraska	80.7	63.2	66.4	73.8
Nevada	86.8	72.9	60.3	68.7
New Hampshire	88.0	74.6	71.7	81.5
New Mexico	88.8	73.5	74.9	76.1
New York	84.0	74.9	70.3	77.1
North Carolina	94.6	67.1	71.1	87.4
North Dakota	82.3	51.2	60.9	62.2
Ohio	77.4	59.5	67.6	68.2
Oklahoma	86.8	57.0	63.4	63.5
Oregon	85.7	68.0	57.7	67.1
Pennsylvania	89.1	73.4	71.6	78.7
Rhode Island	83.7	76.3	70.9	81.7
South Carolina	81.7	64.2	62.0	69.7
Tennessee	89.2	64.1	68.4	72.9
Texas	89.9	76.4	76.1	77.3
Utah	84.7	55.7	59.9	66.6

Table 4. Percentage of Secondary Schools That Provided Those Who Teach Health Education with Materials for Teaching Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Goals, objectives, and expected outcomes for health education	Chart describing annual scope and sequence of instruction for health education	Plans for how to assess student performance in health education	Written health education curriculum
Vermont	71.9	51.3	55.6	43.5
Virginia	98.6	82.4	81.6	89.6
Washington	90.3	78.1	67.9	66.6
West Virginia	95.5	63.4	58.8	75.4
Nationwide	86.2	69.3	70.5	75.9
Range	71.9-98.6	50.5-85.2	51.4-86.8	43.5-91.2
DISTRICT SURVEYS				
Albuquerque, NM	85.3	75.6	63.2	58.6
Boston, MA	88.8	71.7	79.3	88.9
Broward County, FL	87.0	73.7	71.1	82.6
Chicago, IL	92.8	84.9	83.3	83.3
Cleveland, OH	53.6	40.6	37.7	37.7
District of Columbia	100.0	83.2	83.6	77.3
Duval County, FL	100.0	87.0	91.5	100.0
Eaton Consortium, MI	100.0	80.0	90.0	100.0
Fort Worth, TX	100.0	100.0	100.0	100.0
Gaston County, NC	100.0	90.5	76.2	90.5
Genesee Consortium, MI	100.0	62.5	59.4	93.8
Hillsborough County, FL	88.5	76.4	76.9	75.1
Houston, TX	100.0	100.0	100.0	100.0
Los Angeles, CA	94.9	83.4	80.1	83.2
Nashville, TN	89.8	79.4	74.2	74.8
New York City, NY	82.8	79.4	74.8	79.6
Newark, NJ	72.7	62.5	59.6	59.6
Oakland, CA	95.0	87.1	91.1	95.0
Orange County, FL	100.0	100.0	100.0	32.9
Palm Beach County, FL	97.8	87.6	91.6	95.7
Pasco County, FL	96.3	96.3	92.3	100.0
Philadelphia, PA	89.3	83.4	66.5	68.7
Portland, OR	96.1	96.1	83.9	80.8
San Diego, CA	100.0	98.1	98.1	100.0
San Francisco, CA	92.0	76.3	72.6	77.9
Seattle, WA	96.2	92.0	72.0	26.9
Shelby County, TN	100.0	95.6	97.8	97.7
Spartanburg Consortium, SC	93.8	73.3	86.7	93.3
Median	95.5	83.4	81.7	83.3
Range	53.6-100.0	40.6-100.0	37.7-100.0	26.9-100.0
TERRITORIAL SURVEY				
Puerto Rico	85.4	40.2	69.5	85.1

* Survey did not include schools from Chicago Public Schools.

Table 5. Percentage of Secondary Schools That Provided Those Who Teach Sexual Health Education with Materials for Teaching Sexual Health Education,* Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction	Written health education curriculum that includes objectives and content addressing sexual health education	Teacher pacing guides for sexual health education	Teaching resources to support sexual health education instruction	Strategies that are age-appropriate, relevant, and actively engage students in learning	Methods to assess student knowledge and skills related to sexual health education	All 6 types of materials (performance measure)
STATE SURVEYS							
Alabama	87.7	82.4	60.5	77.7	81.9	78.8	59.2
Alaska	66.6	70.8	54.0	65.7	66.9	59.4	42.7
Arizona	55.3	58.4	48.1	54.2	58.2	47.3	41.2
Arkansas	78.4	73.5	61.3	78.8	77.9	72.8	55.1
Connecticut	75.8	78.2	52.9	71.1	75.2	71.1	46.6
Delaware	61.5	58.6	39.8	63.2	66.0	65.3	39.8
Florida	90.4	88.8	81.8	87.4	89.3	86.6	76.8
Georgia	79.1	78.0	64.9	81.9	79.1	72.7	58.7
Hawaii	71.3	70.5	55.0	71.8	73.0	67.0	49.9
Idaho	76.8	76.9	55.4	70.4	80.1	75.3	50.1
Illinois [†]	70.9	73.2	52.2	74.3	78.8	74.4	46.7
Indiana	69.4	70.8	50.9	73.7	74.9	68.5	45.6
Iowa	60.2	61.5	43.6	65.2	72.2	64.6	38.1
Kansas	69.8	68.9	52.1	70.6	78.7	67.5	46.1
Kentucky	67.9	67.8	58.1	67.5	74.2	67.0	55.3
Louisiana	49.3	51.1	45.1	57.8	60.5	56.4	42.2
Maine	68.7	69.1	40.5	74.7	75.1	66.1	35.9
Maryland	90.4	92.2	80.5	91.5	92.3	87.7	76.2
Massachusetts	74.9	74.7	55.7	79.1	80.6	75.7	51.9
Michigan	87.7	89.6	71.0	90.1	88.4	83.6	65.5
Minnesota	64.4	62.7	41.2	67.5	71.5	68.1	36.9
Mississippi	80.0	78.4	69.7	75.0	80.2	80.0	65.1
Missouri	76.9	74.3	58.2	77.2	81.1	77.4	53.3
Montana	57.0	56.9	35.2	62.5	62.5	61.9	31.1
Nebraska	63.9	63.9	46.3	70.5	64.1	64.7	43.0
Nevada	89.7	84.7	69.8	77.7	75.1	68.7	54.6
New Hampshire	75.2	79.7	45.0	80.4	78.4	72.6	43.4
New Mexico	76.0	71.5	63.7	75.1	75.9	77.1	57.1
New York	76.4	75.2	57.8	75.4	77.6	76.4	54.5
North Carolina	90.3	89.8	70.7	84.0	84.3	79.7	66.8
North Dakota	57.6	54.8	40.2	68.6	66.9	66.7	36.2
Ohio	62.0	60.0	45.6	63.8	64.8	62.4	41.2
Oklahoma	60.7	62.9	44.0	66.2	63.4	58.9	42.2
Oregon	80.3	81.3	56.4	85.0	80.3	74.8	49.2
Pennsylvania	72.2	79.1	47.2	74.4	75.1	67.4	42.4
Rhode Island	78.6	82.1	53.6	68.8	75.6	71.2	50.1
South Carolina	80.8	80.3	75.3	79.6	80.1	75.3	66.9
Tennessee	78.2	75.3	60.7	71.6	76.4	72.7	58.3
Texas	80.6	79.8	72.0	78.5	81.9	73.8	66.8
Utah	76.8	73.6	43.2	70.8	70.9	65.4	40.4

Table 5. Percentage of Secondary Schools That Provided Those Who Teach Sexual Health Education with Materials for Teaching Sexual Health Education,* Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Approved health education scope and sequence that includes learning objectives, outcomes, and content to guide sexual health education instruction	Written health education curriculum that includes objectives and content addressing sexual health education	Teacher pacing guides for sexual health education	Teaching resources to support sexual health education instruction	Strategies that are age-appropriate, relevant, and actively engage students in learning	Methods to assess student knowledge and skills related to sexual health education	All 6 types of materials (performance measure)
Vermont	59.1	56.2	34.7	66.6	68.4	60.4	26.2
Virginia	91.2	90.1	78.0	85.3	89.9	77.6	70.2
Washington	84.5	82.1	70.0	84.1	83.3	77.4	64.1
West Virginia	67.2	71.3	43.1	62.9	67.0	67.1	40.6
Nationwide	77.2	77.6	61.6	78.2	79.6	75.0	56.4
Range	49.3-91.2	51.1-92.2	34.7-81.8	54.2-91.5	58.2-92.3	47.3-87.7	26.2-76.8
DISTRICT SURVEYS							
Albuquerque, NM	81.2	67.6	56.8	65.9	74.6	71.9	50.9
Boston, MA	92.7	92.7	87.0	90.9	92.7	87.0	87.0
Broward County, FL	94.4	94.4	86.3	94.4	94.4	88.0	84.1
Chicago, IL	96.8	95.9	88.9	96.3	95.8	94.8	87.3
Cleveland, OH	59.4	62.3	53.6	63.8	62.3	58.0	46.4
District of Columbia	92.8	90.4	77.9	90.4	90.4	83.2	73.1
Duval County, FL	100.0	100.0	88.8	100.0	100.0	94.7	85.6
Eaton Consortium, MI	90.0	100.0	90.0	100.0	100.0	90.0	80.0
Fort Worth, TX	100.0	100.0	100.0	100.0	100.0	97.6	97.6
Gaston County, NC	100.0	95.0	75.0	90.0	95.0	80.0	65.0
Genesee Consortium, MI	87.5	87.5	59.4	87.5	93.8	87.5	53.1
Hillsborough County, FL	87.1	82.0	77.3	84.7	82.1	71.8	66.9
Houston, TX	96.9	98.4	96.6	98.4	98.4	98.4	96.6
Los Angeles, CA	92.1	90.2	84.3	91.0	91.9	91.0	80.8
Nashville, TN	81.0	74.4	50.4	71.4	72.7	71.4	50.4
New York City, NY	84.6	80.2	74.2	80.9	83.0	82.3	70.1
Newark, NJ	51.5	52.1	34.5	48.1	52.1	48.3	30.6
Oakland, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	98.0	96.1	96.1	98.0	92.5	92.4	88.8
Pasco County, FL	100.0	100.0	92.3	96.2	92.3	92.3	88.5
Philadelphia, PA	89.4	79.3	62.8	77.4	78.4	74.6	57.1
Portland, OR	96.1	93.4	90.4	96.1	90.5	92.7	83.0
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Francisco, CA	91.8	96.2	85.2	100.0	96.4	90.5	74.8
Seattle, WA	100.0	100.0	88.9	100.0	92.6	88.9	85.2
Shelby County, TN	97.7	95.3	95.3	88.3	93.0	93.0	85.9
Spartanburg Consortium, SC	87.5	93.8	93.8	93.8	93.8	87.5	87.5
Median	93.6	94.7	87.9	94.1	92.8	89.4	83.5
Range	51.5-100.0	52.1-100.0	34.5-100.0	48.1-100.0	52.1-100.0	48.3-100.0	30.6-100.0
TERRITORIAL SURVEY							
Puerto Rico	58.2	48.4	37.7	46.7	47.4	46.0	26.8

* Systematic approach that uses medically accurate, developmentally appropriate, and culturally inclusive content to equip students with the essential knowledge and skills needed to avoid HIV, other STDs, and unintended pregnancy.

† Survey did not include schools from Chicago Public Schools.

TABLE 6a. Percentage of Secondary Schools in Which Teachers Tried to Increase Student Knowledge on Specific Health-Related Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention*	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV† prevention	Human sexuality
STATE SURVEYS									
Alabama	88.4	66.7	80.1	87.7	61.2	73.0	68.5	70.7	59.4
Alaska	87.6	36.2	76.9	88.0	23.4	48.3	62.2	64.2	64.4
Arizona	62.9	30.2	57.2	68.0	19.7	39.4	33.2	38.0	36.6
Arkansas	98.6	77.6	93.6	95.6	71.0	80.0	81.0	88.5	74.5
Connecticut	91.9	44.1	88.5	95.3	32.7	63.3	57.8	88.2	81.1
Delaware	100.0	50.7	88.6	95.5	47.9	64.1	59.3	89.1	84.7
Florida	86.7	51.3	76.6	90.7	40.3	57.3	54.8	77.1	73.8
Georgia	90.5	64.3	86.8	88.0	43.0	66.0	64.8	78.6	62.0
Hawaii	87.5	47.4	76.7	84.5	28.6	48.8	50.2	74.9	72.7
Idaho	96.8	58.2	92.4	95.0	49.6	68.7	75.6	86.1	76.6
Illinois†	97.0	65.6	90.9	95.3	44.7	70.2	69.0	90.4	84.7
Indiana	94.2	57.9	88.4	95.1	49.9	63.2	72.1	83.1	68.5
Iowa	92.9	43.5	86.0	92.5	38.4	62.5	66.4	84.4	84.3
Kansas	91.8	42.1	82.5	90.7	31.7	55.8	59.6	85.2	80.7
Kentucky	90.2	60.5	86.4	91.6	49.8	69.0	66.8	74.5	64.6
Louisiana	89.7	52.9	87.7	90.8	37.5	61.6	53.2	48.6	37.7
Maine	96.9	43.0	86.7	95.7	26.7	58.9	59.0	87.0	87.8
Maryland	96.1	54.6	91.5	97.7	36.9	58.5	72.3	93.2	88.9
Massachusetts	92.6	38.1	81.6	93.2	27.4	56.1	51.0	80.5	83.5
Michigan	85.8	37.5	82.0	90.9	28.3	58.5	55.7	82.9	73.6
Minnesota	98.4	50.6	90.6	98.9	46.0	66.4	68.5	92.6	93.4
Mississippi	94.5	74.0	88.8	91.7	57.4	75.9	74.4	80.9	64.1
Missouri	95.7	72.8	93.4	94.1	57.1	80.3	82.8	90.9	75.0
Montana	96.2	57.4	92.7	96.3	48.8	67.1	68.9	87.1	74.3
Nebraska	96.1	58.8	88.9	96.7	47.2	64.0	68.9	83.5	74.2
Nevada	93.6	60.6	88.4	92.9	46.7	69.7	64.6	90.7	83.0
New Hampshire	99.4	52.7	92.6	97.1	32.7	76.2	72.4	86.8	89.9
New Mexico	93.9	61.9	87.0	91.2	52.7	69.5	69.7	82.4	79.7
New York	97.6	64.7	93.0	98.9	51.7	73.0	72.6	95.1	90.3
North Carolina	92.6	69.9	91.1	95.8	50.5	69.4	68.7	81.8	69.2
North Dakota	97.8	46.7	87.5	95.6	41.5	64.8	70.4	82.9	78.1
Ohio	86.5	59.0	83.4	90.3	41.3	62.0	61.2	79.4	73.9
Oklahoma	70.6	37.5	58.4	53.2	28.9	43.9	44.4	60.9	47.2
Oregon	94.0	43.1	85.5	94.9	34.5	55.0	61.9	85.6	86.2
Pennsylvania	87.2	49.5	80.8	86.4	35.5	56.8	54.5	76.0	75.7
Rhode Island	97.0	69.3	93.8	97.0	53.5	68.9	69.1	93.9	92.7
South Carolina	77.7	45.8	73.4	75.5	35.2	50.8	47.1	74.2	66.7
Tennessee	86.0	58.1	79.9	88.5	47.4	65.0	60.0	62.8	60.9
Texas	86.8	57.5	72.5	83.6	49.6	63.7	63.4	66.2	60.7
Utah	96.5	54.6	92.0	93.8	46.6	62.8	72.5	90.1	85.7
Vermont	95.5	34.2	78.7	92.9	19.7	52.0	51.9	87.3	93.0

TABLE 6a. Percentage of Secondary Schools in Which Teachers Tried to Increase Student Knowledge on Specific Health-Related Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention*	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV† prevention	Human sexuality
Virginia	92.3	64.2	89.1	93.2	52.4	76.0	71.9	73.5	69.8
Washington	94.8	62.0	86.1	92.2	49.0	62.8	63.1	94.1	85.2
West Virginia	100.0	66.9	93.2	100.0	52.3	78.3	81.9	94.0	78.1
Nationwide	89.7	55.7	83.2	90.6	42.8	62.3	62.8	80.5	75.0
Range	62.9-100.0	30.2-77.6	57.2-93.8	53.2-100.0	19.7-71.0	39.4-80.3	33.2-82.8	38.0-95.1	36.6-93.4
DISTRICT SURVEYS									
Albuquerque, NM	100.0	55.1	97.9	100.0	37.2	60.3	64.5	95.7	97.3
Boston, MA	72.0	44.0	63.4	80.1	25.5	53.4	45.5	64.7	75.3
Broward County, FL	67.4	52.3	63.4	77.6	43.8	49.0	48.5	87.6	85.0
Chicago, IL	87.2	75.6	84.8	91.9	44.2	78.2	64.3	85.9	92.1
Cleveland, OH	59.1	45.8	61.1	68.0	30.5	42.7	37.5	57.8	55.6
District of Columbia	84.4	56.1	76.7	91.7	34.6	66.3	64.2	77.3	88.6
Duval County, FL	96.8	81.7	100.0	100.0	62.3	80.9	87.5	100.0	94.3
Eaton Consortium, MI	100.0	40.9	81.8	90.9	22.7	40.9	31.8	100.0	100.0
Fort Worth, TX	97.7	71.4	94.5	97.7	63.6	70.5	81.4	71.8	97.7
Gaston County, NC	100.0	52.4	100.0	95.2	47.6	66.7	66.7	100.0	85.7
Genesee Consortium, MI	100.0	57.9	92.1	94.7	42.1	84.2	89.5	100.0	100.0
Hillsborough County, FL	94.1	35.7	84.2	89.9	25.0	40.6	43.3	56.2	56.3
Houston, TX	95.5	67.5	97.0	94.0	59.7	83.9	80.6	87.1	82.5
Los Angeles, CA	99.1	73.6	97.2	100.0	53.7	78.3	79.6	96.1	91.1
Nashville, TN	64.1	53.2	65.8	74.6	25.3	40.9	33.8	31.0	34.0
New York City, NY	93.7	62.7	92.3	95.4	42.7	63.3	61.3	93.3	87.4
Newark, NJ	77.1	64.8	74.5	84.7	40.9	67.4	64.7	57.5	60.9
Oakland, CA	73.8	27.0	59.5	76.4	16.7	18.4	24.1	88.0	93.5
Orange County, FL	100.0	23.5	32.9	100.0	20.1	21.8	20.1	100.0	97.9
Palm Beach County, FL	92.1	46.5	67.4	90.7	42.3	49.8	51.3	98.2	100.0
Pasco County, FL	100.0	60.7	89.3	96.4	42.9	64.3	71.4	92.3	84.6
Philadelphia, PA	92.5	74.5	88.6	90.4	36.6	60.9	55.3	84.0	80.7
Portland, OR	100.0	22.0	72.6	100.0	7.3	32.8	41.8	100.0	100.0
San Diego, CA	57.6	17.0	48.2	71.7	12.7	29.5	31.4	98.1	100.0
San Francisco, CA	90.1	22.8	66.2	93.3	28.7	41.3	50.3	81.8	96.7
Seattle, WA	100.0	74.1	92.6	100.0	65.4	81.5	70.4	100.0	100.0
Shelby County, TN	89.0	70.1	83.3	90.5	52.9	70.1	72.4	79.2	73.5
Spartanburg Consortium, SC	86.7	52.9	70.6	88.9	52.9	52.9	41.2	83.3	66.7
Median	93.1	54.1	82.6	91.8	41.5	60.6	58.3	87.8	89.9
Range	57.6-100.0	17.0-81.7	32.9-100.0	68.0-100.0	7.3-65.4	18.4-84.2	20.1-89.5	31.0-100.0	34.0-100.0
TERRITORIAL SURVEY									
Puerto Rico	94.3	78.7	88.6	93.6	53.7	54.2	68.1	93.3	89.1

* Such as diabetes or obesity prevention.

† Human immunodeficiency virus.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 6b. Percentage of Secondary Schools in Which Teachers Tried to Increase Student Knowledge on Specific Health-Related Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD* prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
STATE SURVEYS									
Alabama	78.7	81.7	92.4	96.1	68.1	69.3	83.7	86.7	88.8
Alaska	79.6	76.7	90.5	92.2	61.9	66.0	83.0	88.3	88.1
Arizona	62.9	64.6	77.4	87.9	34.2	37.8	58.6	60.8	69.4
Arkansas	95.7	94.7	99.0	99.0	87.8	90.0	95.3	99.0	96.7
Connecticut	85.8	83.2	98.6	99.5	81.0	86.9	82.8	91.0	92.2
Delaware	84.9	85.1	97.9	97.8	89.4	89.4	89.1	98.0	91.7
Florida	72.6	82.9	90.5	96.5	72.0	76.4	80.0	88.6	90.9
Georgia	82.1	87.9	98.8	98.8	76.2	78.6	76.7	91.4	93.9
Hawaii	72.9	73.9	94.5	97.0	73.8	78.6	69.1	89.8	86.1
Idaho	87.2	89.2	97.5	98.6	77.9	84.8	88.2	95.5	94.8
Illinois [†]	87.3	86.1	97.5	98.9	89.2	90.0	88.6	96.6	93.9
Indiana	88.3	91.3	95.4	98.4	75.8	83.2	86.3	92.1	94.6
Iowa	84.3	85.2	95.6	98.7	84.7	90.1	83.0	92.7	90.4
Kansas	79.1	84.5	95.8	99.4	80.7	84.0	87.3	90.5	89.4
Kentucky	85.5	84.5	92.8	94.1	72.9	75.0	90.4	89.9	90.3
Louisiana	85.4	88.7	96.6	98.2	43.4	44.9	78.8	88.1	90.2
Maine	89.9	77.9	96.3	98.3	86.7	90.4	83.6	95.6	91.1
Maryland	87.2	91.9	95.0	99.2	90.2	91.6	91.1	95.3	95.7
Massachusetts	74.1	73.2	92.7	96.6	78.2	81.7	81.9	91.6	89.5
Michigan	72.3	74.8	92.9	95.7	74.0	83.7	75.4	86.5	86.5
Minnesota	89.1	85.7	97.5	99.6	91.3	94.2	95.7	98.8	94.8
Mississippi	87.9	91.6	94.7	99.0	75.5	79.7	81.3	95.0	92.0
Missouri	91.3	93.7	98.2	98.9	85.6	89.7	89.8	96.0	94.7
Montana	87.7	90.9	98.6	99.1	85.4	91.1	93.3	94.1	97.3
Nebraska	86.9	88.6	99.5	99.0	82.5	85.0	90.6	94.1	96.2
Nevada	87.3	89.8	94.3	97.1	90.6	91.3	90.0	94.9	88.1
New Hampshire	87.9	88.9	100.0	98.8	83.9	87.4	87.2	98.8	97.1
New Mexico	84.4	85.8	94.6	98.0	78.7	81.3	87.1	92.2	92.0
New York	91.5	89.1	99.1	99.7	88.7	92.8	89.8	97.8	95.1
North Carolina	88.3	87.4	95.4	98.6	81.3	84.0	85.1	92.9	91.4
North Dakota	89.6	81.6	98.5	99.3	84.6	89.2	92.4	96.8	94.8
Ohio	79.6	81.5	93.2	95.9	76.2	80.6	82.0	85.2	91.1
Oklahoma	60.8	62.6	67.3	73.6	48.7	58.4	50.5	72.5	65.8
Oregon	86.8	79.2	93.9	97.7	86.8	87.2	89.4	91.2	95.6
Pennsylvania	79.9	80.0	89.8	88.9	74.8	78.0	77.3	87.2	83.1
Rhode Island	89.9	91.9	94.8	99.0	86.6	89.7	86.7	97.0	97.0
South Carolina	65.9	71.0	78.5	82.2	72.3	74.9	66.5	76.1	78.8
Tennessee	77.6	81.8	91.9	96.6	64.1	66.3	81.5	85.8	90.2
Texas	72.9	81.6	89.4	96.1	68.2	70.4	77.0	83.8	84.5
Utah	89.3	88.0	97.4	98.3	82.2	90.2	96.0	97.5	93.1
Vermont	73.5	83.4	95.3	97.3	86.8	89.1	81.8	94.5	90.0

TABLE 6b. Percentage of Secondary Schools in Which Teachers Tried to Increase Student Knowledge on Specific Health-Related Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD* prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
Virginia	89.1	90.2	95.7	97.5	73.6	79.4	79.7	90.9	93.5
Washington	79.7	77.8	96.0	98.0	83.2	86.9	83.7	92.9	91.1
West Virginia	94.4	95.5	98.9	100.0	90.8	93.0	97.7	100.0	97.7
Nationwide	81.7	83.0	93.5	96.8	78.0	81.7	82.3	88.6	90.6
Range	60.8-95.7	62.6-95.5	67.3-100.0	73.6-100.0	34.2-91.3	37.8-94.2	50.5-97.7	60.8-100.0	65.8-97.7
DISTRICT SURVEYS									
Albuquerque, NM	84.6	84.8	100.0	100.0	100.0	100.0	95.3	97.9	97.9
Boston, MA	57.4	52.3	78.6	86.6	72.9	75.0	60.3	69.9	74.0
Broward County, FL	67.8	70.4	77.9	85.7	86.4	86.4	68.7	67.0	79.7
Chicago, IL	83.6	88.3	97.7	99.1	82.5	85.7	72.8	86.7	94.8
Cleveland, OH	58.3	62.8	79.3	92.0	56.2	59.1	52.7	57.0	75.0
District of Columbia	72.5	89.4	91.7	97.9	81.8	84.0	81.3	77.8	93.8
Duval County, FL	94.3	96.8	100.0	100.0	97.4	97.4	94.5	96.6	96.8
Eaton Consortium, MI	81.8	72.7	100.0	100.0	90.0	100.0	63.6	100.0	81.8
Fort Worth, TX	94.5	96.8	100.0	100.0	97.7	85.4	92.3	97.7	97.7
Gaston County, NC	81.0	81.0	100.0	100.0	100.0	100.0	95.2	100.0	100.0
Genesee Consortium, MI	100.0	84.2	100.0	100.0	100.0	100.0	94.7	100.0	100.0
Hillsborough County, FL	58.8	85.6	95.4	98.4	52.0	53.5	70.4	94.2	88.8
Houston, TX	84.8	96.9	100.0	100.0	79.2	82.2	92.5	90.6	95.5
Los Angeles, CA	98.1	94.2	100.0	100.0	94.3	96.1	98.0	97.2	99.0
Nashville, TN	58.5	71.5	85.6	92.8	37.6	40.5	70.9	57.3	79.7
New York City, NY	86.2	87.2	97.9	98.8	79.4	87.2	82.0	92.5	94.5
Newark, NJ	78.5	77.1	97.1	94.5	54.7	59.2	73.9	75.2	89.6
Oakland, CA	43.5	33.4	76.6	96.1	81.7	91.9	38.8	43.0	71.7
Orange County, FL	32.4	100.0	100.0	100.0	100.0	100.0	98.3	100.0	98.3
Palm Beach County, FL	74.8	67.9	76.9	88.4	100.0	100.0	84.9	77.3	90.5
Pasco County, FL	85.7	96.4	100.0	100.0	92.3	100.0	92.9	100.0	96.4
Philadelphia, PA	83.2	88.8	99.1	99.2	73.2	78.9	75.0	89.9	90.4
Portland, OR	66.4	72.9	100.0	100.0	100.0	100.0	97.0	100.0	100.0
San Diego, CA	48.2	55.1	73.3	95.3	100.0	100.0	59.7	57.7	96.2
San Francisco, CA	75.1	65.2	84.9	96.8	93.1	93.1	83.1	90.4	93.4
Seattle, WA	81.5	92.6	100.0	100.0	100.0	100.0	96.3	100.0	100.0
Shelby County, TN	79.5	90.8	88.6	96.3	67.1	79.6	85.0	87.0	90.3
Spartanburg Consortium, SC	77.8	75.0	87.5	88.9	83.3	83.3	66.7	85.7	76.5
Median	79.0	84.5	97.8	99.0	88.2	89.5	82.6	90.5	94.1
Range	32.4-100.0	33.4-100.0	73.3-100.0	85.7-100.0	37.6-100.0	40.5-100.0	38.8-98.3	43.0-100.0	71.7-100.0
TERRITORIAL SURVEY									
Puerto Rico	94.2	84.9	96.4	98.3	88.6	94.5	94.3	93.3	92.1

* Sexually transmitted disease.

† Survey did not include schools from Chicago Public Schools.

TABLE 7. Percentage of Secondary Schools with a Health Education Curriculum That Addressed Specific Skills, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Comprehending concepts related to health promotion and disease prevention to enhance health	Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors	Accessing valid information and products and services to enhance health	Using interpersonal communication skills to enhance health and avoid or reduce health risks	Using decision-making skills to enhance health	Using goal-setting skills to enhance health	Practicing health-enhancing behaviors to avoid or reduce risks	Advocating for personal, family, and community health
STATE SURVEYS								
Alabama	79.1	76.0	74.2	77.6	77.9	77.8	79.2	78.1
Alaska	87.6	85.4	79.8	86.3	87.6	84.3	86.5	81.9
Arizona	65.8	62.1	55.7	60.5	64.9	64.4	66.3	57.3
Arkansas	98.5	98.5	96.3	97.5	98.9	97.2	98.9	97.0
Connecticut	91.9	91.1	87.8	91.0	91.9	89.7	91.5	87.2
Delaware	91.7	93.6	84.9	93.6	91.2	91.2	91.6	86.9
Florida	79.7	77.9	74.9	79.1	81.2	80.5	81.4	78.6
Georgia	91.3	92.7	88.6	91.3	92.6	92.3	95.1	93.9
Hawaii	95.4	92.5	87.1	95.4	96.6	93.1	95.5	88.6
Idaho	94.5	96.6	89.8	92.5	96.6	93.0	95.5	94.3
Illinois [†]	95.0	93.3	88.0	93.1	95.3	93.7	95.0	90.0
Indiana	91.3	92.1	88.6	92.4	92.4	91.6	93.7	88.6
Iowa	95.9	95.9	93.9	96.3	96.3	92.7	96.3	90.3
Kansas	84.6	86.4	81.2	86.2	87.7	83.3	87.0	83.2
Kentucky	94.2	93.4	91.1	93.4	94.7	93.4	93.4	91.1
Louisiana	84.6	86.3	81.1	82.5	87.4	85.2	86.9	84.8
Maine	94.6	94.3	90.9	94.0	94.6	92.2	94.4	88.8
Maryland	97.6	97.7	96.4	97.7	97.3	98.5	98.1	96.4
Massachusetts	89.7	91.8	86.7	91.3	92.8	90.9	92.3	86.9
Michigan	90.2	89.5	85.7	89.9	89.8	89.1	89.9	85.8
Minnesota	98.4	98.4	96.4	98.0	98.4	97.2	98.4	94.1
Mississippi	92.2	92.3	88.7	92.7	93.3	91.7	92.7	91.7
Missouri	93.1	92.7	88.1	92.3	93.4	92.3	93.0	89.6
Montana	95.2	94.2	89.0	94.6	94.5	92.5	96.0	89.8
Nebraska	96.4	95.8	94.8	95.9	96.9	95.8	97.9	94.8
Nevada	90.4	88.8	86.0	86.7	91.0	89.5	91.0	88.1
New Hampshire	96.6	97.7	94.9	97.1	97.7	96.6	96.5	95.3
New Mexico	89.9	89.9	87.9	89.6	89.5	88.1	89.5	88.1
New York	96.4	96.9	96.8	96.4	97.0	96.7	97.1	96.0
North Carolina	94.2	94.6	85.0	92.8	94.2	93.2	94.6	90.4
North Dakota	97.8	97.0	93.8	97.0	97.8	94.8	96.3	94.7
Ohio	87.3	86.1	80.9	85.7	87.4	86.7	86.0	83.1
Oklahoma	62.1	60.4	57.5	60.0	64.4	62.9	64.4	63.7
Oregon	95.9	93.9	90.9	95.4	95.9	94.9	95.8	92.5
Pennsylvania	82.7	79.5	78.2	80.0	83.7	82.3	82.9	76.1
Rhode Island	95.9	95.9	90.5	93.7	95.9	94.8	94.8	93.4
South Carolina	74.0	72.4	68.0	71.5	73.0	73.6	72.7	71.6
Tennessee	74.8	74.3	69.3	72.6	75.8	74.2	75.3	73.4
Texas	74.4	73.0	68.8	73.6	74.4	73.5	74.6	72.7
Utah	96.6	96.6	91.3	95.8	96.6	96.6	96.6	93.4
Vermont	90.8	90.9	87.2	89.1	93.6	88.1	91.7	85.5

TABLE 7. Percentage of Secondary Schools with a Health Education Curriculum That Addressed Specific Skills, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Comprehending concepts related to health promotion and disease prevention to enhance health	Analyzing the influence of family, peers, culture, media, technology, and other factors on health behaviors	Accessing valid information and products and services to enhance health	Using interpersonal communication skills to enhance health and avoid or reduce health risks	Using decision-making skills to enhance health	Using goal-setting skills to enhance health	Practicing health-enhancing behaviors to avoid or reduce risks	Advocating for personal, family, and community health
Virginia	97.1	95.8	94.7	95.5	94.7	94.1	94.7	94.1
Washington	86.5	84.1	82.7	87.2	87.4	85.2	87.3	79.9
West Virginia	96.6	96.6	95.6	96.6	96.6	95.6	96.6	96.6
Nationwide	87.5	86.4	83.3	87.0	88.2	86.7	88.1	84.9
Range	62.1-98.5	60.4-98.5	55.7-96.8	60.0-98.0	64.4-98.9	62.9-98.5	64.4-98.9	57.3-97.0
DISTRICT SURVEYS								
Albuquerque, NM	95.8	93.8	91.7	95.8	95.8	93.8	95.8	91.7
Boston, MA	70.6	78.0	73.6	73.7	78.0	73.2	75.0	73.6
Broward County, FL	61.3	57.0	61.2	58.7	61.9	58.7	61.9	58.1
Chicago, IL	93.4	92.0	88.5	92.1	92.5	91.1	94.3	90.5
Cleveland, OH	51.1	51.6	45.2	50.0	52.1	50.0	53.2	47.3
District of Columbia	93.6	95.6	93.4	90.8	95.6	95.6	95.6	91.5
Duval County, FL	100.0	100.0	97.7	100.0	100.0	100.0	100.0	100.0
Eaton Consortium, MI	90.9	90.9	90.9	100.0	100.0	90.9	100.0	100.0
Fort Worth, TX	97.7	97.7	97.7	97.7	97.7	97.7	97.7	95.5
Gaston County, NC	100.0	100.0	85.0	100.0	100.0	100.0	100.0	90.0
Genesee Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Hillsborough County, FL	66.1	72.0	60.4	73.2	74.9	73.6	74.9	67.5
Houston, TX	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.9
Los Angeles, CA	100.0	99.1	95.1	98.0	100.0	99.1	99.0	95.9
Nashville, TN	55.9	55.9	52.8	49.7	55.9	54.5	54.5	54.5
New York City, NY	92.1	91.3	88.8	91.7	91.9	91.6	92.7	89.2
Newark, NJ	76.7	73.8	65.0	70.9	70.9	73.8	76.7	70.9
Oakland, CA	85.8	78.3	78.3	85.8	85.8	72.5	85.8	82.9
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	93.5	93.5	81.2	91.4	89.5	83.3	89.5	81.2
Pasco County, FL	100.0	100.0	92.6	100.0	100.0	100.0	100.0	100.0
Philadelphia, PA	90.7	93.6	87.3	92.0	94.5	94.3	93.8	92.2
Portland, OR	100.0	97.1	97.1	100.0	100.0	100.0	100.0	97.1
San Diego, CA	98.2	98.2	96.3	98.2	98.2	94.3	96.3	96.3
San Francisco, CA	90.1	90.1	86.6	90.1	90.1	86.9	90.1	86.6
Seattle, WA	51.9	51.9	51.9	51.9	51.9	48.1	51.9	51.9
Shelby County, TN	92.7	92.7	90.6	92.7	92.7	92.7	92.7	92.7
Spartanburg Consortium, SC	88.2	88.2	88.2	88.2	88.2	88.2	88.2	82.4
Median	93.1	93.1	88.6	92.1	93.6	92.1	94.1	91.0
Range	51.1-100.0	51.6-100.0	45.2-100.0	49.7-100.0	51.9-100.0	48.1-100.0	51.9-100.0	47.3-100.0
TERRITORIAL SURVEY								
Puerto Rico	94.1	84.7	87.3	90.2	94.0	92.9	92.8	90.6

* For example, through role-playing, during the current school year.

† Survey did not include schools from Chicago Public Schools.

TABLE 8a. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Identifying tobacco products and the harmful substances they contain	Identifying short- and long-term health consequences of tobacco product use	Identifying social, economic, and cosmetic consequences of tobacco product use	Understanding the addictive nature of nicotine	Effects of nicotine on the adolescent brain	Effects of tobacco product use on athletic performance	Effects of second-hand smoke and benefits of a smoke-free environment
STATE SURVEYS							
Alabama	83.6	83.1	82.5	83.7	82.6	80.1	83.2
Alaska	74.0	76.4	66.6	73.9	66.4	67.1	72.7
Arizona	40.4	42.3	37.0	44.0	39.4	40.3	41.0
Arkansas	97.1	96.1	93.6	97.7	92.0	95.2	95.0
Connecticut	88.7	88.7	85.7	88.8	86.6	80.7	86.1
Delaware	93.3	95.8	86.7	95.8	84.5	91.3	93.6
Florida	76.0	76.0	70.1	76.6	71.2	69.8	74.9
Georgia	84.1	85.6	80.1	80.7	71.4	77.7	83.2
Hawaii	79.2	80.6	67.9	79.2	73.6	63.6	73.7
Idaho	90.4	90.5	83.9	89.7	87.8	84.3	88.4
Illinois*	92.0	94.0	88.3	92.3	85.3	83.4	90.5
Indiana	89.3	90.2	86.0	89.3	86.4	81.9	89.4
Iowa	86.3	88.7	81.4	86.6	82.5	78.3	83.5
Kansas	82.9	84.2	76.5	82.1	76.9	80.7	79.8
Kentucky	86.1	86.2	84.9	87.0	84.0	82.7	86.1
Louisiana	83.7	81.9	77.9	80.2	75.0	73.3	81.2
Maine	89.8	92.1	82.6	92.3	88.7	79.3	86.7
Maryland	91.7	93.0	90.3	91.6	88.9	84.3	91.0
Massachusetts	85.7	87.0	80.1	86.0	83.6	78.2	79.3
Michigan	82.9	83.3	79.3	83.9	80.5	75.2	81.6
Minnesota	96.3	96.7	91.9	96.6	93.1	86.1	92.8
Mississippi	90.4	90.0	84.5	87.9	84.4	88.3	89.4
Missouri	93.9	94.9	86.7	93.3	86.0	85.1	89.7
Montana	90.3	89.7	85.6	89.7	83.6	86.1	88.8
Nebraska	90.8	89.9	84.6	88.8	86.1	85.7	87.4
Nevada	85.4	91.0	83.4	85.8	83.9	80.9	87.7
New Hampshire	97.7	98.2	94.2	97.7	95.4	92.4	94.7
New Mexico	85.3	86.7	79.8	84.4	81.1	82.3	83.6
New York	94.6	94.0	91.3	94.6	92.8	88.2	92.7
North Carolina	89.3	89.8	86.0	88.1	84.5	82.7	86.7
North Dakota	94.7	94.7	87.7	93.9	87.9	86.4	89.3
Ohio	82.7	83.7	78.8	82.4	79.0	77.4	81.4
Oklahoma	60.5	59.4	50.9	58.0	54.1	57.6	58.3
Oregon	82.5	86.5	79.2	83.5	81.0	68.8	79.7
Pennsylvania	84.4	84.7	82.4	84.4	81.8	76.5	82.1
Rhode Island	92.7	92.7	86.1	91.6	90.5	86.1	90.6
South Carolina	70.6	70.4	67.9	69.7	66.5	67.9	68.6
Tennessee	77.6	78.7	73.8	76.9	72.4	72.7	73.4
Texas	77.4	76.8	72.6	75.1	73.0	73.2	73.6
Utah	95.5	95.5	91.1	94.6	91.9	83.2	89.3

TABLE 8a. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Identifying tobacco products and the harmful substances they contain	Identifying short- and long-term health consequences of tobacco product use	Identifying social, economic, and cosmetic consequences of tobacco product use	Understanding the addictive nature of nicotine	Effects of nicotine on the adolescent brain	Effects of tobacco product use on athletic performance	Effects of second-hand smoke and benefits of a smoke-free environment
Vermont	87.3	89.1	85.5	89.1	85.4	80.0	83.6
Virginia	88.5	88.5	84.7	87.6	86.1	84.4	87.6
Washington	86.5	88.1	82.6	86.4	86.4	78.1	81.3
West Virginia	98.9	100.0	96.6	100.0	96.7	89.9	97.7
Nationwide	82.6	83.0	78.6	82.1	78.8	76.2	80.2
Range	40.4-98.9	42.3-100.0	37.0-96.6	44.0-100.0	39.4-96.7	40.3-95.2	41.0-97.7
DISTRICT SURVEYS							
Albuquerque, NM	97.9	97.9	95.3	95.7	95.7	88.4	97.9
Boston, MA	52.5	58.0	46.4	52.3	51.5	51.6	48.1
Broward County, FL	51.4	50.2	50.8	51.4	47.9	47.6	50.8
Chicago, IL	72.5	74.3	65.6	70.2	67.6	67.4	70.0
Cleveland, OH	43.3	46.0	36.3	41.1	35.9	40.0	43.3
District of Columbia	69.8	71.3	65.5	69.8	71.3	65.5	67.7
Duval County, FL	92.4	94.5	92.4	94.5	92.4	92.4	92.4
Eaton Consortium, MI	100.0	100.0	90.0	100.0	80.0	90.0	90.0
Fort Worth, TX	97.7	97.7	94.4	97.7	97.7	97.7	97.7
Gaston County, NC	100.0	100.0	85.7	100.0	90.5	85.7	100.0
Genesee Consortium, MI	94.7	94.7	94.7	94.7	89.5	89.5	94.7
Hillsborough County, FL	76.2	86.7	75.5	82.9	67.2	77.0	74.8
Houston, TX	84.7	86.2	82.1	83.3	83.3	84.6	84.5
Los Angeles, CA	94.2	95.1	92.2	94.2	93.2	86.2	89.2
Nashville, TN	44.8	44.8	39.2	41.3	35.5	39.1	40.3
New York City, NY	86.0	87.8	81.7	86.0	82.9	78.1	83.0
Newark, NJ	66.9	64.4	63.4	64.4	61.8	59.6	64.4
Oakland, CA	31.6	31.6	22.5	28.8	28.8	21.6	28.8
Orange County, FL	100.0	100.0	53.9	100.0	100.0	50.7	98.3
Palm Beach County, FL	61.3	61.3	55.4	57.4	51.4	57.5	60.7
Pasco County, FL	96.2	100.0	100.0	100.0	92.3	88.5	100.0
Philadelphia, PA	77.8	80.3	74.6	79.5	71.4	72.0	76.1
Portland, OR	100.0	100.0	91.8	97.1	93.2	87.6	97.1
San Diego, CA	28.7	30.7	26.7	30.7	30.7	26.7	30.6
San Francisco, CA	81.9	81.9	82.6	82.6	82.6	73.8	85.1
Seattle, WA	100.0	100.0	92.6	96.3	96.3	88.9	96.3
Shelby County, TN	75.6	75.1	73.1	73.4	71.3	73.1	73.4
Spartanburg Consortium, SC	58.8	62.5	52.9	52.9	52.9	58.8	58.8
Median	79.8	84.0	75.0	82.7	75.7	73.5	79.5
Range	28.7-100.0	30.7-100.0	22.5-100.0	28.8-100.0	28.8-100.0	21.6-97.7	28.8-100.0
TERRITORIAL SURVEY							
Puerto Rico	84.4	90.0	83.8	77.4	85.5	79.6	88.7

* Survey did not include schools from Chicago Public Schools.

TABLE 8b. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Understanding social influences on tobacco product use, including media, family, peers, and culture	Identifying reasons why students do and do not use tobacco products	Making accurate assessments of how many peers use tobacco products	Using interpersonal communication skills to avoid tobacco product use	Using goal-setting and decision-making skills related to not using tobacco products	Finding valid information and services related to tobacco-use prevention and cessation
STATE SURVEYS						
Alabama	82.1	79.6	75.0	79.1	76.1	73.1
Alaska	68.8	70.7	58.4	70.0	64.2	59.8
Arizona	39.6	37.9	29.5	39.1	35.4	33.0
Arkansas	96.5	95.7	85.8	95.6	91.2	92.2
Connecticut	85.7	87.1	70.4	86.6	82.9	81.4
Delaware	91.3	93.8	80.6	89.4	83.2	80.4
Florida	70.3	69.3	60.6	70.1	67.8	65.7
Georgia	79.0	84.1	64.3	81.7	75.9	67.3
Hawaii	75.5	74.2	58.2	74.4	63.3	69.1
Idaho	87.6	88.3	73.5	85.4	83.7	76.1
Illinois*	90.4	92.3	77.0	89.9	86.3	77.0
Indiana	87.3	87.5	76.4	87.0	80.2	78.4
Iowa	85.7	85.7	69.1	85.7	70.2	73.1
Kansas	82.0	78.0	66.1	73.7	65.0	63.9
Kentucky	85.6	86.0	74.4	83.0	76.6	70.6
Louisiana	79.6	79.7	64.6	78.6	74.7	67.0
Maine	88.5	90.7	72.1	86.8	77.4	79.7
Maryland	92.0	91.2	79.5	93.0	90.6	85.0
Massachusetts	83.0	84.2	73.3	82.2	80.7	73.9
Michigan	81.4	82.8	72.2	81.8	76.1	73.8
Minnesota	93.9	93.4	79.8	94.7	88.8	86.6
Mississippi	88.3	88.4	80.7	86.2	84.4	81.5
Missouri	92.5	92.9	76.7	90.6	83.9	81.1
Montana	90.2	90.2	78.0	82.9	79.4	80.3
Nebraska	88.0	87.9	75.4	86.0	83.6	84.2
Nevada	89.2	85.4	74.3	87.2	82.4	75.9
New Hampshire	95.3	95.9	81.5	96.5	92.4	88.4
New Mexico	85.2	83.0	71.8	84.6	81.4	74.8
New York	93.5	93.7	88.0	92.6	90.0	90.4
North Carolina	86.0	88.1	75.1	85.0	84.5	79.5
North Dakota	90.8	90.3	71.6	90.0	82.6	82.0
Ohio	80.6	82.3	67.6	79.2	76.5	71.4
Oklahoma	56.6	54.6	43.9	47.8	50.5	46.3
Oregon	83.3	82.9	70.1	82.7	74.8	75.0
Pennsylvania	84.8	83.3	70.9	80.3	79.1	71.7
Rhode Island	89.3	91.5	82.5	91.5	90.4	83.1
South Carolina	69.1	67.5	59.2	69.3	65.2	57.9
Tennessee	75.7	74.3	64.1	73.5	69.8	66.6
Texas	73.0	73.1	61.4	72.3	69.7	63.7
Utah	92.8	92.9	77.1	95.6	86.1	83.5

TABLE 8b. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Understanding social influences on tobacco product use, including media, family, peers, and culture	Identifying reasons why students do and do not use tobacco products	Making accurate assessments of how many peers use tobacco products	Using interpersonal communication skills to avoid tobacco product use	Using goal-setting and decision-making skills related to not using tobacco products	Finding valid information and services related to tobacco-use prevention and cessation
Vermont	84.4	86.4	67.2	80.9	72.7	70.9
Virginia	88.1	89.3	77.1	88.1	86.9	78.8
Washington	83.5	86.1	71.0	84.0	76.9	72.7
West Virginia	95.7	100.0	88.5	97.7	91.1	90.0
Nationwide	81.0	80.7	69.7	79.8	75.9	71.7
Range	39.6-96.5	37.9-100.0	29.5-88.5	39.1-97.7	35.4-92.4	33.0-92.2
DISTRICT SURVEYS						
Albuquerque, NM	93.1	93.1	87.0	95.7	91.0	84.2
Boston, MA	49.6	53.3	44.9	51.2	51.9	39.6
Broward County, FL	48.4	49.7	44.7	45.9	46.3	45.9
Chicago, IL	71.4	70.4	57.8	72.4	66.4	62.8
Cleveland, OH	41.1	43.3	30.8	41.6	37.1	30.8
District of Columbia	71.3	66.3	54.9	69.8	67.7	62.1
Duval County, FL	92.4	92.4	92.4	90.2	90.2	92.4
Eaton Consortium, MI	90.0	90.0	80.0	90.0	90.0	90.0
Fort Worth, TX	97.7	97.7	97.7	97.7	95.3	92.0
Gaston County, NC	100.0	100.0	71.4	95.2	90.5	76.2
Genesee Consortium, MI	94.7	94.7	81.6	94.7	89.5	73.7
Hillsborough County, FL	85.7	82.6	60.5	82.9	69.4	58.9
Houston, TX	89.0	87.5	80.5	86.0	81.9	81.7
Los Angeles, CA	94.1	92.2	81.4	93.2	89.4	86.3
Nashville, TN	41.5	41.5	30.8	37.8	33.7	33.7
New York City, NY	84.2	84.2	76.9	83.4	81.8	77.8
Newark, NJ	60.8	64.4	56.0	61.8	61.8	51.8
Oakland, CA	34.4	25.3	14.4	17.2	11.6	18.8
Orange County, FL	46.4	49.0	36.3	56.3	54.6	46.9
Palm Beach County, FL	55.5	60.6	55.5	60.5	57.5	59.3
Pasco County, FL	100.0	100.0	88.5	96.2	96.2	92.3
Philadelphia, PA	79.2	78.5	67.5	73.4	73.0	70.0
Portland, OR	100.0	100.0	97.4	97.1	94.2	79.5
San Diego, CA	30.7	28.7	24.3	26.3	28.2	26.2
San Francisco, CA	77.3	75.7	62.2	63.7	71.9	74.8
Seattle, WA	100.0	96.3	85.2	92.6	92.6	96.3
Shelby County, TN	77.7	75.1	60.9	73.0	70.7	65.1
Spartanburg Consortium, SC	62.5	62.5	52.9	68.8	68.8	52.9
Median	78.4	77.1	61.6	73.2	71.3	67.5
Range	30.7-100.0	25.3-100.0	14.4-97.7	17.2-97.7	11.6-96.2	18.8-96.3
TERRITORIAL SURVEY						
Puerto Rico	84.9	78.7	53.8	83.4	81.9	76.4

* Survey did not include schools from Chicago Public Schools.

TABLE 8c. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Supporting others who abstain from or want to quit using tobacco products	Identifying harmful effects of tobacco product use on fetal development	Relationship between using tobacco products and alcohol or other drugs	How addiction to tobacco products can be treated	Understanding school policies and community laws related to the sale and use of tobacco products	Benefits of tobacco cessation programs	All 19 tobacco-use prevention topics
STATE SURVEYS							
Alabama	75.0	78.3	79.8	76.0	81.2	69.9	65.3
Alaska	62.9	65.2	66.9	65.7	65.5	55.4	36.9
Arizona	32.4	32.1	39.2	34.6	38.0	25.8	21.8
Arkansas	89.2	91.2	93.0	94.3	94.0	82.2	69.6
Connecticut	77.7	72.8	85.4	80.2	82.6	62.2	49.2
Delaware	81.9	89.5	91.6	93.7	84.6	63.6	56.5
Florida	63.2	64.9	70.1	63.5	69.9	59.1	48.1
Georgia	69.8	75.4	84.1	75.9	82.3	60.6	46.3
Hawaii	64.5	55.4	69.8	62.7	72.8	48.9	33.4
Idaho	79.5	79.3	88.1	80.7	79.9	61.7	51.2
Illinois*	79.0	81.9	88.1	83.0	85.1	62.8	48.8
Indiana	76.7	82.1	85.4	80.8	82.5	71.7	60.1
Iowa	70.3	72.8	80.6	75.3	76.7	58.4	46.9
Kansas	67.4	68.6	76.0	68.8	78.1	52.9	40.1
Kentucky	72.2	74.1	82.1	77.3	80.1	65.9	54.9
Louisiana	70.5	66.4	78.7	69.7	78.1	58.8	47.4
Maine	75.0	71.1	83.9	79.0	81.8	59.9	40.2
Maryland	82.9	81.8	88.7	84.8	85.6	72.9	60.1
Massachusetts	69.7	64.4	80.3	75.2	78.6	58.5	43.2
Michigan	72.7	74.1	80.4	76.3	77.6	62.0	50.0
Minnesota	84.4	83.4	92.0	90.1	89.3	70.0	60.7
Mississippi	81.6	82.0	85.1	83.1	84.2	74.8	67.4
Missouri	78.7	83.3	88.0	79.4	87.4	65.8	50.1
Montana	77.5	78.5	86.0	86.2	85.3	66.4	51.9
Nebraska	82.2	82.4	87.6	84.2	84.2	66.0	57.5
Nevada	75.8	82.2	86.5	82.8	82.1	69.4	59.0
New Hampshire	87.8	80.8	92.4	84.1	90.7	74.5	60.9
New Mexico	77.8	79.9	82.0	76.6	82.1	70.7	62.7
New York	85.5	85.7	92.1	88.6	85.2	76.3	66.1
North Carolina	75.6	78.6	85.1	79.8	83.1	69.4	55.4
North Dakota	80.6	81.2	91.7	83.4	86.2	65.6	52.0
Ohio	71.8	76.6	80.2	75.9	79.2	57.9	47.0
Oklahoma	46.8	45.8	52.9	46.7	51.4	41.6	33.0
Oregon	67.2	65.3	79.9	76.9	78.4	61.7	41.8
Pennsylvania	71.2	76.4	83.5	78.7	78.6	64.5	50.4
Rhode Island	83.0	79.0	85.9	85.0	91.6	70.1	58.2
South Carolina	61.1	63.0	64.7	60.1	64.3	49.7	41.6
Tennessee	67.4	67.6	71.5	68.1	72.9	60.6	53.8
Texas	66.4	69.7	73.4	67.2	73.4	56.4	47.6
Utah	81.5	88.1	90.5	85.8	85.9	67.8	50.1

TABLE 8c. Percentage of Secondary Schools in Which Teachers Taught Specific Tobacco-Use Prevention Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Supporting others who abstain from or want to quit using tobacco products	Identifying harmful effects of tobacco product use on fetal development	Relationship between using tobacco products and alcohol or other drugs	How addiction to tobacco products can be treated	Understanding school policies and community laws related to the sale and use of tobacco products	Benefits of tobacco cessation programs	All 19 tobacco-use prevention topics
Vermont	67.8	64.1	78.1	74.5	77.3	58.8	36.1
Virginia	78.4	75.5	87.9	83.8	85.1	68.1	60.4
Washington	67.1	67.7	84.1	75.1	76.8	55.6	40.8
West Virginia	90.6	88.7	98.9	95.6	98.9	86.1	73.5
Nationwide	70.9	72.4	79.4	74.3	77.3	61.6	50.1
Range	32.4-90.6	32.1-91.2	39.2-98.9	34.6-95.6	38.0-98.9	25.8-86.1	21.8-73.5
DISTRICT SURVEYS							
Albuquerque, NM	82.0	93.1	93.4	79.9	88.4	75.7	61.9
Boston, MA	42.2	37.4	51.9	42.1	45.8	34.0	26.7
Broward County, FL	44.7	46.9	47.9	47.9	52.0	47.0	41.0
Chicago, IL	61.0	63.1	68.1	62.1	66.9	54.4	43.2
Cleveland, OH	35.2	36.7	37.1	35.2	34.4	29.0	19.4
District of Columbia	60.0	68.3	69.8	67.7	63.8	55.8	43.8
Duval County, FL	94.4	94.5	92.4	94.5	94.5	85.2	83.0
Eaton Consortium, MI	80.0	90.0	90.0	70.0	100.0	60.0	50.0
Fort Worth, TX	97.7	94.4	94.4	97.7	92.0	87.3	87.3
Gaston County, NC	71.4	76.2	90.5	71.4	95.2	52.4	42.9
Genesee Consortium, MI	81.6	89.5	94.7	81.6	89.5	71.1	63.2
Hillsborough County, FL	55.8	54.0	74.1	55.0	61.4	46.2	31.4
Houston, TX	83.2	81.7	84.6	83.1	84.6	79.2	67.1
Los Angeles, CA	85.2	83.4	90.2	84.4	85.2	81.6	71.8
Nashville, TN	33.7	36.7	30.8	33.7	33.7	33.7	30.8
New York City, NY	73.5	78.7	83.9	78.9	76.5	68.8	59.6
Newark, NJ	47.0	61.8	61.8	56.7	58.3	44.4	42.2
Oakland, CA	16.1	18.8	25.1	22.3	19.4	16.1	11.6
Orange County, FL	43.9	41.5	49.4	47.7	56.7	43.0	21.8
Palm Beach County, FL	57.4	57.5	59.9	49.8	53.6	49.8	47.8
Pasco County, FL	92.3	88.5	96.2	84.0	96.2	57.7	46.2
Philadelphia, PA	68.9	70.3	78.2	70.0	71.1	59.0	47.4
Portland, OR	87.4	65.8	87.4	90.5	84.7	59.5	47.4
San Diego, CA	24.2	22.3	28.1	24.3	28.7	20.7	18.4
San Francisco, CA	61.4	52.4	65.8	67.2	70.1	51.1	25.4
Seattle, WA	92.6	85.2	92.6	96.3	92.6	77.8	66.7
Shelby County, TN	67.1	71.3	75.1	71.3	77.2	60.9	54.7
Spartanburg Consortium, SC	64.7	58.8	52.9	52.9	64.7	47.1	35.3
Median	65.9	67.1	74.6	68.8	70.6	55.1	45.0
Range	16.1-97.7	18.8-94.5	25.1-96.2	22.3-97.7	19.4-100.0	16.1-87.3	11.6-87.3
TERRITORIAL SURVEYS							
Puerto Rico	71.1	81.6	86.3	80.2	77.7	82.1	47.4

* Survey did not include schools from Chicago Public Schools.

TABLE 9. Percentage of Secondary Schools in Which Teachers Taught About Specific Tobacco Products in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Cigarettes	Smokeless tobacco	Cigars, little cigars, or cigarillos	Pipes	Electronic vapor products
STATE SURVEYS					
Alabama	80.1	78.7	74.5	68.6	80.3
Alaska	74.8	72.6	52.8	48.1	72.2
Arizona	44.7	41.7	37.2	33.6	45.4
Arkansas	97.2	97.7	91.8	85.4	96.7
Connecticut	87.4	81.8	69.1	61.4	90.2
Delaware	94.0	89.5	85.4	78.4	95.9
Florida	74.0	70.4	63.6	58.4	75.7
Georgia	84.7	83.5	70.0	64.9	82.2
Hawaii	76.7	74.7	57.0	46.5	83.9
Idaho	91.2	87.7	76.0	73.2	91.1
Illinois*	94.8	91.5	78.0	69.8	93.1
Indiana	89.8	86.6	78.0	73.1	89.1
Iowa	86.7	85.9	72.6	62.1	89.7
Kansas	84.4	83.2	65.3	56.6	87.4
Kentucky	85.6	85.2	71.2	68.3	86.4
Louisiana	82.6	78.6	67.5	58.4	78.7
Maine	90.6	86.0	62.6	53.9	95.2
Maryland	91.1	87.5	79.2	72.3	93.4
Massachusetts	83.5	77.3	64.2	57.8	86.7
Michigan	81.8	78.3	67.2	62.4	82.1
Minnesota	95.9	93.1	80.7	74.6	97.2
Mississippi	88.3	87.8	84.4	77.4	86.3
Missouri	93.0	91.0	75.1	66.8	93.3
Montana	89.9	89.0	75.6	67.3	89.8
Nebraska	91.8	89.4	70.5	61.1	91.3
Nevada	89.7	88.7	75.8	71.5	90.2
New Hampshire	94.9	93.2	82.3	77.6	95.4
New Mexico	84.0	79.3	72.8	68.3	85.4
New York	94.7	91.1	79.4	74.3	95.3
North Carolina	87.9	87.0	73.5	64.2	87.7
North Dakota	91.8	91.0	76.8	71.9	93.2
Ohio	82.3	80.1	71.7	64.5	79.8
Oklahoma	56.9	56.6	46.1	44.0	58.8
Oregon	85.0	83.1	61.7	59.9	85.4
Pennsylvania	82.6	82.0	71.6	65.6	85.5
Rhode Island	92.7	85.3	66.1	59.2	94.9
South Carolina	67.8	66.2	58.2	54.3	64.0
Tennessee	74.0	71.8	63.1	57.0	75.8
Texas	75.8	74.4	63.0	59.6	74.7
Utah	94.9	90.5	66.3	64.9	96.6
Vermont	88.1	81.4	62.1	54.9	89.9
Virginia	87.6	86.7	80.0	74.7	87.3

TABLE 9. Percentage of Secondary Schools in Which Teachers Taught About Specific Tobacco Products in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Cigarettes	Smokeless tobacco	Cigars, little cigars, or cigarillos	Pipes	Electronic vapor products
Washington	87.4	83.5	64.6	57.8	85.9
West Virginia	98.9	96.5	87.4	81.6	100.0
Nationwide	82.7	80.5	69.2	63.0	83.8
Range	44.7-98.9	41.7-97.7	37.2-91.8	33.6-85.4	45.4-100.0
DISTRICT SURVEYS					
Albuquerque, NM	95.2	90.8	75.1	68.6	97.3
Boston, MA	52.0	45.0	38.9	31.2	54.9
Broward County, FL	50.9	47.0	43.0	41.6	54.8
Chicago, IL	72.6	66.0	56.3	48.7	71.8
Cleveland, OH	43.2	37.9	37.9	30.1	40.0
District of Columbia	69.8	68.3	68.3	55.8	70.4
Duval County, FL	92.6	92.6	92.6	86.0	90.4
Eaton Consortium, MI	100.0	100.0	81.8	72.7	100.0
Fort Worth, TX	97.7	97.7	92.3	72.3	84.2
Gaston County, NC	100.0	100.0	71.4	52.4	100.0
Genesee Consortium, MI	100.0	100.0	94.7	84.2	94.7
Hillsborough County, FL	88.8	71.3	57.4	48.7	81.3
Houston, TX	89.3	84.9	75.1	74.9	87.9
Los Angeles, CA	93.3	88.5	87.4	83.5	94.3
Nashville, TN	38.5	39.6	39.6	36.7	44.1
New York City, NY	87.4	78.8	72.0	64.2	84.5
Newark, NJ	63.4	55.7	50.5	49.1	60.8
Oakland, CA	28.8	14.4	14.4	14.4	34.4
Orange County, FL	97.9	97.9	96.2	92.8	97.9
Palm Beach County, FL	57.3	57.1	49.8	46.0	62.7
Pasco County, FL	100.0	89.3	67.9	57.1	100.0
Philadelphia, PA	76.5	69.9	67.6	59.4	79.6
Portland, OR	95.9	90.0	64.0	54.2	95.9
San Diego, CA	21.7	14.0	12.1	12.1	23.6
San Francisco, CA	79.2	67.2	67.7	41.3	82.6
Seattle, WA	96.3	88.9	88.9	77.8	96.3
Shelby County, TN	74.4	72.6	66.9	54.9	70.3
Spartanburg Consortium, SC	58.8	52.9	41.2	41.2	70.6
Median	83.3	71.9	67.7	54.5	82.0
Range	21.7-100.0	14.0-100.0	12.1-96.2	12.1-92.8	23.6-100.0
TERRITORIAL SURVEY					
Puerto Rico	79.6	61.3	64.8	48.8	60.7

* Survey did not include schools from Chicago Public Schools.

TABLE 10. Percentage of Secondary Schools in Which Teachers Taught Specific Alcohol- and Other Drug-Use Prevention Products Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Differences between proper use and abuse of over-the-counter medicines and prescription medicines	Harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs	Situations that lead to the use of alcohol and other drugs	Alcohol and other drug use as an unhealthy way to manage weight	Identifying reasons why individuals choose to use or not to use alcohol and other drugs	Using interpersonal communication skills to avoid alcohol and other drug use	Supporting others who abstain from or want to quit using alcohol and other drugs	Understanding the social influences on alcohol and other drug use, including media, family, peers, and culture	How to persuade and support others to be alcohol and other drug free	All 9 alcohol and other drug-use prevention topics (performance measure)
STATE SURVEYS										
Alabama	76.9	80.1	79.1	71.8	79.6	79.0	75.0	79.0	78.2	69.3
Alaska	66.2	75.4	72.4	50.6	72.6	72.9	69.1	73.9	69.6	44.8
Arizona	36.7	46.5	40.9	31.2	38.9	42.5	37.6	44.3	40.8	25.6
Arkansas	97.2	97.1	96.6	85.7	95.6	95.5	92.7	97.6	95.1	80.7
Connecticut	85.7	87.9	87.2	64.3	87.4	86.1	80.5	88.0	83.3	59.4
Delaware	86.7	95.5	97.8	74.0	95.6	97.8	88.5	95.5	90.6	63.5
Florida	64.5	71.4	69.7	59.1	67.7	69.4	64.4	71.0	68.0	54.4
Georgia	84.3	84.5	84.2	67.4	82.7	83.0	76.2	85.3	85.3	62.3
Hawaii	62.9	79.6	76.6	44.1	77.3	77.7	67.8	77.3	70.0	39.7
Idaho	88.6	91.1	91.3	72.7	89.9	89.8	84.0	90.4	85.1	67.8
Illinois*	87.6	93.4	92.3	72.2	91.3	92.4	82.0	92.7	86.8	66.6
Indiana	83.7	89.0	86.5	71.9	87.2	88.9	81.7	88.6	85.0	66.4
Iowa	76.9	86.7	86.6	66.0	87.1	87.4	77.5	86.3	80.8	57.2
Kansas	70.0	84.6	81.8	58.4	81.5	80.8	72.3	83.3	80.0	51.4
Kentucky	80.4	84.5	83.6	68.5	83.1	84.4	74.7	84.9	79.4	63.1
Louisiana	72.6	80.2	79.2	61.6	79.3	81.3	73.0	80.5	76.4	56.0
Maine	80.1	90.7	91.4	53.7	91.9	89.8	76.3	90.0	79.2	47.9
Maryland	93.1	94.3	93.2	75.6	93.2	94.4	88.0	94.0	89.5	73.6
Massachusetts	79.7	86.0	85.2	53.9	85.5	83.9	74.5	85.0	77.6	48.2
Michigan	74.9	81.3	80.7	62.3	80.1	78.9	72.5	80.1	74.2	56.2
Minnesota	92.2	96.3	94.6	71.1	94.6	93.9	88.1	95.0	87.9	66.7
Mississippi	84.7	87.7	87.3	77.2	88.6	86.8	81.7	86.8	86.3	73.8
Missouri	86.8	94.1	91.7	70.8	91.5	93.8	86.3	93.4	88.0	64.0
Montana	86.1	92.2	91.7	71.8	91.3	89.4	87.1	89.3	86.4	64.5
Nebraska	88.6	92.8	89.4	76.5	91.4	90.0	86.7	92.3	88.6	69.6
Nevada	88.6	91.1	89.3	72.5	88.5	88.5	84.0	89.4	83.7	68.6
New Hampshire	92.5	94.9	95.4	69.7	94.7	96.5	87.8	94.8	90.1	63.8
New Mexico	81.0	85.4	81.6	75.0	82.8	85.1	78.3	85.2	80.6	71.1
New York	91.2	96.7	96.7	83.6	95.6	94.7	91.3	94.6	92.0	78.3
North Carolina	83.7	87.1	84.9	66.1	85.3	86.7	77.3	85.8	81.8	59.5
North Dakota	80.9	93.5	93.4	68.2	93.6	93.4	83.4	91.7	88.8	58.0
Ohio	78.0	81.6	81.3	63.3	83.5	81.3	74.3	81.6	77.6	56.1
Oklahoma	51.8	53.9	50.0	46.2	49.1	49.6	49.1	50.6	48.9	43.4
Oregon	79.2	87.4	88.4	55.3	87.9	89.0	78.0	89.0	80.7	50.0
Pennsylvania	80.5	83.1	84.0	67.8	83.9	82.1	74.9	81.8	78.1	64.2
Rhode Island	85.0	90.8	91.8	74.7	90.7	90.7	81.3	92.9	89.5	69.7
South Carolina	64.2	68.8	69.2	54.2	69.2	70.0	62.1	70.2	66.3	51.0
Tennessee	69.1	72.3	71.0	58.5	69.9	70.1	67.1	72.7	69.0	54.2
Texas	68.8	74.2	72.7	62.8	72.2	74.1	69.2	74.1	72.1	58.1
Utah	93.8	94.7	93.9	70.4	93.8	94.6	85.1	94.6	89.3	66.1

TABLE 10. Percentage of Secondary Schools in Which Teachers Taught Specific Alcohol- and Other Drug-Use Prevention Products Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Differences between proper use and abuse of over-the-counter medicines and prescription medicines	Harmful short- and long-term physical, psychological, and social effects of using alcohol and other drugs	Situations that lead to the use of alcohol and other drugs	Alcohol and other drug use as an unhealthy way to manage weight	Identifying reasons why individuals choose to use or not to use alcohol and other drugs	Using interpersonal communication skills to avoid alcohol and other drug use	Supporting others who abstain from or want to quit using alcohol and other drugs	Understanding the social influences on alcohol and other drug use, including media, family, peers, and culture	How to persuade and support others to be alcohol and other drug free	All 9 alcohol and other drug-use prevention topics (performance measure)
Vermont	79.8	89.8	89.0	51.7	87.1	88.1	72.2	85.3	76.6	45.2
Virginia	86.3	89.3	87.2	76.3	87.0	88.7	84.3	87.3	85.4	72.6
Washington	76.9	88.8	86.9	64.8	88.2	89.4	76.8	86.8	81.7	56.4
West Virginia	98.8	100.0	97.7	81.7	97.7	97.9	93.3	96.6	92.0	78.3
Nationwide	77.0	82.7	81.9	64.8	81.4	81.4	75.0	82.0	77.8	59.4
Range	36.7-98.8	46.5-100.0	40.9-97.8	31.2-85.7	38.9-97.7	42.5-97.9	37.6-93.3	44.3-97.6	40.8-95.1	25.6-80.7
DISTRICT SURVEYS										
Albuquerque, NM	95.7	97.9	91.0	77.8	95.7	97.9	88.9	95.7	91.0	77.3
Boston, MA	44.7	50.5	54.8	30.5	53.4	54.8	45.1	54.8	47.4	26.6
Broward County, FL	52.9	55.1	53.2	47.8	53.2	51.7	51.4	52.7	51.5	44.4
Chicago, IL	63.0	71.6	73.0	59.5	71.2	72.8	67.7	72.0	67.0	51.1
Cleveland, OH	37.6	43.6	43.0	35.1	43.6	41.5	39.4	40.9	43.2	26.6
District of Columbia	68.1	72.9	71.9	60.0	70.4	71.9	68.3	70.4	68.3	57.9
Duval County, FL	89.6	94.7	94.7	92.6	94.7	96.8	94.7	96.8	92.6	87.4
Eaton Consortium, MI	80.0	100.0	100.0	80.0	100.0	100.0	100.0	100.0	80.0	70.0
Fort Worth, TX	97.7	97.7	97.7	95.3	95.3	97.7	97.7	97.7	97.7	93.0
Gaston County, NC	95.2	100.0	95.2	57.1	90.5	95.2	71.4	95.2	81.0	38.1
Genesee Consortium, MI	94.7	94.7	94.7	65.8	94.7	94.7	86.8	94.7	83.3	63.9
Hillsborough County, FL	68.7	79.8	82.7	56.3	79.7	86.9	63.9	84.2	67.9	49.9
Houston, TX	79.1	87.8	86.2	79.0	83.5	83.4	82.2	85.1	82.2	73.0
Los Angeles, CA	90.2	95.1	92.1	77.6	93.1	94.3	89.1	96.2	87.4	74.4
Nashville, TN	37.5	38.6	38.6	30.8	41.5	38.6	34.4	41.5	38.6	30.8
New York City, NY	78.8	88.3	86.7	74.7	85.6	85.3	81.2	86.7	84.1	67.4
Newark, NJ	53.1	66.0	60.8	45.3	58.2	60.8	48.1	55.6	56.0	43.0
Oakland, CA	15.1	29.9	29.5	11.6	36.7	25.1	15.1	26.0	22.5	11.6
Orange County, FL	49.5	51.1	48.5	41.9	48.5	51.6	43.6	50.4	49.4	35.5
Palm Beach County, FL	51.6	68.3	64.3	51.8	63.6	65.5	60.8	64.4	66.1	47.9
Pasco County, FL	85.7	96.3	96.3	71.4	100.0	96.3	92.6	92.6	92.6	60.7
Philadelphia, PA	75.3	79.6	79.6	66.3	78.8	80.4	72.0	79.6	71.5	58.4
Portland, OR	76.6	100.0	100.0	56.8	100.0	100.0	93.2	100.0	89.2	46.1
San Diego, CA	19.7	27.2	25.6	16.1	21.6	24.2	21.7	24.1	17.9	14.0
San Francisco, CA	74.8	79.0	82.2	58.0	78.3	67.2	74.8	82.8	68.0	51.4
Seattle, WA	88.9	100.0	100.0	85.2	96.3	96.3	96.3	96.3	96.3	77.8
Shelby County, TN	76.1	71.8	75.6	65.9	73.8	75.6	73.8	77.2	71.8	60.1
Spartanburg Consortium, SC	52.9	64.7	76.5	41.2	70.6	76.5	64.7	81.3	75.0	35.3
Median	75.1	79.3	80.9	58.7	78.5	78.5	71.7	82.0	71.7	51.2
Range	15.1-97.7	27.2-100.0	25.6-100.0	11.6-95.3	21.6-100.0	24.2-100.0	15.1-100.0	24.1-100.0	17.9-97.7	11.6-93.0
TERRITORIAL SURVEY										
Puerto Rico	85.3	85.1	85.1	67.5	80.7	82.3	71.6	82.9	74.3	60.0

* Survey did not include schools from Chicago Public Schools.

TABLE 11a. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	How HIV ^a and other STDs ^b are transmitted	Health consequences of HIV, other STDs, and pregnancy	Benefits of being sexually abstinent	How to access valid and reliable information, products, and services related to HIV, other STDs, and pregnancy	Influences of family, peers, media, technology, and other factors on sexual risk behaviors	Communication and negotiation skills ^c	Goal-setting and decision-making skills ^d
STATE SURVEYS							
Alabama	19.3	17.1	18.0	15.5	18.0	15.5	14.8
Alaska	48.2	47.4	47.3	45.1	45.4	42.5	39.5
Arizona	22.5	22.5	21.4	18.3	18.3	18.3	18.6
Arkansas	77.6	77.7	79.8	75.5	75.5	76.0	72.9
Connecticut	71.5	72.3	68.9	62.5	63.5	66.3	63.9
Delaware	76.8	76.8	81.0	76.8	73.1	69.6	69.1
Florida	72.7	72.7	68.5	66.4	68.5	64.1	67.0
Georgia	54.8	50.0	51.5	46.2	48.2	50.0	48.2
Hawaii	58.8	56.6	57.7	42.8	52.4	52.3	54.3
Idaho	65.6	65.9	70.5	55.7	66.2	56.6	59.2
Illinois ^e	82.4	79.5	83.0	70.9	75.7	70.8	68.9
Indiana	69.5	69.2	72.6	63.3	66.1	64.2	60.9
Iowa	76.1	77.1	78.1	70.7	73.1	70.3	66.1
Kansas	58.3	58.2	59.6	51.6	56.7	50.7	46.6
Kentucky	50.8	49.5	51.7	43.6	53.9	46.2	45.5
Louisiana	24.5	22.9	23.9	20.5	22.9	18.9	20.2
Maine	72.6	72.6	72.8	72.2	68.0	67.9	66.3
Maryland	93.2	93.2	92.8	85.9	90.5	89.7	88.1
Massachusetts	66.3	66.0	69.8	58.5	64.4	59.8	59.0
Michigan	73.7	72.9	73.9	69.0	73.3	71.5	68.8
Minnesota	76.9	78.2	82.7	70.5	78.1	69.9	74.9
Mississippi	56.0	55.3	57.4	54.3	56.0	54.7	54.7
Missouri	64.7	65.7	69.9	59.2	66.1	62.7	57.6
Montana	70.6	71.2	69.4	67.6	72.0	65.9	61.7
Nebraska	51.2	51.2	56.3	50.2	55.2	49.1	51.1
Nevada	82.4	82.4	89.0	74.6	87.5	82.7	77.7
New Hampshire	75.6	72.4	75.1	71.9	71.1	69.3	67.1
New Mexico	60.6	61.8	61.8	58.2	66.0	59.6	58.6
New York	89.1	88.4	86.5	85.6	84.8	79.7	81.1
North Carolina	76.1	74.2	75.3	70.0	73.3	73.3	72.7
North Dakota	70.9	70.7	75.0	68.6	74.6	63.8	65.7
Ohio	64.3	65.0	67.1	62.2	65.1	58.5	60.6
Oklahoma	51.1	49.8	47.6	49.8	45.0	44.6	41.2
Oregon	68.0	69.7	66.5	68.1	66.9	65.3	66.4
Pennsylvania	65.9	66.1	67.8	56.5	60.6	60.9	61.4
Rhode Island	77.9	77.9	75.8	72.9	77.0	73.6	76.2
South Carolina	62.8	63.2	62.8	52.7	62.1	55.9	59.0
Tennessee	51.5	50.3	53.3	47.2	51.6	50.7	49.8
Texas	68.8	69.4	72.5	62.6	70.3	70.3	67.3
Utah	93.6	86.2	88.8	70.1	85.9	84.5	78.1
Vermont	65.3	64.0	68.5	60.8	66.3	55.4	55.4

TABLE 11a. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	How HIV* and other STDs† are transmitted	Health consequences of HIV, other STDs, and pregnancy	Benefits of being sexually abstinent	How to access valid and reliable information, products, and services related to HIV, other STDs, and pregnancy	Influences of family, peers, media, technology, and other factors on sexual risk behaviors	Communication and negotiation skills‡	Goal-setting and decision-making skills‡
Virginia	62.7	62.7	31.4	27.3	48.7	46.0	72.7
Washington	79.1	76.0	77.7	65.4	69.8	68.7	64.1
West Virginia	87.1	85.0	80.3	75.8	78.1	78.2	73.7
Nationwide	70.6	70.1	70.1	64.2	67.1	65.0	64.6
Range	19.3-93.6	17.1-93.2	18.0-92.8	15.5-85.9	18.0-90.5	15.5-89.7	14.8-88.1
DISTRICT SURVEYS							
Albuquerque, NM	100.0	100.0	100.0	95.5	96.3	95.5	91.8
Boston, MA	49.6	49.6	52.4	48.2	46.9	46.9	49.6
Broward County, FL	85.2	75.0	77.2	70.8	77.9	71.6	70.9
Chicago, IL	87.6	87.6	88.2	87.5	89.0	85.5	83.6
Cleveland, OH	30.4	30.4	28.9	26.1	26.7	30.4	28.3
District of Columbia	70.4	70.4	70.4	73.1	74.1	70.4	73.1
Duval County, FL	94.9	94.9	94.9	94.9	100.0	100.0	94.9
Eaton Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Fort Worth, TX	56.6	66.0	100.0	66.0	100.0	72.6	66.0
Gaston County, NC	100.0	90.0	100.0	90.0	100.0	100.0	100.0
Genesee Consortium, MI	72.2	72.2	72.2	55.6	55.6	55.6	44.4
Hillsborough County, FL	27.8	25.0	31.0	28.2	29.0	25.0	25.0
Houston, TX	57.7	57.7	62.3	63.8	66.8	63.8	63.8
Los Angeles, CA	90.9	88.7	88.9	87.2	88.7	88.9	85.4
Nashville, TN	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New York City, NY	80.4	78.6	75.4	76.7	77.1	76.7	75.6
Newark, NJ	32.8	31.1	31.1	25.8	32.8	21.6	21.6
Oakland, CA	100.0	100.0	100.0	100.0	92.1	100.0	93.7
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	100.0	100.0	100.0	100.0	100.0	100.0	96.6
Pasco County, FL	100.0	100.0	100.0	72.7	100.0	90.9	90.9
Philadelphia, PA	73.3	70.4	71.2	65.5	65.5	63.3	68.2
Portland, OR	90.5	90.5	85.1	90.5	90.5	90.5	85.1
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	97.1
San Francisco, CA	82.4	82.4	82.4	82.4	82.4	82.4	82.4
Seattle, WA	100.0	100.0	100.0	100.0	100.0	100.0	50.0
Shelby County, TN	50.6	54.4	57.7	50.6	57.7	50.6	50.6
Spartanburg Consortium, SC	88.9	88.9	88.9	88.9	88.9	88.9	88.9
Median	86.4	85.0	86.6	79.5	88.8	84.0	79.0
Range	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0
TERRITORIAL SURVEY							
Puerto Rico	88.1	86.5	85.3	80.6	85.0	82.7	83.5

* Human immunodeficiency virus.

† Sexually transmitted diseases.

‡ Related to eliminating or reducing risk for HIV, other STDs, and pregnancy.

§ Survey did not include schools from Chicago Public Schools.

TABLE 11b. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Influencing and supporting others to avoid or reduce sexual risk behaviors	Efficacy of condoms	Importance of using condoms consistently and correctly	How to obtain condoms	How to correctly use a condom	Methods of contraception other than condoms	Importance of using a condom at the same time as another form of contraception to prevent both STDs* and pregnancy	How to create and sustain healthy and respectful relationships
STATE SURVEYS								
Alabama	15.6	9.0	8.3	6.9	6.9	6.9	6.9	16.9
Alaska	40.1	37.2	39.6	32.1	25.9	40.8	40.3	48.6
Arizona	16.6	18.0	16.7	15.3	13.7	18.6	15.2	23.3
Arkansas	75.8	59.4	54.6	37.4	34.9	53.9	57.7	80.1
Connecticut	61.4	52.2	46.4	38.8	25.8	48.1	46.8	73.5
Delaware	76.8	69.8	61.9	54.0	46.8	59.0	55.2	81.0
Florida	66.0	57.8	53.3	47.1	42.1	51.1	49.4	70.2
Georgia	48.2	36.1	35.2	24.5	21.3	34.6	29.0	47.6
Hawaii	46.3	44.6	42.6	40.6	42.6	44.7	44.6	58.7
Idaho	50.4	30.0	24.5	16.6	8.4	27.7	30.6	74.3
Illinois [†]	72.2	61.7	50.8	37.7	28.1	59.3	58.0	84.0
Indiana	63.3	40.9	32.7	19.0	19.8	36.3	35.9	75.2
Iowa	67.6	60.9	56.8	51.3	38.0	60.9	59.0	79.7
Kansas	51.5	47.0	40.3	25.8	23.6	39.8	39.7	63.9
Kentucky	43.8	36.1	30.0	20.9	16.1	31.2	30.2	54.8
Louisiana	22.8	18.6	17.3	16.0	11.1	17.6	16.2	28.3
Maine	64.2	61.1	61.8	57.8	44.2	63.0	63.3	75.7
Maryland	88.3	81.8	76.5	58.8	51.2	81.0	77.1	92.7
Massachusetts	56.7	56.4	55.7	45.8	34.3	54.0	53.5	72.9
Michigan	69.7	39.5	35.6	22.7	18.5	26.9	28.1	68.5
Minnesota	69.5	59.5	51.4	38.1	28.9	55.1	51.1	83.3
Mississippi	54.8	43.4	40.8	30.5	22.9	41.0	43.6	57.3
Missouri	63.0	40.8	33.7	21.2	16.4	40.6	36.0	71.8
Montana	68.8	51.5	45.0	42.0	32.5	49.5	52.1	80.1
Nebraska	53.3	41.8	38.2	29.0	26.9	38.7	35.1	56.4
Nevada	81.3	75.8	77.7	52.1	53.7	80.9	72.9	90.8
New Hampshire	63.9	52.9	47.8	37.6	28.1	49.7	48.2	83.6
New Mexico	58.4	54.6	54.6	46.6	40.4	55.9	56.0	62.4
New York	77.6	69.2	67.1	54.9	47.8	61.3	64.8	89.7
North Carolina	66.3	58.7	53.8	47.4	41.5	61.8	58.4	78.4
North Dakota	64.9	48.4	43.8	28.2	17.7	46.4	43.0	73.1
Ohio	58.1	47.3	40.4	28.1	18.3	38.8	36.0	67.5
Oklahoma	45.8	45.8	45.8	32.6	33.4	38.6	35.2	45.8
Oregon	64.0	59.9	51.9	48.5	42.9	60.3	55.0	71.4
Pennsylvania	59.7	41.3	37.9	24.5	21.4	37.3	37.7	66.9
Rhode Island	71.1	63.0	60.8	36.4	34.3	55.6	54.3	84.3
South Carolina	60.0	38.6	28.6	18.2	17.0	37.1	33.9	60.0
Tennessee	49.0	38.4	33.1	28.1	24.4	32.3	29.6	50.4
Texas	69.1	55.2	50.0	35.7	34.8	44.8	48.3	73.0
Utah	79.2	38.2	22.1	6.1	6.1	32.9	19.9	94.9

TABLE 11b. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Influencing and supporting others to avoid or reduce sexual risk behaviors	Efficacy of condoms	Importance of using condoms consistently and correctly	How to obtain condoms	How to correctly use a condom	Methods of contraception other than condoms	Importance of using a condom at the same time as another form of contraception to prevent both STDs* and pregnancy	How to create and sustain healthy and respectful relationships
Vermont	55.4	50.3	48.9	43.5	39.4	47.6	48.9	71.5
Virginia	53.1	52.2	53.7	62.7	32.2	66.0	47.8	66.6
Washington	64.9	64.4	62.8	48.9	52.0	53.3	55.2	70.6
West Virginia	74.1	64.5	53.2	49.0	35.6	62.6	60.5	82.2
Nationwide	64.0	54.0	48.1	38.4	33.8	49.4	49.2	71.9
Range	15.6-88.3	9.0-81.8	8.3-77.7	6.1-62.7	6.1-53.7	6.9-81.0	6.9-77.1	16.9-94.9
DISTRICT SURVEYS								
Albuquerque, NM	96.3	91.8	95.5	82.7	78.2	100.0	91.8	96.3
Boston, MA	45.4	49.6	49.6	46.9	39.6	49.6	49.6	50.9
Broward County, FL	76.0	70.8	67.9	62.4	59.4	61.5	63.3	73.8
Chicago, IL	85.4	80.9	80.1	73.9	69.1	80.1	82.0	91.5
Cleveland, OH	28.9	22.2	22.2	24.4	23.9	21.7	26.1	35.6
District of Columbia	70.4	63.0	63.0	59.3	55.6	59.3	65.4	74.1
Duval County, FL	100.0	90.2	90.2	85.9	85.1	90.2	90.2	100.0
Eaton Consortium, MI	77.8	100.0	100.0	77.8	100.0	55.6	77.8	77.8
Fort Worth, TX	95.3	40.6	40.6	40.6	35.8	47.2	47.2	100.0
Gaston County, NC	80.0	60.0	50.0	30.0	30.0	60.0	70.0	100.0
Genesee Consortium, MI	44.4	55.6	55.6	33.3	44.4	44.4	33.3	55.6
Hillsborough County, FL	22.1	19.5	20.1	9.7	9.7	19.5	19.5	36.0
Houston, TX	63.7	51.4	48.4	48.4	48.4	51.6	54.7	68.7
Los Angeles, CA	87.2	83.3	74.0	66.8	68.5	79.8	79.6	90.7
Nashville, TN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New York City, NY	73.4	60.8	56.6	43.3	38.4	45.1	49.3	79.7
Newark, NJ	27.2	25.8	20.5	25.8	15.1	25.8	20.5	32.8
Oakland, CA	92.1	100.0	92.1	100.0	100.0	100.0	100.0	100.0
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	100.0	96.6	96.6	75.4	75.4	96.6	100.0	100.0
Pasco County, FL	100.0	63.6	63.6	36.4	27.3	54.5	45.5	100.0
Philadelphia, PA	69.5	59.3	60.0	50.9	40.0	61.1	60.0	71.6
Portland, OR	90.5	90.5	90.5	90.5	86.5	90.5	86.5	90.5
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Francisco, CA	82.4	82.4	82.4	91.9	82.4	82.4	82.4	91.2
Seattle, WA	75.0	100.0	100.0	100.0	100.0	100.0	100.0	75.0
Shelby County, TN	57.7	39.0	39.0	28.6	28.6	28.0	28.6	53.9
Spartanburg Consortium, SC	88.9	66.7	66.7	44.4	44.4	66.7	66.7	88.9
Median	78.9	65.2	65.2	55.1	52.0	60.5	66.0	84.3
Range	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0
TERRITORIAL SURVEY								
Puerto Rico	75.0	57.6	56.9	49.4	49.1	62.5	61.0	82.5

* Sexually transmitted diseases.

† Survey did not include schools from Chicago Public Schools.

TABLE 11c. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Importance of limiting the number of sexual partners	Preventive care that is necessary to maintain reproductive and sexual health	How to communicate sexual consent between partners	Recognizing and responding to sexual victimization and violence	Diversity of sexual orientations and gender identities	How gender roles and stereotypes affect goals, decision making, and relationships	The relationship between alcohol and other drug use and sexual risk behaviors	All 22 sexual health topics
STATE SURVEYS								
Alabama	10.1	9.0	8.0	9.0	9.0	9.0	14.8	6.9
Alaska	42.3	41.4	45.7	47.4	36.3	36.2	48.0	18.8
Arizona	16.0	15.2	12.1	16.7	10.7	13.6	18.5	7.6
Arkansas	67.8	71.0	56.9	66.5	38.8	54.8	77.0	27.4
Connecticut	58.4	54.6	58.7	54.9	50.4	54.1	67.4	17.1
Delaware	72.3	73.3	69.6	62.4	54.7	65.9	73.1	35.4
Florida	57.4	56.1	58.4	58.3	45.5	48.2	61.3	25.1
Georgia	47.6	47.6	39.3	39.3	22.8	26.7	51.5	11.9
Hawaii	52.3	47.3	46.7	40.0	38.8	32.2	47.3	19.9
Idaho	52.8	60.0	46.5	44.9	28.2	43.9	61.5	3.4
Illinois*	69.3	69.4	63.0	72.0	48.9	59.4	76.1	20.5
Indiana	67.4	55.8	57.9	55.9	35.1	44.8	70.5	14.4
Iowa	68.4	64.9	61.2	57.5	43.8	52.5	73.0	23.7
Kansas	48.1	45.4	44.4	39.4	24.4	33.0	53.8	12.9
Kentucky	46.1	38.3	34.9	35.7	24.7	33.1	48.5	12.5
Louisiana	17.8	20.7	19.2	17.2	14.4	19.8	23.5	11.1
Maine	67.9	63.3	64.9	52.9	56.5	53.0	68.6	26.3
Maryland	81.3	75.8	82.8	80.3	63.1	73.1	88.9	38.2
Massachusetts	58.0	57.7	59.2	53.9	64.0	60.3	69.0	23.3
Michigan	60.9	57.2	54.4	53.2	36.8	42.2	70.5	10.2
Minnesota	68.8	68.4	58.2	63.0	51.5	57.5	78.4	22.9
Mississippi	52.6	45.1	47.8	38.1	30.5	36.3	50.5	18.7
Missouri	56.1	57.3	48.0	52.1	28.6	39.3	71.4	11.1
Montana	57.5	54.4	50.6	43.9	40.1	51.9	74.8	15.6
Nebraska	50.1	49.1	47.6	46.0	33.5	39.7	56.4	20.7
Nevada	80.9	77.7	74.6	82.6	60.1	68.6	89.2	34.3
New Hampshire	58.7	56.1	58.2	53.7	54.2	59.2	67.0	15.7
New Mexico	58.2	61.8	58.1	54.6	53.5	55.2	63.7	31.2
New York	78.5	78.3	75.8	71.2	77.9	76.8	85.4	38.6
North Carolina	69.3	58.4	53.6	65.5	42.0	56.7	71.1	29.1
North Dakota	60.8	62.7	54.0	58.2	40.9	48.7	66.9	12.4
Ohio	56.0	51.6	50.3	55.0	30.8	42.8	63.2	11.2
Oklahoma	38.8	42.3	48.4	42.0	30.0	32.6	45.0	26.6
Oregon	62.3	63.7	65.1	65.4	60.3	56.3	65.7	29.8
Pennsylvania	56.0	48.8	45.4	44.5	32.3	40.9	61.1	13.8
Rhode Island	65.2	54.6	62.1	69.1	69.2	75.9	77.5	25.9
South Carolina	52.8	53.7	44.2	53.8	25.2	41.9	54.0	11.8
Tennessee	44.1	43.0	37.0	41.8	33.0	36.6	49.0	22.0
Texas	61.4	59.8	55.0	65.2	35.9	49.9	68.2	29.8

TABLE 11c. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Importance of limiting the number of sexual partners	Preventive care that is necessary to maintain reproductive and sexual health	How to communicate sexual consent between partners	Recognizing and responding to sexual victimization and violence	Diversity of sexual orientations and gender identities	How gender roles and stereotypes affect goals, decision making, and relationships	The relationship between alcohol and other drug use and sexual risk behaviors	All 22 sexual health topics
Utah	71.3	64.6	64.0	63.7	25.0	43.8	84.1	4.5
Vermont	54.1	52.7	60.9	52.0	61.2	49.2	67.2	24.8
Virginia	59.2	69.1	64.4	58.3	61.8	52.5	41.0	18.9
Washington	62.7	59.6	55.8	45.4	47.6	42.2	65.4	26.0
West Virginia	73.5	70.5	66.9	67.3	40.6	51.6	82.0	27.1
Nationwide	60.8	59.7	55.9	57.6	45.6	51.7	66.1	24.1
Range	10.1-81.3	9.0-78.3	8.0-82.8	9.0-82.6	9.0-77.9	9.0-76.8	14.8-89.2	3.4-38.6
DISTRICT SURVEYS								
Albuquerque, NM	88.1	95.5	92.6	88.1	83.5	80.7	95.5	51.4
Boston, MA	46.9	45.5	46.6	45.0	50.9	48.2	46.9	29.0
Broward County, FL	60.3	70.1	69.7	66.8	61.3	64.2	67.0	38.1
Chicago, IL	82.2	82.0	84.1	84.6	84.6	85.2	81.3	61.4
Cleveland, OH	28.9	23.9	26.1	21.7	24.4	26.1	28.9	17.4
District of Columbia	70.4	70.4	66.7	63.0	66.7	66.7	59.3	48.1
Duval County, FL	94.9	94.9	94.6	94.9	95.3	100.0	94.9	75.0
Eaton Consortium, MI	100.0	100.0	77.8	77.8	77.8	77.8	100.0	55.6
Fort Worth, TX	63.2	88.7	53.8	69.8	69.8	90.6	95.3	35.8
Gaston County, NC	90.0	80.0	50.0	80.0	10.0	50.0	90.0	10.0
Genesee Consortium, MI	55.6	55.6	44.4	44.4	44.4	33.3	55.6	11.1
Hillsborough County, FL	18.9	18.9	22.1	19.5	22.5	18.5	12.5	6.4
Houston, TX	57.7	57.7	54.5	56.3	54.3	46.7	66.8	29.0
Los Angeles, CA	83.5	81.5	77.4	79.6	79.6	85.0	89.2	55.1
Nashville, TN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New York City, NY	62.1	59.7	61.0	59.0	70.9	66.5	72.8	32.4
Newark, NJ	25.8	20.5	20.5	21.6	15.2	16.0	27.2	10.1
Oakland, CA	92.1	100.0	92.1	92.1	92.1	100.0	85.8	79.5
Orange County, FL	100.0	100.0	100.0	100.0	0.0	3.7	100.0	0.0
Palm Beach County, FL	96.1	96.6	92.8	96.6	96.6	96.1	100.0	68.1
Pasco County, FL	81.8	81.8	81.8	81.8	90.9	81.8	100.0	27.3
Philadelphia, PA	61.0	60.0	57.6	59.3	55.0	55.0	69.9	33.4
Portland, OR	75.6	85.1	90.5	90.5	86.5	86.5	90.5	62.2
San Diego, CA	97.1	100.0	100.0	100.0	100.0	100.0	100.0	97.1
San Francisco, CA	82.4	82.4	91.2	91.2	82.4	82.4	73.0	73.0
Seattle, WA	100.0	100.0	100.0	50.0	100.0	75.0	100.0	50.0
Shelby County, TN	36.3	43.4	37.1	47.3	35.7	50.6	46.7	21.4
Spartanburg Consortium, SC	88.9	88.9	77.8	88.9	33.3	55.6	88.9	11.1
Median	78.7	81.7	73.6	73.8	68.2	66.6	83.5	34.6
Range	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-97.1
TERRITORIAL SURVEY								
Puerto Rico	79.5	73.5	57.2	70.9	67.0	76.6	82.3	27.2

* Survey did not include schools from Chicago Public Schools.

TABLE 12. Percentage of Secondary Schools in Which Teachers Assess the Ability of Students to Do Specific Skills in a Required Course Taught in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Comprehend concepts important to prevent HIV, [†] other STDs, and pregnancy	Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	Use interpersonal communication skills to avoid or reduce sexual risk behaviors	Use decision-making skills to prevent HIV, other STDs, and pregnancy	Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	Influence and support others to avoid or reduce sexual risk behaviors
STATE SURVEYS							
Alabama	17.5	15.7	10.1	15.6	13.4	18.0	14.3
Alaska	39.5	40.8	37.4	40.5	38.3	45.6	40.2
Arizona	19.8	15.7	18.5	17.0	18.5	23.4	15.7
Arkansas	76.3	76.8	70.0	72.2	77.4	71.6	71.4
Connecticut	68.4	58.1	57.1	63.1	64.1	66.6	56.4
Delaware	73.8	69.4	69.6	69.4	73.1	73.8	65.1
Florida	70.2	56.1	60.7	64.4	65.5	54.3	52.8
Georgia	50.0	43.6	35.9	46.8	43.6	50.3	40.6
Hawaii	48.6	50.3	42.6	50.3	48.2	54.1	42.3
Idaho	67.0	58.7	55.8	59.0	61.5	58.2	55.8
Illinois [†]	78.0	71.6	63.2	71.0	76.2	72.0	67.2
Indiana	66.7	62.3	54.4	63.1	64.9	64.7	59.2
Iowa	64.6	68.9	62.0	67.6	70.1	64.8	66.6
Kansas	54.0	54.2	45.0	52.5	54.4	53.5	50.0
Kentucky	44.0	43.2	33.4	44.3	42.3	48.2	35.5
Louisiana	25.8	27.1	23.2	26.8	25.8	39.9	27.8
Maine	69.0	64.5	67.0	67.2	69.8	66.9	59.9
Maryland	92.0	89.8	82.8	92.2	92.9	90.6	87.5
Massachusetts	62.3	64.4	57.2	63.8	62.6	68.7	53.4
Michigan	68.3	61.5	54.5	60.9	63.7	61.7	56.5
Minnesota	72.5	67.5	62.5	74.0	71.5	77.2	68.5
Mississippi	50.0	46.1	41.8	47.0	48.3	49.4	46.9
Missouri	60.8	59.3	51.8	63.7	62.7	64.6	57.2
Montana	64.5	66.9	55.5	67.1	66.1	66.9	63.6
Nebraska	49.7	53.8	46.6	49.6	47.6	49.7	47.6
Nevada	76.0	71.6	68.4	74.7	76.2	80.1	71.4
New Hampshire	63.5	66.8	57.3	65.5	68.6	67.7	58.3
New Mexico	60.7	59.4	55.5	58.6	58.4	63.1	59.9
New York	87.3	80.9	80.3	79.5	83.2	89.4	79.2
North Carolina	70.0	65.3	61.5	70.8	72.0	70.8	63.4
North Dakota	68.0	72.8	61.1	63.8	63.2	73.0	64.5
Ohio	62.6	57.3	52.4	59.9	60.9	68.9	57.3
Oklahoma	50.5	47.2	50.5	47.2	44.6	47.2	47.2
Oregon	65.8	67.2	63.0	68.9	66.5	68.2	63.6
Pennsylvania	62.2	54.0	48.2	55.9	59.2	58.4	48.5
Rhode Island	78.5	71.4	65.3	66.4	71.5	78.1	64.7
South Carolina	53.0	49.9	45.8	52.0	54.2	58.0	52.2
Tennessee	46.4	44.7	42.1	43.8	45.5	49.4	45.5
Texas	67.3	65.8	58.4	64.6	67.0	67.9	64.4
Utah	80.9	80.1	61.0	77.8	82.7	84.4	71.9

TABLE 12. Percentage of Secondary Schools in Which Teachers Assess the Ability of Students to Do Specific Skills in a Required Course Taught in Any of Grades 6, 7, or 8 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Comprehend concepts important to prevent HIV,* other STDs,† and pregnancy	Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	Use interpersonal communication skills to avoid or reduce sexual risk behaviors	Use decision-making skills to prevent HIV, other STDs, and pregnancy	Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	Influence and support others to avoid or reduce sexual risk behaviors
Vermont	54.9	52.8	52.1	58.9	52.8	54.7	47.9
Virginia	56.0	55.4	49.3	60.0	56.5	60.0	56.5
Washington	73.9	54.4	63.1	64.5	68.3	62.0	58.7
West Virginia	80.3	71.3	66.9	71.1	76.1	69.5	65.2
Nationwide	66.3	62.3	57.9	63.5	64.5	65.2	59.6
Range	17.5-92.0	15.7-89.8	10.1-82.8	15.6-92.2	13.4-92.9	18.0-90.6	14.3-87.5
DISTRICT SURVEYS							
Albuquerque, NM	96.3	88.1	79.8	96.3	91.8	88.1	88.1
Boston, MA	55.0	52.5	49.7	52.4	51.1	60.4	41.7
Broward County, FL	64.1	53.2	55.8	55.8	64.9	55.1	51.0
Chicago, IL	85.0	82.3	77.6	82.4	84.4	82.4	80.4
Cleveland, OH	28.3	28.3	26.1	30.4	28.3	34.8	28.3
District of Columbia	69.2	69.2	65.4	69.2	65.4	73.1	69.2
Duval County, FL	94.9	100.0	94.9	100.0	94.9	100.0	100.0
Eaton Consortium, MI	100.0	77.8	77.8	100.0	100.0	100.0	77.8
Fort Worth, TX	72.6	88.7	72.6	88.7	77.4	95.3	88.7
Gaston County, NC	100.0	90.0	90.0	90.0	100.0	90.0	90.0
Genesee Consortium, MI	72.2	66.7	55.6	44.4	66.7	66.7	44.4
Hillsborough County, FL	30.6	22.1	22.5	22.9	22.9	32.0	19.5
Houston, TX	54.1	60.0	44.9	60.0	60.0	58.7	60.0
Los Angeles, CA	89.3	89.3	85.8	91.0	89.3	89.6	89.6
Nashville, TN	0.0	0.0	0.0	0.0	0.0	9.3	0.0
New York City, NY	74.4	73.3	70.7	68.5	69.7	74.3	68.3
Newark, NJ	34.5	49.6	24.5	29.5	39.6	39.6	29.5
Oakland, CA	100.0	93.7	100.0	100.0	100.0	87.4	93.7
Orange County, FL	100.0	3.7	100.0	100.0	100.0	6.7	3.7
Palm Beach County, FL	100.0	96.7	93.5	100.0	100.0	90.2	93.0
Pasco County, FL	100.0	100.0	90.9	100.0	100.0	100.0	100.0
Philadelphia, PA	66.0	61.2	61.2	61.2	66.0	61.2	64.4
Portland, OR	95.8	95.8	95.8	100.0	100.0	94.3	95.8
San Diego, CA	96.9	93.9	93.9	96.9	96.8	94.1	96.9
San Francisco, CA	82.4	73.0	82.4	82.4	82.4	73.6	82.4
Seattle, WA	50.0	25.0	50.0	25.0	50.0	25.0	25.0
Shelby County, TN	44.0	51.1	47.8	47.8	47.8	54.4	47.8
Spartanburg Consortium, SC	88.9	88.9	88.9	88.9	88.9	88.9	88.9
Median	78.4	73.1	75.1	82.4	79.9	73.9	73.5
Range	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	0.0-100.0	6.7-100.0	0.0-100.0
TERRITORIAL SURVEY							
Puerto Rico	80.0	75.8	70.1	81.0	82.2	83.7	78.7

* Human immunodeficiency virus.

† Sexually transmitted diseases.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 13a. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	How HIV and other STDs ¹ are transmitted	Health consequences of HIV, other STDs, and pregnancy	Benefits of being sexually abstinent	Influences of family, peers, media, technology, and other factors on sexual risk behaviors	How to access valid and reliable information, products, and services related to HIV, other STDs, and pregnancy	How to obtain condoms	Preventive care that is necessary to maintain reproductive and sexual health	All 3 topics ² taught in grades 9, 10, 11, or 12 (performance measure)
STATE SURVEYS								
Alabama	95.9	93.4	94.6	94.6	92.1	57.9	85.8	56.6
Alaska	55.0	53.9	54.1	53.3	50.3	39.7	48.9	36.8
Arizona	57.5	57.5	56.3	57.6	50.7	42.4	46.5	37.8
Arkansas	96.1	96.0	96.8	92.7	95.0	64.8	87.7	64.2
Connecticut	96.1	97.8	96.8	93.6	94.2	85.9	92.6	80.4
Delaware	100.0	100.0	100.0	92.3	100.0	91.4	95.4	91.4
Florida	80.7	79.3	81.5	77.3	76.5	57.3	72.0	56.4
Georgia	100.0	100.0	100.0	96.6	93.5	46.1	88.4	43.4
Hawaii	80.6	80.6	80.6	76.5	78.7	74.9	74.9	74.9
Idaho	93.4	93.3	89.6	88.3	89.7	47.6	81.2	46.4
Illinois ³	99.0	99.0	99.0	97.2	96.3	76.4	94.5	71.0
Indiana	91.9	93.9	95.4	93.8	90.8	45.2	86.7	44.1
Iowa	84.4	84.4	81.1	81.9	77.7	62.2	76.0	57.3
Kansas	89.7	90.4	91.2	87.9	83.7	51.9	75.2	48.6
Kentucky	91.0	91.9	91.0	89.9	91.0	81.9	86.1	80.1
Louisiana	63.4	63.4	64.0	56.6	53.6	34.2	53.0	34.2
Maine	97.3	97.3	97.3	96.1	96.1	90.8	88.8	83.6
Maryland	99.0	99.0	100.0	99.0	98.0	89.9	96.9	88.9
Massachusetts	86.6	86.5	84.5	83.9	86.8	81.7	81.6	77.9
Michigan	96.5	96.5	97.4	91.7	92.7	58.4	91.4	56.9
Minnesota	93.0	93.0	93.0	91.6	92.3	66.4	91.2	64.7
Mississippi	88.4	87.1	89.1	86.7	83.5	47.1	75.3	45.0
Missouri	93.6	92.6	92.6	96.0	87.9	53.1	84.9	50.5
Montana	88.6	88.7	86.7	79.5	83.2	61.0	77.2	57.5
Nebraska	83.5	81.8	81.6	78.3	78.2	51.4	73.3	49.5
Nevada	95.1	95.1	96.7	88.2	86.5	64.8	93.4	63.2
New Hampshire	98.2	94.6	98.2	96.4	92.9	89.3	96.4	87.6
New Mexico	90.0	90.0	88.9	88.7	90.0	80.3	88.9	78.3
New York	97.6	97.1	96.5	97.0	97.1	92.6	98.3	92.5
North Carolina	82.6	82.6	81.6	82.5	80.8	59.3	80.9	57.6
North Dakota	69.4	71.2	72.7	75.8	70.7	40.1	70.0	38.8
Ohio	96.3	96.3	95.3	92.8	90.7	59.8	89.5	58.1
Oklahoma	44.5	44.5	41.1	36.4	42.7	33.8	33.8	28.5
Oregon	92.3	92.3	92.2	94.0	88.3	85.2	91.7	82.1
Pennsylvania	89.1	89.8	89.2	86.4	86.9	52.8	84.8	50.5
Rhode Island	93.3	93.3	93.3	90.6	93.3	91.0	93.3	91.0
South Carolina	92.5	92.5	93.9	93.9	91.0	74.6	91.0	73.1
Tennessee	94.1	93.0	91.1	90.0	84.9	50.7	79.3	50.2
Texas	74.2	72.6	73.6	70.5	68.1	45.7	68.6	44.5
Utah	89.1	89.1	87.1	87.1	76.9	9.8	71.8	9.8
Vermont	93.5	93.5	93.2	86.6	88.8	88.8	90.9	84.0

TABLE 13a. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	How HIV* and other STDs† are transmitted	Health consequences of HIV, other STDs, and pregnancy	Benefits of being sexually abstinent	Influences of family, peers, media, technology, and other factors on sexual risk behaviors	How to access valid and reliable information, products, and services related to HIV, other STDs, and pregnancy	How to obtain condoms	Preventive care that is necessary to maintain reproductive and sexual health	All 3 topics‡ taught in grades 9, 10, 11, or 12 (performance measure)
Virginia	80.6	78.4	53.3	70.7	49.6	73.5	75.2	46.1
Washington	97.3	97.2	97.3	91.3	94.6	82.9	86.6	77.4
West Virginia	100.0	100.0	100.0	100.0	100.0	80.2	97.4	80.2
Nationwide	88.7	88.4	87.4	86.4	84.7	64.7	82.7	62.2
Range	44.5-100.0	44.5-100.0	41.1-100.0	36.4-100.0	42.7-100.0	9.8-92.6	33.8-98.3	9.8-92.5
DISTRICT SURVEYS								
Albuquerque, NM	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Boston, MA	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
Broward County, FL	84.9	78.8	74.3	78.0	81.7	78.0	73.3	73.3
Chicago, IL	92.9	95.3	90.5	95.3	95.3	92.9	95.3	92.9
Cleveland, OH	93.3	93.3	93.3	90.0	93.3	90.0	90.0	86.7
District of Columbia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Duval County, FL	100.0	100.0	100.0	100.0	100.0	100.0	95.0	95.0
Eaton Consortium, MI	100.0	100.0	100.0	83.3	83.3	75.0	83.3	58.3
Fort Worth, TX	100.0	100.0	100.0	100.0	100.0	94.7	100.0	94.7
Gaston County, NC	100.0	100.0	100.0	100.0	100.0	87.5	100.0	87.5
Genesee Consortium, MI	100.0	100.0	100.0	100.0	100.0	91.7	100.0	91.7
Hillsborough County, FL	100.0	100.0	100.0	96.0	96.0	76.0	87.9	71.9
Houston, TX	96.1	96.3	96.3	96.3	96.3	89.0	96.3	89.0
Los Angeles, CA	100.0	100.0	100.0	97.8	100.0	97.8	100.0	97.8
Nashville, TN	85.7	85.7	85.7	85.7	85.7	42.9	85.7	42.9
New York City, NY	94.9	94.9	93.4	94.8	95.5	94.9	95.0	93.4
Newark, NJ	100.0	100.0	100.0	100.0	89.8	90.7	100.0	79.6
Oakland, CA	93.4	93.4	86.8	93.4	93.4	93.4	93.4	93.4
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	100.0	100.0	100.0	95.2	100.0	90.5	90.5	81.0
Pasco County, FL	100.0	100.0	100.0	100.0	100.0	90.9	90.9	81.8
Philadelphia, PA	95.5	95.5	91.5	93.5	93.5	95.5	93.0	91.0
Portland, OR	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Francisco, CA	100.0	100.0	92.6	92.6	100.0	100.0	100.0	100.0
Seattle, WA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Shelby County, TN	100.0	100.0	100.0	100.0	100.0	94.7	100.0	94.4
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	100.0	83.3	100.0	83.3
Median	100.0	100.0	100.0	98.9	100.0	93.2	98.1	92.3
Range	73.9-100.0	73.9-100.0	73.9-100.0	73.9-100.0	73.9-100.0	42.9-100.0	73.3-100.0	42.9-100.0
TERRITORIAL SURVEY								
Puerto Rico	98.2	98.2	98.2	92.8	92.8	75.3	94.6	70.0

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ How to access valid and reliable health information, products, and services related to HIV, other STDs, and pregnancy; How to obtain condoms; and Preventive care (such as screenings and immunizations) that is necessary to maintain reproductive and sexual health.

§ Survey did not include schools from Chicago Public Schools.

TABLE 13b. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Communication and negotiation skills*	Goal-setting and decision-making skills*	Influencing and supporting others to avoid or reduce sexual risk behaviors	Efficacy of condoms	Importance of using condoms consistently and correctly	How to correctly use a condom	Methods of contraception other than condoms	Importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy
STATE SURVEYS								
Alabama	90.8	88.2	86.6	71.0	67.1	51.2	71.1	69.7
Alaska	51.7	50.8	51.2	44.7	47.6	33.1	46.3	48.4
Arizona	48.9	54.3	53.1	51.1	46.0	32.5	46.5	41.5
Arkansas	88.3	87.0	90.3	79.3	73.0	53.6	78.3	77.0
Connecticut	96.1	88.4	88.8	94.6	94.5	82.5	91.3	94.3
Delaware	96.0	91.4	91.7	96.0	96.0	87.4	96.0	91.4
Florida	74.6	77.1	77.3	67.5	67.3	53.6	68.0	65.1
Georgia	87.6	93.1	90.8	75.2	75.2	45.3	71.7	76.0
Hawaii	72.7	72.7	74.6	78.7	74.4	67.4	78.7	73.0
Idaho	88.2	83.5	78.1	71.1	59.1	44.4	67.2	68.1
Illinois [†]	96.2	94.4	98.0	95.1	89.8	71.1	90.3	90.7
Indiana	90.2	90.4	88.6	69.2	59.4	41.2	63.6	63.3
Iowa	81.1	73.2	73.9	77.3	74.2	49.5	73.8	75.1
Kansas	77.1	73.5	83.7	69.1	63.4	40.4	67.5	65.7
Kentucky	89.0	86.0	87.1	86.9	84.9	71.1	86.9	84.8
Louisiana	52.8	52.4	58.2	42.8	35.8	29.9	41.0	41.3
Maine	91.3	91.2	90.1	92.2	92.0	88.2	94.6	93.4
Maryland	94.9	95.0	96.0	94.0	95.0	86.8	92.9	93.9
Massachusetts	83.9	80.4	80.9	82.6	84.0	75.3	82.7	81.6
Michigan	95.9	93.6	93.8	79.6	72.3	51.3	74.0	70.9
Minnesota	90.7	88.9	88.1	85.9	80.4	58.3	81.4	80.8
Mississippi	84.9	80.5	78.6	60.4	51.4	41.6	61.3	63.1
Missouri	88.8	86.8	87.5	77.2	70.4	43.7	74.4	76.1
Montana	84.3	75.1	75.5	70.8	70.7	57.1	73.8	72.1
Nebraska	74.0	72.3	75.1	61.0	59.2	39.2	59.2	60.8
Nevada	91.5	93.4	91.5	90.1	86.5	72.8	90.1	88.5
New Hampshire	94.6	92.8	94.6	92.9	92.9	89.5	92.7	92.9
New Mexico	89.8	88.8	87.8	81.7	83.6	76.3	85.8	81.7
New York	97.0	97.6	97.6	96.4	95.9	89.5	97.0	96.5
North Carolina	74.7	74.4	75.5	71.4	66.9	54.3	72.1	67.1
North Dakota	73.6	71.9	71.9	60.3	53.1	32.7	54.9	53.1
Ohio	92.0	86.1	85.6	86.0	80.7	55.0	82.5	79.5
Oklahoma	27.3	31.4	35.6	41.7	39.5	23.9	37.1	32.4
Oregon	91.3	87.8	86.0	91.2	89.4	81.3	92.3	92.3
Pennsylvania	87.5	87.1	84.4	69.3	67.4	46.5	69.4	73.3
Rhode Island	90.6	93.3	93.3	93.3	93.3	74.3	93.3	93.1
South Carolina	91.1	92.4	89.1	86.2	77.6	67.4	84.7	84.9
Tennessee	87.1	85.1	85.9	73.0	63.9	39.7	67.5	66.6
Texas	69.5	69.7	68.5	63.2	56.3	42.2	57.0	57.0
Utah	80.1	77.7	77.3	54.9	29.9	9.6	59.7	33.3

TABLE 13b. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Communication and negotiation skills*	Goal-setting and decision-making skills*	Influencing and supporting others to avoid or reduce sexual risk behaviors	Efficacy of condoms	Importance of using condoms consistently and correctly	How to correctly use a condom	Methods of contraception other than condoms	Importance of using a condom at the same time as another form of contraception to prevent both STDs and pregnancy
Vermont	86.6	82.2	86.7	91.1	93.3	91.1	93.3	93.3
Virginia	69.0	82.9	65.1	71.3	66.6	55.8	78.0	65.0
Washington	93.3	89.3	85.6	92.4	91.0	80.6	89.4	90.8
West Virginia	100.0	100.0	97.4	88.8	83.2	70.4	83.4	83.4
Nationwide	84.1	83.3	83.3	77.6	73.9	58.6	75.9	74.9
Range	27.3-100.0	31.4-100.0	35.6-98.0	41.7-96.4	29.9-96.0	9.6-91.1	37.1-97.0	32.4-96.5
DISTRICT SURVEYS								
Albuquerque, NM	100.0	100.0	100.0	100.0	100.0	93.3	100.0	100.0
Boston, MA	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
Broward County, FL	74.3	78.0	78.0	81.7	78.0	74.3	74.3	77.1
Chicago, IL	95.3	95.3	95.3	92.9	92.9	88.4	92.9	92.9
Cleveland, OH	93.3	83.3	93.3	90.0	90.0	80.0	89.7	93.1
District of Columbia	100.0	100.0	100.0	100.0	100.0	94.4	100.0	100.0
Duval County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Eaton Consortium, MI	83.3	83.3	83.3	100.0	100.0	75.0	100.0	100.0
Fort Worth, TX	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Gaston County, NC	100.0	100.0	100.0	87.5	87.5	75.0	100.0	100.0
Genesee Consortium, MI	100.0	100.0	91.7	100.0	100.0	83.3	100.0	100.0
Hillsborough County, FL	96.0	91.9	91.9	96.0	87.9	76.0	100.0	87.9
Houston, TX	96.3	96.3	96.3	96.3	96.3	92.8	96.3	96.3
Los Angeles, CA	97.8	95.6	100.0	100.0	100.0	93.3	97.8	95.6
Nashville, TN	85.7	85.7	85.7	85.7	71.4	71.4	85.7	85.7
New York City, NY	93.1	92.1	92.9	94.2	94.8	92.5	94.0	94.8
Newark, NJ	90.7	100.0	100.0	100.0	100.0	72.2	100.0	90.7
Oakland, CA	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	100.0	90.5	95.2	100.0	100.0	100.0	100.0	95.2
Pasco County, FL	100.0	100.0	100.0	90.9	90.9	81.8	100.0	90.9
Philadelphia, PA	93.5	93.5	95.5	93.0	95.5	85.1	95.5	95.4
Portland, OR	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Diego, CA	100.0	95.2	100.0	100.0	100.0	95.2	100.0	100.0
San Francisco, CA	92.6	85.2	85.2	100.0	100.0	92.6	100.0	100.0
Seattle, WA	100.0	100.0	90.9	100.0	100.0	100.0	100.0	100.0
Shelby County, TN	100.0	100.0	100.0	94.7	94.7	89.5	94.7	94.7
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	83.3	66.7	100.0	100.0
Median	98.9	95.9	95.9	100.0	98.1	91.0	100.0	95.9
Range	73.9-100.0	73.9-100.0	73.9-100.0	73.9-100.0	71.4-100.0	66.7-100.0	73.9-100.0	73.9-100.0
TERRITORIAL SURVEY								
Puerto Rico	96.2	90.8	92.7	83.4	87.2	80.7	83.0	89.6

* Related to eliminating or reducing risk for HIV, other STDs, and pregnancy.

† Survey did not include schools from Chicago Public Schools.

TABLE 13c. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11, or 12 and the Percentage in Which Teachers Taught at Least 11 Topics in a Required Course in Grades 6, 7, or 8 and Grades 9, 10, 11, or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	How to create and sustain healthy and respectful relationships	Importance of limiting the number of sexual partners	How to communicate sexual consent between partners	Recognizing and responding to sexual victimization and violence	Diversity of sexual orientations and gender identities	How gender roles and stereotypes affect goals, decision making, and relationships	The relationship between alcohol and other drug use and sexual risk behaviors	All 22 sexual health topics	At least 11 topics taught in grades 6, 7, or 8 and grades 9, 10, 11, or 12 (performance measure)
STATE SURVEYS									
Alabama	90.7	88.4	82.5	84.9	51.9	68.3	90.8	43.2	40.3
Alaska	56.8	50.4	51.6	52.2	38.5	46.2	51.3	22.2	46.6
Arizona	56.4	44.5	46.9	55.8	40.9	45.0	54.7	19.8	29.3
Arkansas	94.6	87.2	82.6	87.3	59.6	72.8	90.9	40.4	78.1
Connecticut	96.8	94.7	94.4	92.6	84.0	86.6	96.7	58.8	78.4
Delaware	100.0	95.4	95.4	91.7	91.7	87.0	95.4	79.1	85.0
Florida	77.1	71.6	70.1	73.7	61.4	61.8	73.6	45.7	67.4
Georgia	100.0	91.2	74.5	78.5	43.0	63.8	94.5	21.5	70.0
Hawaii	78.3	72.7	72.7	70.4	62.1	60.3	76.4	48.2	62.0
Idaho	90.9	87.3	82.2	78.6	54.7	63.7	92.1	32.6	66.1
Illinois*	98.1	95.4	96.2	92.5	79.9	78.5	98.1	44.3	82.9
Indiana	94.3	88.4	82.9	89.0	51.9	66.8	94.1	27.9	75.0
Iowa	79.2	80.8	77.5	72.7	52.6	63.4	81.4	34.8	72.6
Kansas	91.6	80.6	70.9	77.3	49.0	61.0	82.4	27.4	60.7
Kentucky	91.0	90.0	88.1	86.1	64.6	70.6	90.8	49.9	62.5
Louisiana	65.1	52.4	47.1	50.0	33.9	44.3	62.7	24.5	23.7
Maine	92.2	93.5	93.5	86.2	84.3	80.0	97.2	60.0	80.7
Maryland	100.0	96.9	99.0	95.9	85.9	83.9	99.0	65.8	94.0
Massachusetts	87.1	81.7	84.1	82.1	81.6	79.3	86.7	59.9	71.0
Michigan	97.6	92.7	91.9	89.7	59.6	69.1	96.0	23.8	76.5
Minnesota	92.3	93.0	87.8	84.7	72.9	78.4	92.8	47.3	79.1
Mississippi	85.8	80.3	71.1	73.0	50.2	68.6	85.7	35.5	65.5
Missouri	93.4	86.8	77.6	79.7	56.8	68.0	94.2	29.8	69.1
Montana	92.1	79.1	78.1	70.7	56.8	63.5	83.0	37.1	74.3
Nebraska	78.4	75.1	67.6	72.3	49.8	58.6	82.8	30.8	52.2
Nevada	95.1	91.5	88.2	86.5	72.0	77.8	95.1	58.0	88.0
New Hampshire	100.0	92.8	94.5	92.9	84.0	79.4	98.2	63.2	79.6
New Mexico	89.9	89.9	86.8	86.1	77.8	79.5	89.8	67.0	73.4
New York	97.6	97.0	97.6	97.1	95.0	94.7	98.2	79.8	89.3
North Carolina	81.5	77.3	72.0	76.0	56.4	65.1	81.0	46.1	74.4
North Dakota	77.7	69.3	70.3	70.9	50.5	59.0	74.6	23.4	57.0
Ohio	95.5	93.9	86.1	87.9	63.1	72.3	92.1	39.9	71.1
Oklahoma	39.7	41.7	34.1	25.6	21.6	23.9	32.5	14.8	42.0
Oregon	94.0	88.6	95.1	91.0	90.9	84.3	94.0	69.0	76.5
Pennsylvania	87.2	86.7	80.5	83.3	62.0	66.7	86.9	34.9	67.9
Rhode Island	88.5	93.3	90.9	88.5	91.0	90.3	97.5	66.3	81.0
South Carolina	95.5	89.3	88.2	88.4	49.0	73.7	92.7	39.7	72.5
Tennessee	93.2	86.1	76.4	82.6	56.7	67.3	90.1	32.4	61.1
Texas	71.5	68.7	63.3	66.4	48.5	53.7	68.8	35.2	66.8
Utah	87.1	77.3	68.5	77.7	39.6	68.2	85.5	5.7	72.2

TABLE 13c. Percentage of Secondary Schools in Which Teachers Taught Specific Sexual Health Topics in a Required Course in Any of Grades 9, 10, 11, or 12 and the Percentage in Which Teachers Taught at Least 11 Topics in a Required Course in Grades 6, 7, or 8 and Grades 9, 10, 11, or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	How to create and sustain healthy and respectful relationships	Importance of limiting the number of sexual partners	How to communicate sexual consent between partners	Recognizing and responding to sexual victimization and violence	Diversity of sexual orientations and gender identities	How gender roles and stereotypes affect goals, decision making, and relationships	The relationship between alcohol and other drug use and sexual risk behaviors	All 22 sexual health topics	At least 11 topics taught in grades 6, 7, or 8 and grades 9, 10, 11, or 12 (performance measure)
Vermont	88.9	90.9	93.3	91.1	84.4	77.7	93.3	52.1	65.3
Virginia	78.8	75.2	79.3	72.5	78.0	69.0	62.8	40.5	67.4
Washington	96.1	93.3	87.7	83.9	75.6	79.9	95.7	55.1	81.4
West Virginia	97.4	97.4	86.0	94.2	71.8	83.0	97.3	61.7	84.3
Nationwide	88.0	84.2	80.7	81.3	64.8	71.1	86.1	44.6	72.2
Range	39.7-100.0	41.7-97.4	34.1-99.0	25.6-97.1	21.6-95.0	23.9-94.7	32.5-99.0	5.7-79.8	23.7-94.0
DISTRICT SURVEYS									
Albuquerque, NM	100.0	100.0	100.0	93.8	87.5	93.8	100.0	80.0	97.1
Boston, MA	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	57.3
Broward County, FL	81.7	77.1	77.1	81.0	81.7	78.0	78.0	63.0	76.0
Chicago, IL	95.3	90.5	92.9	95.3	92.9	95.3	92.9	81.5	86.4
Cleveland, OH	86.7	93.3	86.7	83.3	83.3	83.3	90.0	67.9	53.3
District of Columbia	100.0	94.4	100.0	100.0	100.0	93.3	100.0	87.6	81.3
Duval County, FL	100.0	100.0	100.0	87.5	82.5	87.5	95.0	77.5	97.1
Eaton Consortium, MI	100.0	100.0	100.0	100.0	66.7	66.7	100.0	41.7	100.0
Fort Worth, TX	100.0	100.0	88.4	84.2	94.7	94.7	100.0	77.9	84.2
Gaston County, NC	100.0	100.0	100.0	87.5	75.0	87.5	100.0	62.5	100.0
Genesee Consortium, MI	100.0	100.0	91.7	91.7	83.3	91.7	100.0	66.7	75.0
Hillsborough County, FL	96.0	91.9	91.9	91.9	91.9	80.0	100.0	63.9	53.4
Houston, TX	96.3	92.8	96.3	96.3	85.0	88.8	96.3	81.6	74.6
Los Angeles, CA	100.0	100.0	95.5	95.5	97.8	100.0	100.0	86.7	94.6
Nashville, TN	85.7	85.7	85.7	85.7	85.7	85.7	85.7	42.9	29.8
New York City, NY	94.8	93.1	93.5	92.0	90.5	86.8	94.4	76.7	84.2
Newark, NJ	100.0	100.0	100.0	90.7	90.7	100.0	100.0	59.2	45.1
Oakland, CA	93.4	86.8	93.4	93.4	93.4	93.4	93.4	80.3	95.8
Orange County, FL	100.0	100.0	100.0	100.0	44.0	37.7	44.0	37.7	100.0
Palm Beach County, FL	100.0	95.2	100.0	95.2	100.0	100.0	100.0	81.0	100.0
Pasco County, FL	100.0	100.0	100.0	100.0	90.9	90.9	100.0	72.7	100.0
Philadelphia, PA	93.0	86.7	93.0	89.1	94.8	90.9	92.9	80.1	76.5
Portland, OR	100.0	88.9	100.0	100.0	100.0	100.0	100.0	88.9	92.9
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.4	100.0
San Francisco, CA	100.0	92.0	100.0	92.6	100.0	100.0	92.6	83.5	92.6
Seattle, WA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.9	100.0
Shelby County, TN	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.9	71.2
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	50.0	100.0	100.0	50.0	93.3
Median	100.0	97.6	100.0	93.6	90.8	92.5	100.0	77.7	89.5
Range	73.9-100.0	73.9-100.0	73.9-100.0	73.9-100.0	44.0-100.0	37.7-100.0	44.0-100.0	37.7-90.9	29.8-100.0
TERRITORIAL SURVEY									
Puerto Rico	98.2	96.4	76.6	82.5	78.8	89.2	94.6	54.4	88.3

* Survey did not include schools from Chicago Public Schools.

TABLE 14. Percentage of Secondary Schools in Which Teachers Assess the Ability of Students to Do Specific Skills in a Required Course Taught in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Comprehend concepts important to prevent HIV, ¹ other STDs, ² and pregnancy	Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	Use interpersonal communication skills to avoid or reduce sexual risk behaviors	Use decision-making skills to prevent HIV, other STDs, and pregnancy	Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	Influence and support others to avoid or reduce sexual risk behaviors	All 7 skills in grades 6, 7, or 8 and grades 9, 10, 11, or 12 (performance measure)
STATE SURVEYS								
Alabama	90.6	89.5	88.1	86.8	89.5	85.5	88.2	35.8
Alaska	48.2	48.2	47.2	45.6	47.0	44.9	45.2	32.6
Arizona	55.3	49.6	47.2	47.8	54.1	54.2	51.9	21.7
Arkansas	92.4	88.8	88.1	87.6	93.2	85.8	87.1	66.1
Connecticut	95.6	90.4	90.8	93.3	94.6	85.1	85.4	56.8
Delaware	95.6	100.0	100.0	100.0	95.1	96.1	95.1	70.0
Florida	79.3	73.9	74.5	74.5	75.5	78.9	77.3	57.5
Georgia	90.1	87.0	81.2	87.1	87.1	86.4	84.2	54.2
Hawaii	81.0	75.1	79.1	74.8	81.0	71.1	72.9	46.0
Idaho	87.7	80.4	81.7	85.1	88.9	81.6	82.6	42.5
Illinois [†]	98.2	91.9	91.9	95.5	97.3	91.0	92.0	61.4
Indiana	92.6	90.8	88.8	92.9	91.9	89.7	89.5	57.8
Iowa	80.1	78.2	72.8	78.5	79.3	76.8	73.7	54.6
Kansas	82.9	82.9	74.9	81.1	84.6	82.9	81.9	46.8
Kentucky	89.5	89.7	88.6	88.6	89.7	86.6	86.6	50.1
Louisiana	60.9	56.8	49.7	56.6	56.6	56.6	50.3	20.6
Maine	94.8	91.2	89.8	92.2	93.4	85.0	87.3	62.5
Maryland	96.9	98.0	96.9	99.0	96.0	96.9	95.0	84.3
Massachusetts	85.0	79.7	82.5	83.1	83.8	79.5	78.9	52.4
Michigan	94.8	89.1	90.2	92.6	91.8	88.1	89.3	58.7
Minnesota	91.7	90.4	91.0	90.5	93.0	84.0	86.2	58.2
Mississippi	85.8	84.0	78.3	86.7	85.8	84.7	81.9	52.0
Missouri	88.7	90.4	81.8	87.6	84.9	84.7	81.0	49.2
Montana	84.3	79.7	77.5	82.1	83.2	73.8	78.6	51.8
Nebraska	78.6	75.1	76.8	76.1	77.8	68.3	72.5	39.4
Nevada	91.6	86.3	86.5	88.1	88.1	82.8	82.8	67.5
New Hampshire	94.9	94.9	90.0	96.7	95.0	91.7	88.3	57.9
New Mexico	87.7	87.8	86.6	87.7	88.7	87.8	85.6	65.9
New York	98.2	96.5	97.0	95.3	97.0	93.2	95.2	80.4
North Carolina	83.2	81.4	75.8	79.8	77.1	79.2	73.0	58.5
North Dakota	71.8	73.7	67.1	70.7	72.9	71.5	70.4	42.1
Ohio	94.0	87.0	87.9	91.0	93.6	90.3	87.1	55.2
Oklahoma	37.8	40.0	37.8	29.5	35.6	27.3	35.6	35.2
Oregon	92.0	89.6	90.1	92.0	92.0	88.8	87.6	62.3
Pennsylvania	87.5	84.9	83.9	82.7	86.9	79.2	79.9	47.2
Rhode Island	92.9	90.6	90.8	88.4	88.4	92.5	88.1	65.6
South Carolina	89.6	89.6	89.6	89.7	91.1	87.0	88.4	57.1
Tennessee	89.3	85.3	84.3	86.2	88.3	83.3	83.3	55.2
Texas	69.9	64.8	63.1	67.3	69.2	64.8	65.5	54.4
Utah	89.1	83.6	77.3	85.5	87.5	89.1	83.6	52.6
Vermont	93.3	79.9	88.6	91.1	84.4	77.7	73.2	36.5

TABLE 14. Percentage of Secondary Schools in Which Teachers Assess the Ability of Students to Do Specific Skills in a Required Course Taught in Any of Grades 9, 10, 11 or 12 During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Comprehend concepts important to prevent HIV,* other STDs,† and pregnancy	Analyze the influence of family, peers, culture, media, technology, and other factors on sexual risk behaviors	Access valid information, products, and services to prevent HIV, other STDs, and pregnancy	Use interpersonal communication skills to avoid or reduce sexual risk behaviors	Use decision-making skills to prevent HIV, other STDs, and pregnancy	Set personal goals that enhance health, take steps to achieve these goals, and monitor progress in achieving them	Influence and support others to avoid or reduce sexual risk behaviors	All 7 skills in grades 6, 7, or 8 and grades 9, 10, 11, or 12 (performance measure)
Virginia	77.7	70.1	74.4	76.2	76.7	73.9	71.0	52.5
Washington	93.3	87.4	86.4	91.7	91.4	89.2	84.7	58.2
West Virginia	100.0	97.4	94.8	94.8	97.4	97.4	91.6	68.5
Nationwide	85.9	83.5	81.7	83.8	85.0	81.5	81.0	57.7
Range	37.8-100.0	40.0-100.0	37.8-100.0	29.5-100.0	35.6-97.4	27.3-97.4	35.6-95.2	20.6-84.3
DISTRICT SURVEYS								
Albuquerque, NM	93.8	93.8	93.8	93.8	93.8	87.5	87.5	80.4
Boston, MA	77.5	77.5	77.5	77.5	77.5	77.5	77.5	55.1
Broward County, FL	78.0	70.6	70.6	74.3	74.3	70.6	69.8	51.1
Chicago, IL	91.2	95.6	91.2	91.2	93.4	93.4	91.2	75.6
Cleveland, OH	93.5	87.1	90.3	93.5	96.8	87.1	87.1	41.6
District of Columbia	100.0	100.0	94.4	100.0	100.0	100.0	100.0	76.1
Duval County, FL	100.0	100.0	100.0	95.2	100.0	95.2	88.1	91.3
Eaton Consortium, MI	100.0	85.7	85.7	85.7	85.7	85.7	85.7	75.0
Fort Worth, TX	100.0	100.0	100.0	100.0	100.0	94.7	100.0	81.5
Gaston County, NC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.3
Genesee Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0	91.7	62.5
Hillsborough County, FL	100.0	91.2	91.2	91.2	95.6	86.8	86.8	42.6
Houston, TX	96.3	96.3	96.3	92.8	96.3	92.8	96.3	62.2
Los Angeles, CA	100.0	100.0	95.6	100.0	100.0	100.0	97.8	85.4
Nashville, TN	85.7	85.7	85.7	85.7	85.7	85.7	85.7	29.8
New York City, NY	94.0	91.7	93.3	92.7	93.4	90.0	91.2	74.2
Newark, NJ	100.0	100.0	90.7	100.0	100.0	81.5	100.0	42.3
Oakland, CA	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.3
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	31.7
Palm Beach County, FL	100.0	95.2	100.0	95.2	100.0	90.5	95.2	84.3
Pasco County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.5
Philadelphia, PA	93.5	93.5	93.5	93.5	93.5	93.5	93.5	67.0
Portland, OR	100.0	100.0	100.0	100.0	100.0	100.0	100.0	92.4
San Diego, CA	100.0	100.0	100.0	100.0	100.0	95.2	100.0	92.6
San Francisco, CA	100.0	100.0	100.0	100.0	100.0	94.6	100.0	81.8
Seattle, WA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0
Shelby County, TN	100.0	100.0	100.0	100.0	100.0	94.7	100.0	65.2
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3
Median	100.0	100.0	95.9	97.6	100.0	94.1	95.7	75.8
Range	77.5-100.0	70.6-100.0	70.6-100.0	74.3-100.0	74.3-100.0	70.6-100.0	69.8-100.0	29.8-95.5
TERRITORIAL SURVEY								
Puerto Rico	92.9	92.9	87.1	94.4	96.4	89.5	92.7	65.3

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 15. Percentage of Secondary Schools in Which Teachers Provided Students the Opportunity to Practice Specific Skills in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Communication, decision-making, goal-setting, or refusal skills related to sexual health	Analyzing the influence of family, media, and culture on sexual health	Accessing valid sexual health information, products, and services
STATE SURVEYS			
Alabama	53.2	59.7	56.3
Alaska	47.3	52.6	42.7
Arizona	26.7	28.9	23.3
Arkansas	73.1	80.8	71.6
Connecticut	71.1	73.4	74.2
Delaware	69.6	75.8	76.0
Florida	58.7	57.1	55.8
Georgia	62.6	64.2	54.7
Hawaii	68.4	66.8	60.6
Idaho	69.6	66.2	57.6
Illinois*	71.6	76.3	68.3
Indiana	68.6	68.8	59.7
Iowa	68.0	71.5	66.4
Kansas	56.5	68.4	57.3
Kentucky	59.5	60.4	54.9
Louisiana	34.9	37.6	30.3
Maine	72.0	72.1	69.7
Maryland	89.1	88.6	85.2
Massachusetts	64.2	66.7	65.3
Michigan	63.7	65.1	58.4
Minnesota	82.8	83.5	82.0
Mississippi	61.3	64.8	55.4
Missouri	66.8	73.5	64.3
Montana	66.9	69.7	62.8
Nebraska	65.3	70.2	64.8
Nevada	68.0	65.8	66.5
New Hampshire	72.6	73.6	66.8
New Mexico	72.5	74.6	68.8
New York	82.0	85.3	85.8
North Carolina	69.6	68.3	63.1
North Dakota	67.8	76.9	65.6
Ohio	66.3	68.1	65.8
Oklahoma	31.2	36.2	29.1
Oregon	72.2	76.2	74.5
Pennsylvania	62.8	61.9	58.0
Rhode Island	74.8	77.9	75.0
South Carolina	64.9	67.6	59.1
Tennessee	46.2	51.4	43.8
Texas	57.4	59.9	49.2
Utah	80.1	77.5	57.0
Vermont	71.5	69.6	75.4

TABLE 15. Percentage of Secondary Schools in Which Teachers Provided Students the Opportunity to Practice Specific Skills in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Communication, decision-making, goal-setting, or refusal skills related to sexual health	Analyzing the influence of family, media, and culture on sexual health	Accessing valid sexual health information, products, and services
Virginia	52.2	57.1	47.4
Washington	72.1	67.0	68.9
West Virginia	71.1	76.1	73.8
Nationwide	66.1	67.8	62.9
Range	26.7-89.1	28.9-88.6	23.3-85.8
DISTRICT SURVEYS			
Albuquerque, NM	97.9	88.9	88.9
Boston, MA	61.9	64.8	63.3
Broward County, FL	61.3	54.5	54.4
Chicago, IL	80.0	80.8	75.6
Cleveland, OH	44.2	47.4	45.3
District of Columbia	74.5	76.8	76.8
Duval County, FL	95.3	96.7	92.8
Eaton Consortium, MI	90.9	90.9	81.8
Fort Worth, TX	94.4	94.4	89.7
Gaston County, NC	90.5	90.5	81.0
Genesee Consortium, MI	73.7	78.9	68.4
Hillsborough County, FL	51.4	45.6	42.9
Houston, TX	74.8	70.5	71.9
Los Angeles, CA	82.5	87.3	84.5
Nashville, TN	28.8	28.2	25.0
New York City, NY	80.2	80.5	77.3
Newark, NJ	51.8	53.1	41.7
Oakland, CA	80.4	69.0	81.4
Orange County, FL	100.0	31.2	98.3
Palm Beach County, FL	83.0	81.2	77.8
Pasco County, FL	82.1	92.9	71.4
Philadelphia, PA	62.0	68.5	65.6
Portland, OR	100.0	96.9	100.0
San Diego, CA	98.2	96.3	94.5
San Francisco, CA	85.7	82.0	89.0
Seattle, WA	100.0	92.6	96.2
Shelby County, TN	66.6	68.6	64.9
Spartanburg Consortium, SC	88.9	83.3	83.3
Median	81.3	80.6	77.5
Range	28.8-100.0	28.2-96.9	25.0-100.0
TERRITORIAL SURVEY			
Puerto Rico	72.6	73.5	56.9

* Survey did not include schools from Chicago Public Schools.

TABLE 16. Percentage of Secondary Schools That Implemented Inclusive Practices When Providing Sexual Health Education, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	Provided curricula or supplementary materials that include HIV, STD, or pregnancy prevention information relevant to LGBTQ youth	Teacher practices when providing sexual health education in a required course during the current school year				
		Encouraged use of gender-neutral pronouns such as “they/them” during instruction to recognize gender diversity among students	Provided positive examples of lesbian, gay, bisexual, or transgender (LGBT) people and same-sex relationships	Encouraged students to respect others’ sexual and gender identities	Provided students with information about LGBT resources within the school	Identified additional LGBT resources available in the community or online
STATE SURVEYS						
Alabama	39.4	36.5	28.2	59.7	32.7	30.4
Alaska	36.9	24.9	24.8	57.3	23.8	21.3
Arizona	23.4	33.1	35.1	52.2	34.5	27.2
Arkansas	46.3	37.8	34.3	66.0	36.5	31.0
Connecticut	62.4	67.4	64.4	89.4	69.9	55.9
Delaware	46.2	56.0	61.2	84.3	61.3	61.8
Florida	53.2	55.3	50.7	71.3	59.2	46.9
Georgia	37.0	27.6	29.2	69.2	28.8	19.5
Hawaii	53.9	53.9	45.4	77.3	39.9	37.4
Idaho	39.2	35.1	21.7	68.6	21.4	15.5
Illinois*	54.7	51.0	45.3	83.0	50.4	37.6
Indiana	38.0	35.8	24.1	73.5	30.4	23.0
Iowa	56.1	38.7	35.4	74.7	39.7	31.6
Kansas	34.6	29.5	21.7	65.2	26.1	16.5
Kentucky	43.1	33.5	31.0	70.0	33.6	28.4
Louisiana	21.7	35.4	28.2	53.5	24.4	21.9
Maine	64.2	67.2	59.6	92.6	64.3	58.8
Maryland	65.7	68.2	57.1	87.9	61.9	55.8
Massachusetts	65.8	73.9	74.6	89.4	76.9	69.5
Michigan	47.6	45.2	36.4	69.7	35.5	26.2
Minnesota	57.0	63.1	49.0	90.8	56.1	45.2
Mississippi	30.3	29.9	27.4	63.2	25.7	23.6
Missouri	46.5	33.8	31.9	76.8	34.1	21.5
Montana	37.3	46.0	39.0	79.9	35.0	30.1
Nebraska	40.4	31.6	27.8	65.5	30.1	27.1
Nevada	53.0	51.5	47.6	84.1	44.0	39.0
New Hampshire	59.3	54.7	58.5	84.3	59.6	45.3
New Mexico	60.3	63.0	62.6	86.6	65.8	62.3
New York	73.4	78.6	83.5	93.6	82.2	75.9
North Carolina	43.4	37.5	35.7	64.0	36.6	34.7
North Dakota	44.7	42.3	34.0	73.1	38.4	27.1
Ohio	39.8	46.4	38.0	80.1	40.2	33.6
Oklahoma	33.2	27.4	22.1	44.2	24.7	18.9
Oregon	77.0	66.9	61.6	88.5	67.6	58.8
Pennsylvania	46.8	48.0	48.0	81.3	45.5	37.2
Rhode Island	66.4	72.5	72.7	92.9	77.3	73.7
South Carolina	34.7	40.2	22.8	64.6	25.2	17.9
Tennessee	35.2	34.0	28.7	55.4	34.7	29.5
Texas	35.0	39.5	36.2	60.3	38.5	32.8
Utah	36.1	45.5	15.9	75.8	29.1	17.9
Vermont	72.4	73.3	77.3	89.5	76.6	66.8

TABLE 16. Percentage of Secondary Schools That Implemented Inclusive Practices When Providing Sexual Health Education, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	Provided curricula or supplementary materials that include HIV, STD, or pregnancy prevention information relevant to LGBTQ youth	Teacher practices when providing sexual health education in a required course during the current school year				
		Encouraged use of gender-neutral pronouns such as “they/them” during instruction to recognize gender diversity among students	Provided positive examples of lesbian, gay, bisexual, or transgender (LGBT) people and same-sex relationships	Encouraged students to respect others’ sexual and gender identities	Provided students with information about LGBT resources within the school	Identified additional LGBT resources available in the community or online
Virginia	46.1	41.5	31.6	61.7	36.5	36.0
Washington	66.4	63.5	56.6	82.0	66.1	55.9
West Virginia	43.3	39.3	34.9	71.0	33.8	22.5
Nationwide	50.9	52.6	48.4	77.2	50.6	42.9
Range	21.7-77.0	24.9-78.6	15.9-83.5	44.2-93.6	21.4-82.2	15.5-75.9
DISTRICT SURVEYS						
Albuquerque, NM	60.1	82.2	74.7	95.3	90.2	70.0
Boston, MA	66.1	76.3	76.2	83.7	80.1	78.3
Broward County, FL	71.8	73.1	66.4	86.3	76.7	69.3
Chicago, IL	77.7	83.1	81.1	90.6	82.1	77.5
Cleveland, OH	38.9	45.6	45.6	60.3	42.6	42.6
District of Columbia	72.1	78.6	78.1	83.3	72.9	66.2
Duval County, FL	89.6	82.9	82.4	100.0	89.7	78.1
Eaton Consortium, MI	90.9	80.0	55.0	80.0	80.0	52.9
Fort Worth, TX	61.9	78.8	70.7	94.2	75.5	68.3
Gaston County, NC	26.3	29.4	23.5	70.6	29.4	29.4
Genesee Consortium, MI	60.5	53.1	46.9	78.1	59.4	46.9
Hillsborough County, FL	48.5	60.8	56.0	80.4	60.3	42.6
Houston, TX	76.5	70.7	64.0	81.6	64.0	65.8
Los Angeles, CA	89.8	88.8	89.9	97.7	88.6	83.2
Nashville, TN	15.8	53.7	53.7	53.7	48.3	57.4
New York City, NY	75.7	76.1	78.0	90.8	80.4	74.5
Newark, NJ	29.1	39.5	49.2	68.5	42.0	45.8
Oakland, CA	96.3	92.1	92.1	92.1	89.0	89.0
Orange County, FL	100.0	93.9	43.8	70.6	93.9	48.6
Palm Beach County, FL	100.0	100.0	98.2	100.0	100.0	92.2
Pasco County, FL	37.0	59.1	63.6	86.4	57.1	45.5
Philadelphia, PA	60.3	67.4	65.0	81.5	66.1	62.9
Portland, OR	97.3	100.0	93.0	100.0	100.0	90.0
San Diego, CA	98.1	98.1	100.0	100.0	98.1	98.1
San Francisco, CA	96.9	96.5	96.5	96.5	96.7	90.2
Seattle, WA	88.5	96.3	100.0	100.0	100.0	100.0
Shelby County, TN	59.4	54.5	54.4	71.0	46.4	48.8
Spartanburg Consortium, SC	61.1	42.9	35.7	78.6	42.9	42.9
Median	72.0	77.5	68.5	85.0	78.4	67.2
Range	15.8-100.0	29.4-100.0	23.5-100.0	53.7-100.0	29.4-100.0	29.4-100.0
TERRITORIAL SURVEY						
Puerto Rico	35.3	53.2	57.2	89.3	35.3	25.5

* Survey did not include schools from Chicago Public Schools.

TABLE 17a. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Benefits of healthy eating	Benefits of drinking plenty of water	Benefits of eating breakfast every day	Food guidance using the current Dietary Guidelines for Americans	Using food labels	Differentiating between nutritious and non-nutritious beverages	Balancing food intake and physical activity
STATE SURVEYS							
Alabama	89.5	89.5	88.3	83.6	83.9	86.0	87.7
Alaska	86.2	86.1	78.0	75.3	73.5	79.2	83.5
Arizona	69.4	71.3	68.0	60.6	58.0	63.2	66.1
Arkansas	99.0	99.0	97.4	94.5	96.0	98.1	98.4
Connecticut	95.4	94.8	91.1	86.7	89.1	91.7	93.1
Delaware	97.9	97.8	97.8	97.9	93.2	95.7	95.7
Florida	86.6	86.3	84.1	78.5	77.1	79.9	83.6
Georgia	95.2	95.1	95.2	83.9	85.5	89.0	93.7
Hawaii	88.8	89.8	79.0	77.9	80.2	82.2	84.6
Idaho	95.6	94.7	92.7	87.3	92.7	91.4	93.8
Illinois*	95.9	95.9	93.0	87.3	89.0	89.5	92.7
Indiana	93.2	93.2	91.1	87.9	87.5	89.0	91.1
Iowa	95.1	93.9	91.3	87.6	85.0	87.9	89.6
Kansas	90.5	91.6	86.8	80.9	81.2	87.0	90.1
Kentucky	89.8	89.8	88.0	87.2	86.2	85.3	88.3
Louisiana	90.9	90.9	90.8	85.2	83.2	86.8	89.5
Maine	92.9	94.0	89.7	86.0	85.1	86.9	89.9
Maryland	92.3	90.2	87.4	89.7	88.0	86.8	90.6
Massachusetts	88.4	88.4	85.7	79.5	82.0	82.8	85.0
Michigan	91.1	90.4	87.5	87.6	86.4	87.9	90.0
Minnesota	95.9	95.5	91.9	89.9	92.0	92.8	95.0
Mississippi	91.1	91.1	88.9	85.9	87.8	87.0	91.1
Missouri	97.5	97.5	93.3	94.4	94.7	94.8	97.1
Montana	96.7	96.1	94.7	92.2	89.6	94.7	94.3
Nebraska	98.1	98.1	95.7	95.2	96.1	94.8	95.7
Nevada	92.1	91.9	89.1	87.8	90.7	90.5	91.4
New Hampshire	97.1	97.1	95.9	93.6	91.8	91.7	94.7
New Mexico	93.0	93.5	91.1	89.2	88.6	88.2	92.4
New York	98.5	97.9	97.1	94.8	92.5	95.8	95.4
North Carolina	95.0	94.2	90.6	90.3	88.9	91.7	93.1
North Dakota	95.5	97.0	91.2	87.7	90.7	92.4	92.2
Ohio	90.7	90.4	87.8	85.1	81.4	86.7	89.2
Oklahoma	64.9	64.9	60.4	54.1	52.8	59.0	60.7
Oregon	91.7	89.8	83.2	85.2	84.5	85.9	89.9
Pennsylvania	88.1	87.4	85.9	83.3	84.9	84.6	85.9
Rhode Island	89.5	89.5	88.4	82.7	85.0	88.2	89.5
South Carolina	76.4	76.4	71.2	68.9	68.4	70.7	75.7
Tennessee	86.9	87.2	83.3	79.0	77.5	80.9	85.9
Texas	85.6	85.5	81.6	79.7	79.7	81.2	85.2
Utah	96.5	95.7	92.3	94.7	95.7	91.2	96.5

TABLE 17a. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Benefits of healthy eating	Benefits of drinking plenty of water	Benefits of eating breakfast every day	Food guidance using the current Dietary Guidelines for Americans	Using food labels	Differentiating between nutritious and non-nutritious beverages	Balancing food intake and physical activity
Vermont	91.6	89.7	87.9	83.2	83.4	86.1	89.7
Virginia	94.2	94.9	92.8	90.9	93.0	92.8	93.6
Washington	93.9	93.3	90.4	87.3	89.5	89.6	89.7
West Virginia	98.9	98.9	97.7	97.8	97.8	97.7	98.9
Nationwide	90.7	90.3	88.0	84.4	84.3	86.2	87.8
Range	64.9-99.0	64.9-99.0	60.4-97.8	54.1-97.9	52.8-97.8	59.0-98.1	60.7-98.9
DISTRICT SURVEYS							
Albuquerque, NM	100.0	100.0	95.7	97.8	100.0	95.7	95.2
Boston, MA	61.6	62.6	58.4	51.1	56.3	55.8	57.5
Broward County, FL	73.0	71.4	68.6	60.9	59.6	64.1	71.4
Chicago, IL	94.9	95.4	95.0	90.3	89.5	92.2	92.1
Cleveland, OH	74.1	75.3	70.5	61.4	50.5	67.1	67.9
District of Columbia	91.3	93.5	93.5	84.8	91.3	89.1	93.5
Duval County, FL	100.0	100.0	100.0	100.0	95.7	100.0	100.0
Eaton Consortium, MI	100.0	100.0	90.0	100.0	100.0	80.0	100.0
Fort Worth, TX	100.0	100.0	100.0	100.0	95.3	97.6	100.0
Gaston County, NC	95.2	95.2	76.2	95.2	90.5	90.5	95.2
Genesee Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0	94.7
Hillsborough County, FL	92.7	92.7	91.1	91.1	88.1	89.5	89.5
Houston, TX	97.1	97.1	94.3	87.0	86.8	91.4	97.1
Los Angeles, CA	100.0	100.0	96.2	95.2	98.1	99.0	95.0
Nashville, TN	66.9	70.2	64.8	62.7	64.8	64.8	70.2
New York City, NY	95.4	95.8	92.9	88.5	88.1	92.7	92.4
Newark, NJ	94.2	94.2	94.2	80.8	86.2	89.0	88.7
Oakland, CA	61.2	61.2	42.3	36.2	40.6	38.6	54.7
Orange County, FL	95.8	95.8	88.3	72.8	79.7	88.6	90.9
Palm Beach County, FL	61.8	61.8	56.8	52.6	52.5	52.6	56.7
Pasco County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Philadelphia, PA	92.5	94.1	90.2	87.0	87.8	91.6	91.6
Portland, OR	97.1	86.6	86.3	86.6	90.3	76.6	86.3
San Diego, CA	48.0	45.6	39.5	30.8	35.3	32.5	45.1
San Francisco, CA	81.6	81.6	81.1	67.0	78.0	81.6	78.8
Seattle, WA	96.2	92.3	84.6	88.5	88.5	92.0	96.0
Shelby County, TN	86.8	86.8	86.8	82.3	78.9	86.8	84.4
Spartanburg Consortium, SC	81.3	81.3	81.3	64.7	47.1	75.0	75.0
Median	94.5	93.8	89.1	86.8	88.0	89.1	91.3
Range	48.0-100.0	45.6-100.0	39.5-100.0	30.8-100.0	35.3-100.0	32.5-100.0	45.1-100.0
TERRITORIAL SURVEY							
Puerto Rico	92.7	92.9	92.2	90.5	90.6	89.9	91.6

* Survey did not include schools from Chicago Public Schools.

TABLE 17b. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Eating more fruits, vegetables, and whole grain products	Choosing foods and snacks that are low in solid fat	Choosing foods, snacks, and beverages that are low in added sugars	Choosing foods and snacks that are low in sodium	Eating a variety of foods that are high in calcium	Eating a variety of foods that are high in iron	Food safety	Preparing healthy meals and snacks
STATE SURVEYS								
Alabama	88.9	87.1	88.4	86.5	84.8	84.8	84.1	85.6
Alaska	83.0	73.5	78.3	70.6	66.3	65.4	73.9	70.4
Arizona	67.4	59.5	60.4	53.9	52.1	50.9	50.5	56.1
Arkansas	99.0	96.5	98.0	95.0	93.7	92.4	95.0	95.9
Connecticut	93.6	89.2	90.9	85.1	82.0	78.1	74.9	82.2
Delaware	97.8	95.5	93.5	95.6	90.7	88.8	77.5	86.8
Florida	82.9	77.7	79.8	75.7	75.1	72.2	72.4	75.3
Georgia	93.7	86.4	92.3	87.1	83.5	78.7	81.3	82.6
Hawaii	88.6	79.8	84.2	79.0	71.3	68.4	62.9	74.6
Idaho	92.7	90.4	93.1	87.9	86.7	80.1	85.9	85.3
Illinois*	92.6	87.6	90.5	86.6	84.1	78.1	79.5	82.3
Indiana	92.3	87.0	89.1	85.0	83.9	81.2	80.4	85.6
Iowa	90.1	85.7	87.4	82.3	81.9	78.9	79.7	80.1
Kansas	88.6	83.1	83.2	78.8	79.2	78.2	75.4	81.4
Kentucky	88.1	87.0	87.0	82.5	82.6	79.1	78.7	83.2
Louisiana	89.4	84.7	86.2	83.2	81.8	79.3	81.5	83.8
Maine	90.3	85.4	88.2	83.2	83.3	75.7	72.2	80.0
Maryland	91.2	86.7	88.7	85.5	82.1	79.0	82.6	84.3
Massachusetts	85.8	81.0	82.9	76.8	74.7	69.4	64.9	72.6
Michigan	89.1	86.7	87.5	83.6	82.3	79.7	70.9	80.4
Minnesota	95.1	93.0	93.8	90.5	87.5	84.2	80.9	84.9
Mississippi	90.1	86.6	87.6	85.4	83.9	83.9	85.4	86.5
Missouri	96.3	94.0	95.2	94.1	92.8	91.3	90.2	94.0
Montana	96.1	93.7	95.7	89.4	91.7	87.3	86.9	89.8
Nebraska	97.6	94.2	96.6	91.7	90.2	83.6	89.8	88.9
Nevada	90.7	88.8	87.5	83.9	84.6	78.8	84.3	86.4
New Hampshire	95.9	92.4	94.2	88.4	85.6	83.8	76.6	87.8
New Mexico	93.0	89.1	89.1	85.6	86.1	84.5	83.1	86.6
New York	96.8	94.5	95.8	92.8	91.3	88.9	87.6	92.6
North Carolina	92.1	89.1	89.2	85.9	81.7	81.7	82.6	89.2
North Dakota	94.0	87.9	90.1	85.1	84.6	83.1	82.8	86.9
Ohio	89.3	82.9	85.3	80.3	76.3	73.4	74.1	78.3
Oklahoma	59.4	55.0	58.2	51.6	50.5	50.5	52.9	55.4
Oregon	91.7	83.5	87.6	75.6	77.0	70.2	70.5	76.7
Pennsylvania	87.0	84.6	86.3	82.5	80.0	76.9	74.1	77.2
Rhode Island	88.3	88.3	87.4	86.2	85.0	80.7	76.4	85.0
South Carolina	73.7	67.8	71.3	65.3	59.8	59.8	60.6	64.2
Tennessee	82.6	77.9	80.0	77.4	76.0	73.6	74.4	77.4
Texas	83.1	78.5	80.6	77.2	76.5	74.5	74.2	77.1
Utah	96.5	94.9	93.8	90.5	89.4	87.0	80.9	88.5
Vermont	91.5	79.4	85.0	70.2	70.0	63.4	63.8	73.8

TABLE 17b. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Eating more fruits, vegetables, and whole grain products	Choosing foods and snacks that are low in solid fat	Choosing foods, snacks, and beverages that are low in added sugars	Choosing foods and snacks that are low in sodium	Eating a variety of foods that are high in calcium	Eating a variety of foods that are high in iron	Food safety	Preparing healthy meals and snacks
Virginia	92.8	92.3	93.6	91.3	89.8	89.0	86.4	88.3
Washington	91.4	86.0	90.8	80.2	81.5	76.8	71.0	73.1
West Virginia	98.9	98.9	97.7	95.5	96.6	91.8	88.2	91.9
Nationwide	88.5	84.4	86.5	81.9	79.5	76.8	75.4	80.3
Range	59.4-99.0	55.0-98.9	58.2-98.0	51.6-95.6	50.5-96.6	50.5-92.4	50.5-95.0	55.4-95.9
DISTRICT SURVEYS								
Albuquerque, NM	100.0	97.8	100.0	95.2	93.0	95.2	86.5	93.5
Boston, MA	56.6	56.5	58.0	48.9	48.8	44.5	48.1	55.1
Broward County, FL	71.4	63.7	65.8	60.5	62.3	63.1	58.4	61.8
Chicago, IL	93.6	87.0	88.9	84.7	82.3	80.5	79.1	87.0
Cleveland, OH	72.4	60.7	67.0	53.3	50.0	44.4	50.6	57.3
District of Columbia	91.1	89.1	89.1	89.1	89.1	89.1	84.8	89.1
Duval County, FL	100.0	95.7	100.0	95.7	90.2	87.7	89.4	92.6
Eaton Consortium, MI	100.0	100.0	100.0	90.0	90.0	90.0	80.0	80.0
Fort Worth, TX	100.0	97.7	97.7	97.7	95.3	95.3	96.7	94.4
Gaston County, NC	95.2	85.7	90.5	90.5	76.2	76.2	81.0	90.5
Genesee Consortium, MI	100.0	94.7	100.0	94.7	94.7	94.7	86.8	94.7
Hillsborough County, FL	91.1	87.9	89.5	81.2	81.3	72.4	72.5	79.6
Houston, TX	96.9	94.0	94.0	87.0	86.8	85.2	89.4	90.0
Los Angeles, CA	99.0	97.1	98.1	93.2	90.3	89.2	86.1	93.1
Nashville, TN	64.8	64.8	66.9	64.8	59.6	59.6	57.4	66.9
New York City, NY	92.9	90.5	91.6	87.2	83.9	80.9	81.7	88.3
Newark, NJ	94.2	86.2	91.5	83.6	81.7	79.2	81.1	86.2
Oakland, CA	54.0	46.5	50.1	40.6	41.4	41.4	35.1	38.5
Orange County, FL	91.2	81.8	81.8	77.6	70.7	68.7	63.5	82.7
Palm Beach County, FL	58.8	55.8	55.6	54.7	50.4	44.7	48.5	49.7
Pasco County, FL	100.0	100.0	100.0	100.0	96.2	96.2	92.0	96.2
Philadelphia, PA	92.5	89.4	90.2	85.6	81.1	78.9	80.8	82.8
Portland, OR	97.1	80.5	90.3	76.6	71.8	67.4	59.5	72.6
San Diego, CA	42.8	35.0	35.8	30.1	26.2	24.0	24.1	32.3
San Francisco, CA	77.5	70.0	80.9	73.9	70.3	73.9	59.3	70.0
Seattle, WA	92.3	92.3	92.3	88.5	84.6	84.6	69.2	38.5
Shelby County, TN	84.7	84.7	84.7	84.7	82.6	82.6	85.0	83.0
Spartanburg Consortium, SC	62.5	52.9	58.8	52.9	41.2	47.1	52.9	58.8
Median	92.4	86.6	89.9	84.7	81.5	79.1	79.6	82.8
Range	42.8-100.0	35.0-100.0	35.8-100.0	30.1-100.0	26.2-96.2	24.0-96.2	24.1-96.7	32.3-96.2
TERRITORIAL SURVEY								
Puerto Rico	91.7	90.6	91.3	89.5	85.0	81.7	87.3	86.2

* Survey did not include schools from Chicago Public Schools.

TABLE 17c. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Risks of unhealthy weight control practices	Accepting body size differences	Signs, symptoms, and treatment for eating disorders	Relationship between diet and chronic diseases	Assessing body mass index	Influence of the media on dietary behaviors	Food production	All 22 nutrition and dietary behavior topics
STATE SURVEYS								
Alabama	85.1	81.8	83.2	81.9	81.4	80.5	74.9	69.5
Alaska	70.2	68.2	63.0	67.4	58.5	66.8	55.4	39.0
Arizona	53.1	52.4	43.4	41.5	42.4	49.1	41.7	30.3
Arkansas	98.6	96.6	96.1	95.1	94.3	95.1	88.0	77.4
Connecticut	87.6	86.1	77.2	82.1	65.0	83.4	70.4	44.7
Delaware	91.5	86.3	77.1	79.8	72.6	85.8	72.9	58.3
Florida	79.2	77.2	71.1	72.3	76.2	73.6	64.7	54.7
Georgia	87.3	83.5	81.7	82.9	82.1	81.4	70.9	62.8
Hawaii	69.4	74.7	59.5	69.7	67.0	67.5	56.3	37.1
Idaho	92.0	90.6	87.0	88.6	78.9	90.2	71.7	54.2
Illinois ^a	87.5	89.7	86.9	85.8	76.2	86.6	65.4	54.2
Indiana	87.7	90.2	81.7	84.7	79.8	83.9	67.8	56.1
Iowa	82.1	80.8	80.5	77.7	74.4	82.1	63.9	52.5
Kansas	82.4	78.2	75.4	77.8	71.7	80.6	61.4	47.2
Kentucky	86.1	85.8	80.7	83.5	77.7	82.1	67.8	58.6
Louisiana	83.9	80.1	78.9	81.0	75.4	78.9	72.2	64.8
Maine	79.8	82.9	72.1	79.0	54.1	83.5	61.8	34.7
Maryland	88.9	87.3	87.2	85.5	75.1	88.1	66.3	57.9
Massachusetts	74.5	78.0	68.5	74.1	51.3	76.7	55.4	34.9
Michigan	83.3	84.5	80.5	78.5	69.9	80.8	66.0	49.6
Minnesota	90.0	90.9	94.2	93.0	74.5	90.6	74.9	56.5
Mississippi	86.7	85.8	85.0	85.7	83.8	83.7	76.8	73.7
Missouri	93.6	91.2	90.1	91.2	81.0	93.6	76.1	65.1
Montana	93.3	91.7	90.0	90.3	81.1	92.7	73.0	54.9
Nebraska	92.3	92.2	90.0	83.8	84.2	91.3	78.7	64.6
Nevada	88.1	91.3	87.2	86.3	76.0	89.0	71.3	57.9
New Hampshire	90.1	87.9	83.8	90.1	64.4	90.6	68.0	48.3
New Mexico	85.2	88.2	84.3	86.8	80.0	86.7	79.2	63.6
New York	95.5	94.8	93.8	93.3	84.9	93.9	82.1	69.5
North Carolina	89.6	87.4	87.8	85.8	85.1	87.3	75.1	65.1
North Dakota	89.9	87.0	84.8	84.6	76.1	84.3	75.3	56.8
Ohio	81.0	82.4	75.7	76.8	73.2	81.1	62.9	52.0
Oklahoma	56.6	53.1	47.6	46.9	46.3	49.2	52.8	39.2
Oregon	80.1	85.5	74.9	82.8	61.3	84.0	64.3	41.6
Pennsylvania	82.9	82.5	79.2	81.3	75.7	74.9	57.7	48.8
Rhode Island	87.6	84.1	83.2	85.4	72.7	82.7	67.3	54.7
South Carolina	67.9	68.9	60.2	62.9	71.5	67.8	52.4	44.2
Tennessee	76.4	77.8	70.4	71.9	73.7	75.3	63.6	55.8
Texas	78.2	75.8	74.8	74.8	73.9	75.1	65.5	56.8
Utah	94.9	94.7	95.7	92.3	82.2	94.9	64.3	56.4
Vermont	75.9	76.8	68.5	74.7	43.0	73.8	56.9	23.3

TABLE 17c. Percentage of Secondary Schools in Which Teachers Taught Specific Nutrition and Dietary Behavior Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Risks of unhealthy weight control practices	Accepting body size differences	Signs, symptoms, and treatment for eating disorders	Relationship between diet and chronic diseases	Assessing body mass index	Influence of the media on dietary behaviors	Food production	All 22 nutrition and dietary behavior topics
Virginia	89.6	87.7	85.1	88.1	80.3	88.4	75.5	65.2
Washington	81.7	78.9	70.2	77.3	60.8	80.4	51.9	36.2
West Virginia	97.8	91.8	96.7	91.9	88.5	97.8	82.6	70.6
Nationwide	82.7	81.2	78.3	79.5	73.0	80.7	66.1	53.1
Range	53.1-98.6	52.4-96.6	43.4-96.7	41.5-95.1	42.4-94.3	49.1-97.8	41.7-88.0	23.3-77.4
DISTRICT SURVEYS								
Albuquerque, NM	90.8	97.8	95.2	90.3	76.8	93.0	84.3	68.1
Boston, MA	48.8	56.2	42.1	49.4	37.6	56.9	41.8	28.7
Broward County, FL	64.6	60.8	55.2	63.0	60.5	54.8	53.7	43.0
Chicago, IL	80.9	86.5	73.7	79.7	67.2	81.3	74.6	56.5
Cleveland, OH	63.2	61.4	46.2	53.9	55.1	52.3	47.2	30.0
District of Columbia	89.1	86.5	80.4	84.8	84.8	87.0	75.7	55.7
Duval County, FL	97.9	94.7	94.7	93.4	97.7	90.0	71.3	69.0
Eaton Consortium, MI	100.0	80.0	70.0	80.0	70.0	80.0	60.0	60.0
Fort Worth, TX	94.4	92.0	100.0	96.7	87.3	97.7	81.1	78.6
Gaston County, NC	95.2	95.2	85.7	81.0	61.9	90.5	66.7	42.9
Genesee Consortium, MI	100.0	94.7	100.0	100.0	84.2	100.0	84.2	65.8
Hillsborough County, FL	82.7	79.6	66.0	76.9	81.0	77.6	60.7	50.3
Houston, TX	91.2	91.0	80.8	82.2	88.1	83.7	70.3	61.2
Los Angeles, CA	96.1	95.2	89.1	94.2	90.9	91.9	73.9	65.0
Nashville, TN	66.9	64.8	58.4	61.6	58.2	61.6	44.4	39.8
New York City, NY	89.1	86.8	84.9	84.9	83.0	85.3	77.0	62.3
Newark, NJ	74.5	71.4	66.9	68.8	63.7	68.7	58.8	52.4
Oakland, CA	42.3	34.2	27.7	44.3	37.8	34.0	38.8	14.4
Orange County, FL	81.8	77.2	70.2	77.0	82.3	65.5	49.5	33.0
Palm Beach County, FL	56.9	53.0	45.9	51.5	50.7	53.3	50.3	34.5
Pasco County, FL	100.0	100.0	96.2	96.2	88.5	100.0	76.0	66.7
Philadelphia, PA	84.2	85.6	77.0	80.6	67.7	80.3	74.6	57.2
Portland, OR	72.6	93.2	65.8	76.6	48.9	94.2	84.7	29.7
San Diego, CA	26.3	39.3	28.3	30.1	33.4	30.0	34.8	12.2
San Francisco, CA	70.9	75.9	75.9	73.9	49.5	73.5	74.0	42.9
Seattle, WA	92.3	96.0	42.3	50.0	76.9	92.3	34.6	19.2
Shelby County, TN	84.7	85.0	78.8	82.7	80.8	80.4	80.6	67.2
Spartanburg Consortium, SC	64.7	64.7	41.2	52.9	82.4	70.6	47.1	35.3
Median	83.5	85.3	71.9	78.3	73.4	80.3	68.5	51.3
Range	26.3-100.0	34.2-100.0	27.7-100.0	30.1-100.0	33.4-97.7	30.0-100.0	34.6-84.7	12.2-78.6
TERRITORIAL SURVEY								
Puerto Rico	87.4	83.1	82.1	86.6	68.8	68.5	78.8	51.6

*Survey did not include schools from Chicago Public Schools.

TABLE 18a. Percentage of Secondary Schools in Which Teachers Taught Specific Physical Activity Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Short-term and long-term benefits of physical activity	Mental and social benefits of physical activity	Health-related fitness	Phases of a workout	Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity	Decreasing sedentary activities	Preventing injury during physical activity
STATE SURVEYS							
Alabama	92.9	93.0	93.4	92.8	90.1	92.2	90.2
Alaska	83.7	85.6	80.6	75.5	71.8	78.7	79.8
Arizona	70.5	75.4	75.7	75.5	69.3	70.4	68.2
Arkansas	98.2	98.1	98.1	95.4	94.4	96.1	96.2
Connecticut	95.3	95.4	92.4	88.1	86.3	93.9	86.9
Delaware	95.6	97.7	97.7	88.4	92.5	95.1	91.0
Florida	91.7	92.2	91.9	91.7	89.7	91.7	91.5
Georgia	95.3	97.6	96.5	95.3	95.3	95.0	91.1
Hawaii	89.3	91.7	87.1	85.1	81.6	84.7	83.5
Idaho	95.0	97.5	93.5	90.9	89.9	95.3	90.8
Illinois*	95.8	96.2	96.6	92.7	90.2	95.8	91.5
Indiana	94.2	93.4	92.9	91.0	88.1	92.1	91.6
Iowa	93.6	95.7	92.3	89.1	87.8	93.2	87.9
Kansas	95.8	94.8	96.4	93.6	93.2	91.6	92.7
Kentucky	90.6	91.4	91.1	89.2	88.9	89.2	89.4
Louisiana	93.3	92.7	94.7	93.5	90.5	94.3	93.5
Maine	95.5	94.9	95.3	88.9	88.9	93.5	88.7
Maryland	96.1	96.9	92.9	88.3	90.4	95.8	89.7
Massachusetts	91.6	92.1	88.9	85.0	83.6	88.0	85.1
Michigan	91.0	92.4	91.0	87.2	89.5	91.3	85.7
Minnesota	97.2	98.4	94.1	89.4	90.3	92.0	89.9
Mississippi	95.4	93.9	93.9	92.6	88.4	91.3	93.4
Missouri	97.3	97.3	96.8	94.9	95.0	96.9	96.0
Montana	94.8	97.8	97.8	98.0	95.1	97.7	95.8
Nebraska	96.3	96.3	96.3	91.6	90.8	92.1	91.6
Nevada	94.4	94.4	96.0	87.8	88.8	94.3	90.7
New Hampshire	92.8	95.7	90.0	84.2	84.8	92.3	86.4
New Mexico	94.0	93.3	95.1	90.3	92.9	95.6	90.8
New York	97.9	98.0	96.4	93.5	93.8	98.4	91.9
North Carolina	96.7	96.7	95.4	95.9	92.1	95.5	95.4
North Dakota	95.2	95.1	94.5	93.3	90.8	91.4	92.4
Ohio	91.5	92.6	89.7	87.5	85.7	89.6	84.5
Oklahoma	65.3	62.2	65.3	62.8	63.9	62.9	64.2
Oregon	93.1	94.5	91.0	86.1	84.4	90.6	82.1
Pennsylvania	84.9	85.7	85.5	84.0	82.3	83.1	81.5
Rhode Island	95.7	96.8	95.7	92.5	94.6	94.6	91.4
South Carolina	79.5	79.0	80.6	80.2	77.9	78.6	78.1
Tennessee	90.2	91.3	93.1	93.5	90.8	90.9	92.4
Texas	89.8	88.8	90.8	89.0	86.2	87.9	90.1
Utah	96.6	96.6	93.2	89.9	88.3	95.7	87.0
Vermont	91.6	92.5	92.5	84.8	82.0	86.7	88.7

TABLE 18a. Percentage of Secondary Schools in Which Teachers Taught Specific Physical Activity Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Short-term and long-term benefits of physical activity	Mental and social benefits of physical activity	Health-related fitness	Phases of a workout	Recommended amounts and types of moderate, vigorous, muscle-strengthening, and bone-strengthening physical activity	Decreasing sedentary activities	Preventing injury during physical activity
Virginia	94.5	95.1	95.9	95.7	95.1	95.1	95.3
Washington	92.7	91.3	93.0	89.1	87.5	90.0	85.8
West Virginia	98.8	100.0	98.9	94.3	95.4	98.8	96.5
Nationwide	91.4	92.4	91.5	89.3	88.0	90.7	87.5
Range	65.3-98.8	62.2-100.0	65.3-98.9	62.8-98.0	63.9-95.4	62.9-98.8	64.2-96.5
DISTRICT SURVEYS							
Albuquerque, NM	100.0	97.8	93.0	90.3	95.7	97.8	90.8
Boston, MA	75.1	79.0	75.1	72.2	66.8	67.0	71.7
Broward County, FL	76.8	73.3	78.3	79.3	74.9	74.5	77.9
Chicago, IL	96.8	95.0	95.3	97.7	92.6	92.0	94.0
Cleveland, OH	86.5	80.9	86.5	85.6	87.6	84.4	77.5
District of Columbia	95.1	95.6	95.6	97.8	97.8	97.8	97.8
Duval County, FL	100.0	100.0	100.0	97.9	100.0	100.0	100.0
Eaton Consortium, MI	100.0	100.0	100.0	100.0	100.0	90.9	90.9
Fort Worth, TX	97.7	97.7	97.2	97.2	94.8	97.7	94.8
Gaston County, NC	95.2	90.5	100.0	95.2	85.7	95.2	76.2
Genesee Consortium, MI	100.0	100.0	100.0	100.0	94.7	100.0	89.5
Hillsborough County, FL	98.4	98.4	98.4	98.4	97.1	92.2	96.9
Houston, TX	98.5	96.9	98.5	95.8	96.9	95.6	100.0
Los Angeles, CA	100.0	99.1	96.0	91.0	89.1	98.0	92.0
Nashville, TN	86.0	89.3	89.3	89.3	86.4	83.8	89.3
New York City, NY	94.4	95.3	96.5	95.3	95.5	94.4	94.3
Newark, NJ	86.6	89.1	89.3	89.3	84.0	86.6	86.6
Oakland, CA	58.3	70.0	69.7	75.0	54.4	49.5	58.8
Orange County, FL	97.9	97.9	97.9	97.9	95.8	95.8	97.9
Palm Beach County, FL	80.7	78.7	82.6	80.4	78.7	78.7	80.7
Pasco County, FL	100.0	100.0	100.0	92.3	100.0	100.0	96.3
Philadelphia, PA	89.9	91.9	93.7	90.9	90.1	88.6	87.4
Portland, OR	88.9	92.7	85.9	85.9	80.8	83.5	87.0
San Diego, CA	88.8	86.7	87.0	87.0	83.0	80.4	89.2
San Francisco, CA	86.4	81.9	92.8	87.3	86.7	82.3	83.4
Seattle, WA	96.2	96.2	88.9	88.9	92.6	92.3	88.9
Shelby County, TN	94.2	92.2	94.2	94.2	94.2	94.2	94.2
Spartanburg Consortium, SC	88.9	88.9	88.9	88.9	88.9	88.9	88.9
Median	94.8	93.8	94.0	91.0	91.3	92.1	89.4
Range	58.3-100.0	70.0-100.0	69.7-100.0	72.2-100.0	54.4-100.0	49.5-100.0	58.8-100.0
TERRITORIAL SURVEY							
Puerto Rico	93.1	92.1	80.2	72.8	69.3	93.1	81.4

* Survey did not include schools from Chicago Public Schools.

TABLE 18b. Percentage of Secondary Schools in Which Teachers Taught Specific Physical Activity Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Weather-related safety	Dangers of using performance-enhancing drugs	Increasing daily physical activity	Incorporating physical activity into daily life	Using safety equipment for specific physical activities	Benefits of drinking water before, during, and after physical activity	All 13 physical activity topics
STATE SURVEYS							
Alabama	88.8	83.8	93.0	93.0	88.0	94.2	77.2
Alaska	72.9	61.7	80.9	82.0	72.1	82.6	51.2
Arizona	69.3	47.6	76.0	72.3	64.4	77.2	41.1
Arkansas	95.1	93.9	98.1	97.1	94.6	98.1	85.9
Connecticut	72.5	77.8	96.7	95.0	79.6	90.7	57.3
Delaware	83.2	83.5	97.7	90.6	76.3	97.7	67.2
Florida	90.2	75.5	94.0	93.1	90.8	94.4	71.7
Georgia	84.9	81.0	97.6	96.2	87.1	96.2	70.5
Hawaii	78.0	58.1	88.3	87.2	66.7	89.6	46.6
Idaho	82.9	85.9	97.4	96.7	86.0	92.7	69.2
Illinois*	77.7	85.7	97.6	96.5	88.4	95.6	67.3
Indiana	80.6	82.3	94.6	94.2	88.0	92.9	69.4
Iowa	79.0	78.3	95.6	91.4	82.7	91.9	65.2
Kansas	81.7	77.8	96.9	96.1	91.6	96.7	68.2
Kentucky	78.9	77.0	91.5	89.3	83.6	89.7	70.9
Louisiana	79.9	75.0	95.7	93.6	87.1	94.4	67.1
Maine	71.6	67.1	96.7	92.2	86.5	94.6	55.4
Maryland	85.8	83.7	96.3	94.6	87.2	93.6	70.9
Massachusetts	68.2	70.5	91.9	89.6	78.7	90.5	54.2
Michigan	72.4	75.9	93.8	91.4	78.6	91.1	60.9
Minnesota	83.2	85.7	93.8	93.3	88.3	94.5	70.4
Mississippi	89.6	87.9	94.9	94.4	89.3	96.4	79.9
Missouri	90.6	87.7	96.4	97.3	90.2	97.6	78.6
Montana	91.0	83.2	98.7	95.2	95.2	98.2	73.6
Nebraska	84.6	89.3	95.8	94.5	90.7	95.0	77.5
Nevada	86.9	82.8	95.2	90.0	84.3	93.3	69.3
New Hampshire	79.3	82.3	95.2	92.2	81.7	94.6	61.4
New Mexico	84.2	83.0	95.0	92.8	86.5	95.0	74.5
New York	86.2	90.9	98.4	97.3	90.4	96.8	76.2
North Carolina	86.1	84.6	97.2	95.9	87.9	95.3	73.1
North Dakota	83.3	83.6	96.0	95.3	89.3	95.4	74.0
Ohio	73.4	76.3	93.0	90.4	79.4	91.0	60.7
Oklahoma	64.0	59.4	66.5	63.7	62.8	67.3	51.1
Oregon	71.3	77.7	95.7	91.2	78.4	88.3	60.2
Pennsylvania	73.4	77.4	85.6	83.7	78.6	84.8	66.6
Rhode Island	82.9	80.3	94.5	95.7	88.0	94.7	70.8
South Carolina	64.1	64.7	80.6	79.6	74.4	79.1	56.1
Tennessee	83.5	74.3	93.4	92.0	86.3	92.0	69.6
Texas	87.5	82.3	91.9	90.5	86.4	91.6	72.4
Utah	84.1	83.3	94.1	90.5	83.3	93.9	67.7
Vermont	65.1	66.9	91.5	88.7	77.5	88.6	45.1

TABLE 18b. Percentage of Secondary Schools in Which Teachers Taught Specific Physical Activity Topics in a Required Course During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Weather-related safety	Dangers of using performance-enhancing drugs	Increasing daily physical activity	Incorporating physical activity into daily life	Using safety equipment for specific physical activities	Benefits of drinking water before, during, and after physical activity	All 13 physical activity topics
Virginia	91.6	84.0	95.9	96.8	90.4	95.9	80.4
Washington	72.8	74.2	95.9	91.7	85.9	90.0	60.4
West Virginia	93.0	95.4	97.7	96.8	94.3	96.6	82.9
Nationwide	79.5	78.7	93.2	91.7	83.9	92.1	66.7
Range	64.0-95.1	47.6-95.4	66.5-98.7	63.7-97.3	62.8-95.2	67.3-98.2	41.1-85.9
DISTRICT SURVEYS							
Albuquerque, NM	77.3	88.6	97.8	97.8	88.6	95.7	72.5
Boston, MA	61.3	55.9	74.8	72.9	63.0	76.3	47.5
Broward County, FL	73.7	65.3	83.1	76.9	75.2	84.0	58.1
Chicago, IL	75.7	68.9	97.2	96.7	90.8	97.3	63.9
Cleveland, OH	57.6	45.3	89.8	85.4	74.2	86.7	39.4
District of Columbia	88.9	82.6	95.6	100.0	88.4	97.7	75.1
Duval County, FL	100.0	97.9	100.0	100.0	97.4	100.0	92.9
Eaton Consortium, MI	72.7	90.9	100.0	90.9	100.0	100.0	63.6
Fort Worth, TX	94.8	92.3	100.0	97.2	92.5	97.2	87.3
Gaston County, NC	81.0	76.2	95.2	100.0	81.0	95.2	52.4
Genesee Consortium, MI	81.6	100.0	100.0	94.4	76.3	100.0	76.3
Hillsborough County, FL	98.4	69.9	98.4	95.6	92.6	98.4	68.4
Houston, TX	92.7	89.7	100.0	98.4	92.8	100.0	82.7
Los Angeles, CA	84.4	90.2	97.0	98.1	85.2	98.1	74.9
Nashville, TN	86.4	55.2	86.4	86.4	89.3	89.3	55.2
New York City, NY	84.3	83.0	96.9	94.5	87.4	94.0	75.2
Newark, NJ	71.4	59.3	91.5	89.1	83.6	86.2	54.4
Oakland, CA	49.9	34.4	73.6	65.2	59.9	71.0	31.6
Orange County, FL	97.9	77.1	95.8	97.9	97.9	97.9	77.1
Palm Beach County, FL	76.8	75.2	78.7	80.6	80.7	82.6	68.8
Pasco County, FL	96.3	85.7	100.0	100.0	96.3	100.0	81.5
Philadelphia, PA	73.4	75.0	92.0	90.5	85.9	92.2	64.5
Portland, OR	53.7	79.1	97.0	90.0	87.9	87.3	36.7
San Diego, CA	67.4	56.7	84.9	82.8	80.5	84.8	53.4
San Francisco, CA	76.0	74.3	93.3	93.3	82.6	90.0	64.3
Seattle, WA	77.8	80.8	92.3	92.3	85.2	92.3	77.8
Shelby County, TN	86.5	85.0	94.2	94.2	90.5	92.2	81.0
Spartanburg Consortium, SC	77.8	70.6	88.9	88.9	88.9	88.9	58.8
Median	77.8	76.7	95.4	93.8	87.6	93.1	66.5
Range	49.9-100.0	34.4-100.0	73.6-100.0	65.2-100.0	59.9-100.0	71.0-100.0	31.6-92.9
TERRITORIAL SURVEY							
Puerto Rico	74.0	81.1	92.0	89.5	86.4	93.8	57.5

* Survey did not include schools from Chicago Public Schools.

TABLE 19. Percentage of Secondary Schools in Which Health Education Staff Worked on Health Education Activities with Other School Staff During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Physical education staff	Health services staff	Mental health or social services staff	Nutrition or food service staff	School health council, committee, or team
STATE SURVEYS					
Alabama	80.4	69.6	62.8	49.8	39.6
Alaska	57.6	45.9	54.3	32.7	27.7
Arizona	74.5	61.4	69.8	45.8	49.4
Arkansas	84.9	85.8	68.1	57.8	66.0
Connecticut	92.5	59.9	75.6	25.2	52.0
Delaware	92.0	73.5	72.3	35.7	38.3
Florida	81.7	61.6	70.2	41.9	51.9
Georgia	91.6	76.3	77.8	55.5	59.5
Hawaii	77.6	45.2	59.9	34.2	37.5
Idaho	71.3	54.5	67.2	34.4	41.9
Illinois*	88.6	61.6	74.8	28.5	44.4
Indiana	83.9	65.8	69.7	34.4	49.3
Iowa	77.3	62.8	64.2	36.6	39.9
Kansas	89.0	68.4	65.8	42.3	53.3
Kentucky	94.8	79.0	79.1	54.3	65.3
Louisiana	86.8	69.5	65.3	47.4	54.0
Maine	86.1	75.1	76.1	38.8	50.4
Maryland	90.5	61.7	73.0	31.0	51.4
Massachusetts	87.0	80.6	82.7	41.4	57.5
Michigan	83.8	41.2	67.2	37.6	55.3
Minnesota	91.6	67.8	83.7	36.3	46.9
Mississippi	78.5	78.4	70.1	60.0	68.7
Missouri	87.2	76.1	71.2	41.8	53.8
Montana	84.9	70.2	70.9	40.0	41.0
Nebraska	86.6	70.2	70.5	44.4	48.9
Nevada	74.5	56.9	77.2	23.8	40.5
New Hampshire	89.9	80.5	85.1	52.6	72.3
New Mexico	79.8	75.4	75.9	41.4	53.8
New York	84.1	68.5	86.5	38.9	62.8
North Carolina	94.4	72.4	75.0	43.7	56.4
North Dakota	77.2	46.8	62.1	35.1	45.4
Ohio	90.3	68.9	79.7	39.2	52.7
Oklahoma	80.5	77.3	76.0	68.2	78.4
Oregon	81.0	56.8	76.0	27.9	50.7
Pennsylvania	90.9	74.0	71.3	43.8	56.5
Rhode Island	92.7	78.7	84.2	39.5	55.1
South Carolina	89.3	75.5	62.4	38.4	45.1
Tennessee	90.5	84.4	77.7	63.2	76.2
Texas	81.1	76.9	74.0	58.1	61.8
Utah	86.6	57.0	82.2	29.6	49.8
Vermont	79.3	73.8	76.2	38.6	52.3

TABLE 19. Percentage of Secondary Schools in Which Health Education Staff Worked on Health Education Activities with Other School Staff During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Physical education staff	Health services staff	Mental health or social services staff	Nutrition or food service staff	School health council, committee, or team
Virginia	95.0	75.4	79.4	42.6	59.0
Washington	82.1	67.1	76.8	26.8	42.2
West Virginia	89.8	80.5	77.9	53.3	62.4
Nationwide	84.6	69.9	75.9	43.8	55.1
Range	57.6-95.0	41.2-85.8	54.3-86.5	23.8-68.2	27.7-78.4
DISTRICT SURVEYS					
Albuquerque, NM	71.2	71.2	75.6	27.7	55.9
Boston, MA	81.2	83.0	78.9	40.2	65.3
Broward County, FL	63.5	45.2	52.7	29.7	38.6
Chicago, IL	94.0	84.3	89.7	64.7	78.8
Cleveland, OH	71.9	56.3	58.7	40.6	34.9
District of Columbia	88.6	58.7	83.7	47.8	53.3
Duval County, FL	95.1	69.2	68.7	35.9	50.9
Eaton Consortium, MI	100.0	69.2	84.6	53.8	84.6
Fort Worth, TX	89.8	75.8	80.5	36.3	62.3
Gaston County, NC	100.0	58.8	52.9	5.9	23.5
Genesee Consortium, MI	63.6	63.6	63.6	54.5	45.5
Hillsborough County, FL	80.4	63.6	52.8	35.6	34.2
Houston, TX	98.4	86.1	85.0	73.7	72.9
Los Angeles, CA	61.6	48.7	85.0	32.0	41.9
Nashville, TN	80.0	64.6	69.4	50.1	63.4
New York City, NY	85.0	66.5	73.4	41.4	55.3
Newark, NJ	93.4	90.6	93.4	49.1	55.3
Oakland, CA	39.9	64.3	59.3	22.8	32.9
Orange County, FL	83.6	59.8	80.1	48.9	62.9
Palm Beach County, FL	65.4	56.6	77.4	34.0	48.4
Pasco County, FL	87.5	54.2	58.3	20.8	20.8
Philadelphia, PA	95.0	77.7	70.6	54.6	49.6
Portland, OR	79.5	42.9	87.3	14.6	30.1
San Diego, CA	51.3	60.8	52.0	13.1	35.0
San Francisco, CA	57.0	78.2	68.0	44.4	48.7
Seattle, WA	81.5	96.3	100.0	51.9	66.7
Shelby County, TN	95.7	77.3	89.2	67.6	81.8
Spartanburg Consortium, SC	91.7	83.3	66.7	41.7	50.0
Median	82.5	65.5	74.5	41.0	50.4
Range	39.9-100.0	42.9-96.3	52.0-100.0	5.9-73.7	20.8-84.6
TERRITORIAL SURVEY					
Puerto Rico	82.0	85.1	87.7	69.9	55.8

* Survey did not include schools from Chicago Public Schools.

TABLE 20. Percentage of Secondary Schools That Provided Parents and Families with Health Information on Specific Topics Designed to Increase Parent and Family Knowledge During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	HIV, ^a other STD, ^b or pregnancy prevention	Tobacco-use prevention	Alcohol- or other drug-use prevention	Physical activity	Nutrition and healthy eating	Asthma	Food allergies	Diabetes	Preventing student bullying and sexual harassment
STATE SURVEYS									
Alabama	32.8	49.5	50.7	52.2	52.3	39.7	42.1	43.0	68.8
Alaska	15.1	34.4	31.1	37.4	35.1	10.3	21.4	18.5	43.4
Arizona	12.0	27.1	27.1	43.9	40.8	21.1	27.0	21.6	55.6
Arkansas	41.5	62.1	60.5	58.3	60.5	44.5	52.1	47.1	76.4
Connecticut	20.3	41.1	38.8	50.1	47.4	20.8	35.3	22.3	62.3
Delaware	35.7	50.4	50.2	53.0	44.0	33.3	39.1	34.3	64.6
Florida	26.3	39.8	35.5	46.2	44.0	24.5	30.5	27.2	62.7
Georgia	23.5	36.2	36.1	49.8	40.5	33.5	35.4	29.8	55.8
Hawaii	26.5	42.5	30.9	40.0	47.4	15.4	21.6	15.8	67.5
Idaho	19.2	32.7	27.3	28.7	30.9	13.6	19.1	17.7	45.8
Illinois ^c	27.0	41.9	40.2	45.8	41.1	27.9	36.5	29.5	62.1
Indiana	24.5	35.4	30.6	38.2	40.0	22.0	28.9	23.9	58.9
Iowa	17.4	35.1	31.1	37.9	37.0	15.9	29.6	20.5	51.3
Kansas	20.6	43.8	37.6	40.4	40.5	17.0	25.1	20.5	61.6
Kentucky	25.1	52.4	48.0	49.3	53.5	29.1	37.9	29.9	74.9
Louisiana	12.3	36.2	41.0	42.1	44.8	28.3	39.0	32.5	61.3
Maine	19.3	42.2	37.1	46.1	46.6	15.2	28.2	17.1	51.9
Maryland	41.5	44.6	46.4	49.8	48.3	24.2	33.0	31.1	64.9
Massachusetts	29.3	56.8	52.1	47.5	47.2	25.2	41.1	25.7	67.5
Michigan	41.7	37.4	33.4	44.1	44.9	17.4	27.4	20.8	56.9
Minnesota	25.4	47.2	39.1	40.5	41.4	21.2	32.3	20.6	57.2
Mississippi	31.1	53.0	49.0	53.4	52.6	41.7	44.7	40.8	65.0
Missouri	28.3	35.2	32.6	40.6	46.2	25.8	36.0	26.9	63.1
Montana	15.1	36.3	29.1	32.5	35.4	13.0	23.5	20.1	58.1
Nebraska	22.4	38.4	40.2	41.6	43.8	25.4	36.1	29.8	59.5
Nevada	30.0	32.4	29.4	37.5	33.4	29.5	36.8	27.2	60.9
New Hampshire	31.6	53.8	50.7	49.3	56.6	24.5	42.7	29.1	70.8
New Mexico	33.8	49.7	47.4	51.9	52.3	35.2	41.3	38.6	69.7
New York	47.6	61.1	59.6	60.5	61.8	40.1	50.4	46.9	76.0
North Carolina	28.8	33.7	32.0	45.7	40.9	31.0	32.2	28.8	56.6
North Dakota	23.4	51.7	50.7	45.1	41.4	19.9	31.5	21.9	61.7
Ohio	28.0	41.2	37.8	45.9	46.8	24.9	36.5	25.3	65.9
Oklahoma	35.1	48.7	46.5	48.6	50.3	36.3	43.8	43.0	60.0
Oregon	35.9	36.2	37.1	41.9	44.2	20.6	26.8	22.5	51.8
Pennsylvania	19.5	43.4	43.3	39.1	40.0	24.2	35.1	21.1	59.2
Rhode Island	30.0	52.1	51.7	56.7	51.2	40.6	50.7	38.9	63.2
South Carolina	27.7	32.7	31.4	43.2	36.0	21.6	28.8	23.2	58.2
Tennessee	26.4	48.5	44.7	60.1	54.9	36.5	43.3	37.1	67.0
Texas	33.5	46.8	45.8	49.3	52.9	38.3	39.9	43.2	64.0
Utah	22.7	33.5	38.2	32.2	32.9	17.0	21.3	24.5	59.0

TABLE 20. Percentage of Secondary Schools That Provided Parents and Families with Health Information on Specific Topics Designed to Increase Parent and Family Knowledge During the Current School Year, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	HIV,* other STD,† or pregnancy prevention	Tobacco-use prevention	Alcohol- or other drug-use prevention	Physical activity	Nutrition and healthy eating	Asthma	Food allergies	Diabetes	Preventing student bullying and sexual harassment
Vermont	21.2	50.9	40.3	40.1	39.4	12.8	27.4	16.7	54.0
Virginia	30.1	37.7	35.5	56.7	55.7	34.9	39.6	35.4	65.5
Washington	55.1	34.2	33.1	39.4	35.3	23.8	28.7	24.5	55.1
West Virginia	25.3	43.8	36.2	42.8	47.3	24.1	41.9	26.6	66.3
Nationwide	30.7	43.4	42.2	48.6	48.8	28.1	35.7	30.2	64.0
Range	12.0-55.1	27.1-62.1	27.1-60.5	28.7-60.5	30.9-61.8	10.3-44.5	19.1-52.1	15.8-47.1	43.4-76.4
DISTRICT SURVEYS									
Albuquerque, NM	41.8	46.6	48.8	49.3	51.4	22.2	26.6	28.3	66.4
Boston, MA	25.8	26.7	26.7	50.8	48.5	31.6	37.0	27.0	54.4
Broward County, FL	36.3	44.2	39.6	35.1	41.9	22.9	30.7	27.3	72.0
Chicago, IL	42.6	39.1	41.2	71.4	70.2	64.7	67.5	56.5	76.6
Cleveland, OH	23.2	21.1	23.7	55.2	41.1	20.2	23.2	21.5	50.5
District of Columbia	53.9	45.2	51.7	65.2	71.7	45.8	52.9	46.2	78.3
Duval County, FL	55.6	44.2	44.2	55.8	49.3	48.8	46.5	48.8	61.8
Eaton Consortium, MI	81.8	68.2	59.1	72.7	90.9	40.9	50.0	50.0	81.8
Fort Worth, TX	61.4	76.4	76.4	75.9	83.2	52.7	62.3	65.5	78.6
Gaston County, NC	38.1	23.8	19.0	33.3	28.6	14.3	19.0	10.0	52.4
Genesee Consortium, MI	63.2	63.2	63.2	63.2	84.2	47.2	50.0	39.5	84.2
Hillsborough County, FL	17.3	27.1	27.7	39.5	34.1	20.3	23.1	20.2	68.2
Houston, TX	55.5	56.8	58.5	79.0	77.7	65.7	67.3	66.4	85.8
Los Angeles, CA	53.6	57.1	59.1	62.8	68.6	44.4	43.5	50.0	76.2
Nashville, TN	9.4	12.4	16.1	35.5	26.4	18.3	18.3	12.4	47.7
New York City, NY	57.0	51.0	51.0	65.8	63.1	44.5	48.5	46.6	73.2
Newark, NJ	17.3	27.9	30.1	45.3	50.3	45.2	45.6	41.2	65.0
Oakland, CA	13.7	21.8	16.2	12.7	21.8	10.0	10.9	11.6	35.7
Orange County, FL	28.8	35.1	34.7	58.1	53.3	27.4	31.2	24.4	69.0
Palm Beach County, FL	67.1	64.0	62.2	50.6	48.7	33.8	34.2	39.3	78.6
Pasco County, FL	39.3	46.4	46.4	40.7	42.9	17.9	35.7	28.6	63.0
Philadelphia, PA	31.9	35.5	33.0	50.7	58.2	50.5	44.7	35.5	66.0
Portland, OR	46.1	32.4	36.3	21.8	31.3	6.0	15.6	12.9	55.0
San Diego, CA	96.3	33.5	35.3	37.3	29.4	17.7	19.8	17.7	96.3
San Francisco, CA	21.9	29.3	25.4	32.8	44.1	21.7	22.3	25.6	36.7
Seattle, WA	69.2	63.0	70.4	63.0	59.3	53.8	55.6	59.3	70.4
Shelby County, TN	54.8	54.1	61.4	82.8	73.4	55.0	62.4	58.7	88.9
Spartanburg Consortium, SC	44.4	37.5	37.5	58.8	41.2	25.0	31.3	31.3	61.1
Median	43.5	41.6	40.4	53.0	49.8	32.7	36.4	33.4	68.6
Range	9.4-96.3	12.4-76.4	16.1-76.4	12.7-82.8	21.8-90.9	6.0-65.7	10.9-67.5	10.0-66.4	35.7-96.3
TERRITORIAL SURVEY									
Puerto Rico	48.6	54.8	56.9	58.6	67.9	53.6	37.7	65.4	79.7

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 21. Percentage of Secondary Schools in Which the Major Emphasis of the Lead Health Education Teacher’s Professional Preparation Was in Each Specific Discipline, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Health and physical education combined	Health education only	Physical education only	Other education degree	Kinesiology, exercise science, or exercise physiology; home economics or family and consumer science; biology or other science	Nursing or counseling	Public health, nutrition, or another discipline
STATE SURVEYS							
Alabama	35.3	11.9	26.3	6.9	5.1	9.2	5.3
Alaska	15.2	4.5	6.2	33.3	19.5	3.2	18.0
Arizona	17.4	4.3	15.7	15.2	8.6	20.3	18.5
Arkansas	59.0	11.2	10.4	3.4	9.1	3.0	4.0
Connecticut	53.4	15.8	21.5	1.5	2.1	4.1	1.6
Delaware	63.3	11.1	16.2	0.0	2.5	4.9	2.0
Florida	33.7	8.5	21.9	8.1	12.1	6.4	9.2
Georgia	71.7	2.3	3.5	8.6	9.2	2.5	2.3
Hawaii	33.7	12.8	15.4	10.4	12.9	6.7	8.2
Idaho	54.5	11.4	8.6	5.1	11.6	2.9	6.0
Illinois*	53.9	12.1	20.1	6.6	4.0	1.1	2.2
Indiana	60.5	5.6	17.7	6.2	2.9	3.6	3.5
Iowa	45.1	8.9	18.4	3.1	15.2	5.4	4.1
Kansas	60.2	0.4	22.5	3.0	4.0	6.3	3.6
Kentucky	69.3	5.8	14.7	2.2	4.4	1.4	2.2
Louisiana	48.0	4.4	12.5	6.6	13.3	7.3	7.9
Maine	38.7	23.4	14.1	4.4	11.6	5.0	2.7
Maryland	47.3	23.5	18.4	1.7	4.6	0.8	3.7
Massachusetts	29.5	24.3	16.3	5.4	5.7	9.6	9.2
Michigan	54.2	12.6	11.8	7.6	9.0	1.9	2.9
Minnesota	75.4	14.2	5.6	1.3	2.4	1.2	0.0
Mississippi	41.3	6.6	14.9	7.2	17.1	7.6	5.3
Missouri	50.5	6.2	20.8	7.2	10.1	2.7	2.5
Montana	74.7	0.0	6.4	10.5	4.7	0.4	3.3
Nebraska	55.7	6.3	24.3	2.8	8.5	1.9	0.5
Nevada	51.2	12.4	14.8	7.6	11.5	0.0	2.6
New Hampshire	37.0	25.0	11.2	5.2	7.0	8.1	6.5
New Mexico	28.4	15.0	11.1	5.3	15.4	14.9	9.8
New York	43.5	26.1	18.4	2.0	6.3	2.0	1.8
North Carolina	51.8	4.9	12.6	5.8	6.5	13.2	5.2
North Dakota	44.8	5.4	19.6	8.6	15.5	3.0	3.0
Ohio	62.4	7.4	15.3	3.4	4.0	4.7	2.8
Oklahoma	35.4	0.0	5.3	7.7	7.9	35.2	8.4
Oregon	38.7	15.5	9.7	11.9	12.7	4.0	7.5
Pennsylvania	73.0	3.7	2.1	7.5	2.0	7.4	4.3
Rhode Island	73.6	4.3	6.5	0.0	0.8	13.7	1.1
South Carolina	51.2	2.1	35.9	0.5	7.6	1.1	1.6
Tennessee	51.9	2.1	27.9	4.0	6.6	5.3	2.1
Texas	25.0	11.9	19.0	3.8	26.2	8.4	5.6
Utah	44.5	22.0	15.0	7.3	8.1	0.0	3.1
Vermont	30.2	14.6	18.2	0.9	11.0	19.1	6.0

TABLE 21. Percentage of Secondary Schools in Which the Major Emphasis of the Lead Health Education Teacher's Professional Preparation Was in Each Specific Discipline, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Health and physical education combined	Health education only	Physical education only	Other education degree	Kinesiology, exercise science, or exercise physiology; home economics or family and consumer science; biology or other science	Nursing or counseling	Public health, nutrition, or another discipline
Virginia	59.8	2.3	5.1	1.2	4.7	23.6	3.2
Washington	43.3	4.4	15.2	11.0	18.1	2.1	6.0
West Virginia	73.0	8.8	6.9	4.4	3.5	1.0	2.3
Nationwide	46.8	9.9	14.2	6.3	11.5	6.5	4.9
Range	15.2-75.4	0.0-26.1	2.1-35.9	0.0-33.3	0.8-26.2	0.0-35.2	0.0-18.5
DISTRICT SURVEYS							
Albuquerque, NM	27.5	38.4	2.2	8.7	18.8	0.0	4.3
Boston, MA	20.4	11.6	14.3	11.3	8.7	20.6	13.2
Broward County, FL	24.3	4.5	12.2	6.8	42.9	3.1	6.1
Chicago, IL	32.0	3.6	34.6	12.4	4.5	8.0	4.9
Cleveland, OH	45.0	1.0	42.0	5.0	2.0	1.0	4.0
District of Columbia	63.0	2.1	8.5	4.7	15.3	0.0	6.4
Duval County, FL	59.0	23.9	8.0	2.2	2.2	2.4	2.4
Eaton Consortium, MI	63.6	9.1	9.1	9.1	9.1	0.0	0.0
Fort Worth, TX	38.0	18.3	5.6	2.3	28.6	0.0	7.0
Gaston County, NC	55.0	0.0	35.0	5.0	5.0	0.0	0.0
Genesee Consortium, MI	52.6	15.8	10.5	0.0	10.5	10.5	0.0
Hillsborough County, FL	43.2	3.0	43.0	0.0	6.1	0.0	4.7
Houston, TX	52.1	7.1	27.9	1.4	9.8	0.0	1.7
Los Angeles, CA	11.8	28.2	3.4	6.5	44.9	1.0	4.3
Nashville, TN	58.6	0.0	34.5	6.9	0.0	0.0	0.0
New York City, NY	35.9	13.7	32.2	4.6	8.3	2.0	3.4
Newark, NJ	51.8	2.5	12.7	10.2	10.1	0.0	12.7
Oakland, CA	0.0	6.5	0.0	30.1	38.2	3.6	21.6
Orange County, FL	41.2	0.0	41.2	3.9	11.1	0.0	2.7
Palm Beach County, FL	3.9	7.5	13.0	5.6	53.8	1.7	14.5
Pasco County, FL	40.7	0.0	18.5	18.5	7.4	0.0	14.8
Philadelphia, PA	72.3	0.8	11.9	2.3	7.4	2.1	3.3
Portland, OR	24.5	22.4	0.0	26.3	13.4	0.0	13.4
San Diego, CA	0.0	3.9	3.9	5.7	65.8	9.3	11.4
San Francisco, CA	0.0	19.1	0.0	21.4	16.4	25.8	17.3
Seattle, WA	53.8	0.0	0.0	3.8	19.2	3.8	19.2
Shelby County, TN	45.0	4.1	31.9	7.6	2.0	5.6	3.8
Spartanburg Consortium, SC	44.4	0.0	33.3	5.6	5.6	5.6	5.6
Median	42.2	4.3	12.5	5.6	9.9	1.4	4.8
Range	0.0-72.3	0.0-38.4	0.0-43.0	0.0-30.1	0.0-65.8	0.0-25.8	0.0-21.6
TERRITORIAL SURVEY							
Puerto Rico	2.9	69.0	2.2	2.9	5.9	7.4	9.6

* Survey did not include schools from Chicago Public Schools.

TABLE 22. Percentage of Secondary Schools in Which the Lead Health Education Teacher Was Certified* to Teach Health Education in Middle School or High School and the Percentage in Which the Lead Health Education Teacher Had Experience Teaching Health Education Courses or Topics for a Specific Number of Years, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Lead health education teacher is certified to teach health education	Number of years lead health education teacher has taught health education courses or topics				
		1 year	2–5 years	6–9 years	10–14 years	≥ 15 years
STATE SURVEYS						
Alabama	77.5	19.8	28.5	14.4	14.4	23.0
Alaska	37.8	26.5	27.5	14.0	15.7	16.3
Arizona	38.4	28.4	24.3	12.2	13.7	21.5
Arkansas	92.5	11.7	21.0	18.2	15.4	33.7
Connecticut	89.5	8.4	20.5	12.4	18.7	39.9
Delaware	83.8	12.0	20.7	17.9	8.8	40.6
Florida	58.9	18.0	19.9	12.9	13.5	35.8
Georgia	94.1	7.2	21.7	15.9	9.2	45.9
Hawaii	58.5	14.0	31.9	15.8	11.7	26.6
Idaho	87.8	9.4	28.4	16.1	13.9	32.3
Illinois [†]	83.1	6.1	24.4	18.5	15.3	35.7
Indiana	88.6	8.8	19.4	14.0	14.6	43.2
Iowa	86.8	10.6	25.6	15.8	13.6	34.4
Kansas	79.2	9.7	24.1	13.3	14.3	38.5
Kentucky	87.9	9.2	25.4	17.6	14.0	33.8
Louisiana	72.0	14.4	26.0	12.2	17.3	30.1
Maine	79.4	9.7	23.1	11.3	13.9	42.1
Maryland	87.9	4.6	22.4	15.0	16.2	41.8
Massachusetts	67.5	12.6	29.6	16.2	14.6	27.0
Michigan	82.2	13.5	15.5	15.0	16.7	39.4
Minnesota	96.5	4.5	22.5	14.1	13.1	45.7
Mississippi	83.5	13.2	32.9	18.4	15.1	20.4
Missouri	87.9	11.9	23.6	19.7	15.4	29.2
Montana	96.5	12.8	22.2	16.6	8.5	39.9
Nebraska	78.8	6.6	22.4	20.1	18.2	32.7
Nevada	84.0	8.3	18.4	17.8	18.0	37.6
New Hampshire	78.8	5.9	19.5	16.7	16.6	41.4
New Mexico	76.9	20.9	24.8	15.5	14.7	24.2
New York	72.4	7.9	26.8	15.5	13.7	36.2
North Carolina	76.1	12.1	14.3	17.0	16.0	40.6
North Dakota	99.3	11.2	28.1	22.0	10.4	28.2
Ohio	82.2	9.0	23.4	14.7	12.7	40.1
Oklahoma	63.2	14.3	28.2	15.7	14.3	27.6
Oregon	79.7	13.9	29.4	12.8	14.3	29.6
Pennsylvania	82.0	3.5	9.9	11.4	29.4	45.7
Rhode Island	95.7	6.0	12.3	6.6	10.9	64.2
South Carolina	74.4	5.8	30.7	18.0	15.0	30.5
Tennessee	81.7	11.2	20.4	16.0	20.4	32.0
Texas	75.1	14.5	25.8	17.3	12.7	29.6
Utah	86.3	6.7	21.9	13.7	11.9	45.7

TABLE 22. Percentage of Secondary Schools in Which the Lead Health Education Teacher Was Certified* to Teach Health Education in Middle School or High School and the Percentage in Which the Lead Health Education Teacher Had Experience Teaching Health Education Courses or Topics for a Specific Number of Years, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Lead health education teacher is certified to teach health education	Number of years lead health education teacher has taught health education courses or topics				
		1 year	2–5 years	6–9 years	10–14 years	≥ 15 years
Vermont	77.4	12.5	23.0	14.8	14.7	35.0
Virginia	78.7	8.2	12.1	11.2	14.0	54.5
Washington	87.3	6.0	19.8	15.0	14.3	44.9
West Virginia	98.8	10.3	34.9	6.6	24.5	23.6
Nationwide	78.0	10.3	22.6	15.6	15.9	35.5
Range	37.8-99.3	3.5-28.4	9.9-34.9	6.6-22.0	8.5-29.4	16.3-64.2
DISTRICT SURVEYS						
Albuquerque, NM	95.7	14.0	29.2	17.9	11.4	27.5
Boston, MA	33.3	31.2	48.4	7.9	6.2	6.2
Broward County, FL	50.0	7.0	25.1	6.5	16.4	45.1
Chicago, IL	56.4	13.6	31.8	21.8	13.6	19.1
Cleveland, OH	62.0	17.0	31.9	12.8	6.4	31.9
District of Columbia	86.8	4.6	21.3	18.8	21.3	34.2
Duval County, FL	100.0	7.9	23.4	16.3	20.8	31.6
Eaton Consortium, MI	100.0	9.1	0.0	31.8	18.2	40.9
Fort Worth, TX	97.5	12.6	30.0	31.4	18.8	7.2
Gaston County, NC	100.0	4.8	33.3	19.0	9.5	33.3
Genesee Consortium, MI	89.5	15.8	13.2	15.8	10.5	44.7
Hillsborough County, FL	64.4	12.7	15.7	14.1	12.4	45.1
Houston, TX	76.9	5.7	38.6	12.6	7.4	35.7
Los Angeles, CA	82.9	2.9	19.0	13.7	12.7	51.7
Nashville, TN	64.5	17.3	11.4	18.4	18.3	34.6
New York City, NY	45.6	14.1	35.6	13.9	14.1	22.3
Newark, NJ	73.9	18.3	15.7	13.1	9.8	43.2
Oakland, CA	31.9	28.1	35.6	22.9	2.8	10.7
Orange County, FL	64.4	17.3	16.6	7.0	19.4	39.7
Palm Beach County, FL	35.3	6.1	15.5	7.7	15.5	55.2
Pasco County, FL	85.7	10.7	53.6	7.1	7.1	21.4
Philadelphia, PA	92.5	7.0	13.8	6.6	22.5	50.1
Portland, OR	72.1	20.3	38.4	20.0	13.4	7.9
San Diego, CA	58.7	4.0	25.5	7.7	33.4	29.5
San Francisco, CA	49.3	26.3	28.7	20.4	5.8	18.8
Seattle, WA	92.6	7.7	19.2	15.4	7.7	50.0
Shelby County, TN	64.8	12.2	18.5	18.5	20.8	30.0
Spartanburg Consortium, SC	72.2	0.0	22.2	27.8	16.7	33.3
Median	72.2	12.4	24.2	15.6	13.5	33.3
Range	31.9-100.0	0.0-31.2	0.0-53.6	6.5-31.8	2.8-33.4	6.2-55.2
TERRITORIAL SURVEY						
Puerto Rico	95.3	5.9	6.9	11.6	27.4	48.2

* Certification, licensure, or endorsement by the state.

† Survey did not include schools from Chicago Public Schools.

TABLE 23a. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention†	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV‡ prevention	Human sexuality
STATE SURVEYS									
Alabama	37.6	45.4	53.0	62.6	43.6	44.4	29.2	24.4	20.7
Alaska	36.3	12.3	23.5	63.7	15.7	19.7	29.6	23.9	23.9
Arizona	33.5	22.3	27.8	58.5	27.3	28.2	24.3	21.3	16.1
Arkansas	50.9	40.1	47.3	66.0	40.8	36.8	33.0	29.9	30.3
Connecticut	41.2	16.1	26.5	66.5	18.9	27.4	20.2	24.1	39.9
Delaware	40.0	13.7	24.1	62.5	22.6	23.1	18.6	36.3	45.3
Florida	42.6	31.1	37.7	79.7	33.7	28.0	25.6	46.9	47.2
Georgia	37.0	16.5	31.5	48.8	18.8	22.4	21.6	34.8	30.2
Hawaii	26.9	15.1	21.3	51.4	21.0	16.1	17.6	24.3	24.1
Idaho	37.4	19.3	28.9	50.4	23.2	24.7	18.7	20.1	23.2
Illinois [§]	51.1	50.4	51.4	76.7	49.7	55.3	40.8	48.3	43.8
Indiana	30.9	14.0	22.1	62.0	28.1	23.3	17.2	18.6	19.7
Iowa	26.0	12.1	17.1	66.3	25.1	24.4	15.7	16.2	22.7
Kansas	34.5	14.2	28.3	62.2	15.7	21.5	20.4	23.7	22.1
Kentucky	45.5	29.3	37.7	62.8	45.9	37.3	27.2	24.3	19.8
Louisiana	45.2	28.8	35.8	54.2	34.6	34.0	24.2	16.7	17.2
Maine	51.6	11.7	37.1	77.9	17.8	24.1	19.4	40.9	54.8
Maryland	67.8	24.0	41.5	83.3	24.0	32.1	28.0	68.2	77.2
Massachusetts	61.5	14.5	25.8	83.5	17.0	31.7	15.4	26.8	46.1
Michigan	42.6	17.8	24.6	61.9	23.9	22.5	19.7	53.7	49.2
Minnesota	47.2	20.9	26.7	84.3	25.9	21.4	19.5	22.9	36.5
Mississippi	36.5	42.3	37.0	52.4	32.1	34.4	23.9	25.2	22.7
Missouri	34.5	23.5	29.4	60.5	30.2	36.2	23.9	19.3	23.2
Montana	43.8	18.5	31.7	65.3	19.4	20.3	19.0	20.8	25.2
Nebraska	37.8	30.9	27.5	59.8	28.0	29.6	27.3	24.9	28.3
Nevada	31.4	20.8	26.4	43.1	19.8	31.2	27.3	25.7	30.5
New Hampshire	73.7	22.9	51.2	91.8	23.1	41.9	31.3	42.5	61.2
New Mexico	42.9	33.8	39.1	63.5	33.3	36.1	28.7	30.8	32.5
New York	61.8	24.3	38.7	78.1	26.2	28.6	25.6	54.3	57.8
North Carolina	44.6	42.5	44.7	66.1	40.0	39.2	26.7	36.9	37.6
North Dakota	41.7	7.5	26.1	71.0	15.9	20.1	20.3	16.4	19.3
Ohio	47.8	25.3	30.3	70.3	29.6	34.9	25.9	31.9	26.6
Oklahoma	61.4	43.9	59.3	72.4	50.1	45.6	41.8	48.7	25.9
Oregon	28.8	19.7	22.5	60.9	23.1	22.5	19.7	27.1	41.5
Pennsylvania	54.5	22.3	26.0	68.5	24.7	24.1	11.3	23.8	31.9
Rhode Island	54.4	24.2	31.8	74.8	25.2	31.6	27.4	27.8	42.6
South Carolina	33.8	27.1	29.5	50.7	24.9	27.1	21.8	35.0	37.1
Tennessee	47.5	38.9	43.1	68.0	39.1	42.2	33.8	33.0	26.8
Texas	55.6	46.4	49.8	72.8	55.6	55.2	49.2	46.1	40.6
Utah	56.5	17.7	35.0	70.9	17.0	17.8	14.9	38.6	56.7
Vermont	58.5	19.7	28.3	77.5	20.3	27.3	13.6	31.7	58.8

TABLE 23a. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention†	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV‡	Human sexuality
Virginia	43.0	47.2	47.6	77.7	52.0	54.2	40.3	33.0	35.5
Washington	35.6	37.1	30.0	55.1	37.7	37.8	29.9	44.3	40.7
West Virginia	44.7	10.1	21.7	55.7	15.5	24.5	17.9	16.5	18.6
Nationwide	46.6	28.8	36.2	68.2	30.7	33.9	26.8	36.6	38.1
Range	26.0-73.7	7.5-50.4	17.1-59.3	43.1-91.8	15.5-55.6	16.1-55.3	11.3-49.2	16.2-68.2	16.1-77.2
DISTRICT SURVEYS									
Albuquerque, NM	41.1	19.6	27.0	73.5	23.9	21.7	22.7	55.6	76.1
Boston, MA	46.5	32.6	30.4	68.4	22.9	42.8	27.7	41.1	59.0
Broward County, FL	41.8	44.6	45.3	71.1	51.8	33.1	25.9	62.2	66.7
Chicago, IL	48.7	88.5	84.7	83.8	66.0	87.4	56.4	57.5	76.5
Cleveland, OH	29.2	17.0	31.3	53.6	17.7	19.8	25.8	43.3	44.8
District of Columbia	63.4	40.9	65.5	91.5	31.5	48.5	48.5	76.2	88.9
Duval County, FL	58.0	34.9	53.0	79.2	32.2	27.6	28.0	95.1	82.8
Eaton Consortium, MI	72.7	13.6	22.7	81.8	13.6	13.6	13.6	72.7	90.9
Fort Worth, TX	73.6	42.3	74.5	79.1	42.3	52.3	55.5	61.8	79.1
Gaston County, NC	57.1	28.6	47.6	76.2	23.8	28.6	23.8	76.2	71.4
Genesee Consortium, MI	34.2	15.8	23.7	63.2	31.6	23.7	23.7	68.4	68.4
Hillsborough County, FL	50.7	18.9	39.7	79.9	20.3	27.3	30.9	55.9	71.3
Houston, TX	85.6	73.3	82.0	95.8	73.0	88.6	91.5	85.8	83.0
Los Angeles, CA	49.4	21.3	34.9	80.7	19.4	26.6	29.1	61.7	64.3
Nashville, TN	22.4	9.7	28.9	65.2	16.6	15.9	16.6	19.4	38.6
New York City, NY	49.5	27.9	39.5	67.0	23.7	29.6	29.5	56.1	61.9
Newark, NJ	30.1	54.7	42.3	60.0	50.5	55.6	42.9	29.5	41.5
Oakland, CA	10.0	30.0	3.5	55.3	25.5	16.9	7.9	58.0	61.7
Orange County, FL	35.7	17.1	24.4	77.9	10.2	12.2	4.3	29.8	31.3
Palm Beach County, FL	42.1	26.6	30.5	84.6	30.1	34.2	26.0	80.0	80.0
Pasco County, FL	32.1	14.3	29.6	50.0	10.7	14.8	21.4	60.7	64.3
Philadelphia, PA	73.8	53.8	50.2	74.4	32.7	33.8	28.2	68.7	83.8
Portland, OR	50.3	10.3	21.8	65.6	20.1	17.3	20.4	77.1	93.0
San Diego, CA	27.5	9.6	11.4	54.7	15.1	13.3	9.7	48.2	54.1
San Francisco, CA	78.8	25.9	39.1	86.5	21.2	22.3	22.5	78.0	85.1
Seattle, WA	77.8	77.8	66.7	77.8	74.1	66.7	63.0	85.2	85.2
Shelby County, TN	67.8	65.2	67.6	84.6	50.0	55.9	57.6	81.5	65.1
Spartanburg Consortium, SC	61.1	27.8	33.3	77.8	11.1	27.8	16.7	72.2	55.6
Median	49.4	27.8	37.0	77.0	23.8	27.7	25.9	62.0	69.9
Range	10.0-85.6	9.6-88.5	3.5-84.7	50.0-95.8	10.2-74.1	12.2-88.6	4.3-91.5	19.4-95.1	31.3-93.0
TERRITORIAL SURVEY									
Puerto Rico	45.6	64.5	63.2	59.0	31.6	20.9	23.4	34.8	32.1

* Such as workshops, conferences, continuing education, or any other kind of in-service.

† Such as diabetes or obesity prevention.

‡ Human immunodeficiency virus.

§ Survey did not include schools from Chicago Public Schools.

TABLE 23b. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD [†] prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
STATE SURVEYS									
Alabama	55.8	57.5	46.6	51.0	22.3	24.8	56.5	42.8	63.3
Alaska	46.0	42.3	24.7	35.4	14.3	16.4	70.7	30.1	63.8
Arizona	49.6	42.0	30.4	43.4	15.2	15.8	53.6	24.1	51.7
Arkansas	57.5	75.0	51.1	62.7	26.3	30.7	79.1	51.7	74.9
Connecticut	46.7	35.9	24.6	51.5	20.1	24.0	46.4	38.8	55.7
Delaware	36.6	34.0	33.2	57.5	41.5	45.3	55.4	27.2	55.7
Florida	44.2	50.2	39.6	57.2	38.0	40.7	68.9	45.0	72.2
Georgia	28.3	39.4	31.5	52.5	28.7	34.4	49.9	35.2	50.1
Hawaii	29.4	33.7	26.1	42.3	22.6	25.2	45.5	45.5	44.0
Idaho	29.3	40.8	31.9	40.3	18.8	20.5	56.5	32.7	51.5
Illinois [‡]	55.3	56.0	41.4	59.7	34.1	41.3	64.1	49.9	66.6
Indiana	41.0	39.0	28.6	41.2	14.4	15.8	64.3	35.0	58.7
Iowa	36.9	30.9	26.5	34.6	17.8	19.4	55.1	27.2	44.2
Kansas	41.0	50.1	33.7	52.3	14.6	16.0	63.0	33.6	56.9
Kentucky	41.3	48.6	38.7	58.4	18.7	20.5	71.7	43.9	64.0
Louisiana	57.3	62.0	31.8	52.7	13.6	14.1	62.0	39.2	75.8
Maine	47.7	43.6	41.0	54.8	35.1	39.2	71.5	49.1	55.1
Maryland	49.8	55.6	45.8	63.6	51.2	60.0	75.3	57.4	70.0
Massachusetts	33.1	35.2	31.4	50.8	24.5	28.1	56.0	58.3	56.7
Michigan	35.3	36.2	33.6	45.5	33.5	44.3	42.9	34.3	49.5
Minnesota	40.8	40.3	22.7	39.8	19.5	20.4	72.3	38.0	61.8
Mississippi	43.7	54.8	34.5	49.2	25.3	28.2	65.9	44.7	66.9
Missouri	36.1	41.7	30.1	48.0	17.3	17.6	60.3	31.9	61.3
Montana	31.6	54.4	34.8	47.0	16.5	19.3	64.6	48.6	53.8
Nebraska	36.1	46.6	33.3	52.5	23.5	21.2	70.1	38.7	53.9
Nevada	35.0	40.1	28.8	41.4	22.1	22.0	50.1	32.7	44.7
New Hampshire	54.1	60.2	58.7	70.8	36.6	37.2	75.5	64.0	76.7
New Mexico	49.1	45.9	33.8	44.0	26.8	27.3	61.9	35.3	58.6
New York	46.6	44.8	43.2	54.1	42.8	48.4	62.3	50.7	62.0
North Carolina	48.5	53.4	40.7	56.3	32.5	33.9	59.2	46.3	59.7
North Dakota	34.1	41.2	28.3	47.5	13.2	17.0	64.9	46.9	49.4
Ohio	42.6	52.2	33.3	50.7	17.8	21.5	59.1	38.6	60.2
Oklahoma	68.1	69.7	46.1	48.0	28.0	33.4	57.2	59.0	72.6
Oregon	32.4	36.4	24.0	36.2	26.3	29.9	51.0	25.3	46.3
Pennsylvania	32.2	48.2	33.7	45.1	21.5	24.0	66.5	47.9	59.4
Rhode Island	47.1	48.5	32.9	48.6	23.1	26.5	51.1	43.1	64.1
South Carolina	39.7	49.7	30.2	58.8	30.8	33.3	47.4	30.7	56.5
Tennessee	51.8	63.8	42.7	74.3	24.6	23.9	75.3	49.3	74.4
Texas	58.3	70.0	47.2	65.9	36.4	39.7	69.7	52.0	73.7
Utah	46.0	44.3	35.9	48.7	28.5	37.5	75.6	45.6	58.3
Vermont	30.5	38.1	41.8	53.9	30.2	36.7	50.4	50.4	52.2

TABLE 23b. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD† prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
Virginia	62.4	54.4	41.3	64.1	23.4	28.7	60.9	36.6	62.8
Washington	37.1	43.3	25.6	41.2	31.1	34.7	53.9	28.8	51.9
West Virginia	32.4	33.5	27.5	39.0	15.4	15.2	51.2	33.0	45.6
Nationwide	46.7	48.4	38.0	52.3	28.8	32.9	62.5	43.0	63.0
Range	28.3-68.1	30.9-75.0	22.7-58.7	34.6-74.3	13.2-51.2	14.1-60.0	42.9-79.1	24.1-64.0	44.0-76.7
DISTRICT SURVEYS									
Albuquerque, NM	42.8	26.0	36.2	44.0	59.3	64.5	61.5	28.1	41.4
Boston, MA	43.0	38.3	41.9	63.3	43.9	48.3	39.6	37.4	56.5
Broward County, FL	48.9	40.7	27.4	35.1	46.6	52.9	71.2	37.4	80.9
Chicago, IL	59.5	60.9	60.1	77.2	51.2	55.9	50.1	47.4	77.5
Cleveland, OH	38.8	44.3	40.2	72.7	34.7	35.4	37.8	20.8	57.1
District of Columbia	59.1	74.5	77.8	93.0	61.3	74.0	70.2	54.9	82.6
Duval County, FL	48.4	41.4	41.4	72.7	97.4	100.0	68.4	48.6	67.1
Eaton Consortium, MI	36.4	36.4	50.0	50.0	63.6	72.7	50.0	50.0	31.8
Fort Worth, TX	71.4	72.3	74.1	85.9	64.1	61.5	85.1	71.4	85.0
Gaston County, NC	28.6	47.6	42.9	66.7	71.4	71.4	66.7	57.1	61.9
Genesee Consortium, MI	39.5	28.9	23.7	34.2	44.7	55.3	39.5	28.9	34.2
Hillsborough County, FL	37.5	47.4	43.1	81.0	51.9	58.9	69.6	38.7	68.5
Houston, TX	88.9	95.7	87.1	97.4	83.2	84.5	83.1	82.0	91.8
Los Angeles, CA	62.2	47.6	46.7	45.5	52.5	59.1	74.4	55.5	70.0
Nashville, TN	31.7	46.5	35.3	74.7	19.4	10.0	68.5	19.9	56.0
New York City, NY	43.2	47.2	47.6	64.1	47.3	51.9	46.1	42.4	56.0
Newark, NJ	42.4	55.0	52.6	72.5	29.3	27.5	42.2	27.6	70.3
Oakland, CA	16.3	7.9	24.4	9.0	47.3	58.0	19.5	11.6	28.8
Orange County, FL	13.7	48.6	35.5	72.3	29.1	27.0	45.5	34.0	57.8
Palm Beach County, FL	51.6	53.4	29.4	42.7	74.3	74.3	79.4	44.2	71.6
Pasco County, FL	35.7	46.4	28.6	60.7	53.6	67.9	53.6	39.3	53.6
Philadelphia, PA	42.8	63.8	68.5	84.6	57.8	68.2	73.4	72.7	74.5
Portland, OR	23.5	23.2	20.7	50.7	83.2	89.2	51.8	45.0	60.4
San Diego, CA	29.5	33.7	13.5	17.8	37.2	44.3	51.2	24.1	55.6
San Francisco, CA	42.4	44.4	61.0	58.1	77.4	77.7	58.3	74.3	58.4
Seattle, WA	70.4	66.7	55.6	66.7	77.8	81.5	85.2	80.8	80.8
Shelby County, TN	69.8	84.8	67.5	88.6	67.1	67.1	80.6	67.5	88.9
Spartanburg Consortium, SC	61.1	72.2	38.9	72.2	66.7	72.2	66.7	55.6	77.8
Median	42.8	47.3	42.4	66.7	55.7	63.0	64.1	44.6	64.5
Range	13.7-88.9	7.9-95.7	13.5-87.1	9.0-97.4	19.4-97.4	10.0-100.0	19.5-85.2	11.6-82.0	28.8-91.8
TERRITORIAL SURVEY									
Puerto Rico	57.5	34.9	49.9	50.0	26.3	35.7	62.1	38.5	60.2

* Such as workshops, conferences, continuing education, or any other kind of in-service.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 24a. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention*	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV† prevention	Human sexuality
STATE SURVEYS									
Alabama	64.3	52.2	56.0	72.0	55.3	53.9	50.7	49.1	46.9
Alaska	66.3	34.2	55.3	71.1	35.8	42.0	39.1	45.2	55.7
Arizona	53.2	43.2	56.9	71.6	43.0	43.4	37.9	35.4	42.3
Arkansas	72.7	50.0	70.1	76.6	53.7	49.8	46.7	54.5	55.1
Connecticut	65.1	45.0	62.5	83.4	45.9	43.1	41.7	54.6	80.2
Delaware	70.2	46.3	57.4	76.6	47.2	47.2	47.8	63.4	78.9
Florida	57.1	44.5	54.7	68.3	46.7	45.0	42.7	45.2	50.1
Georgia	61.3	45.4	58.3	73.6	44.5	42.8	50.2	47.8	52.0
Hawaii	71.9	57.1	67.0	78.6	59.1	56.5	52.6	61.5	71.0
Idaho	75.9	48.2	64.5	79.0	53.9	54.3	49.9	58.4	72.4
Illinois†	67.9	42.9	58.3	78.3	47.1	46.4	42.9	56.0	67.0
Indiana	53.8	25.6	41.9	62.6	27.8	28.7	26.3	39.2	49.5
Iowa	65.4	27.8	50.4	78.6	30.6	34.4	30.8	44.0	63.0
Kansas	68.7	37.3	58.6	73.9	44.2	41.8	38.4	51.6	64.4
Kentucky	71.7	38.3	58.6	74.7	45.0	43.0	41.6	51.0	60.2
Louisiana	67.9	52.4	63.8	72.7	52.4	52.0	49.1	45.6	47.5
Maine	72.4	36.9	60.7	79.5	35.1	37.4	36.1	59.6	77.8
Maryland	63.2	41.9	60.1	77.0	43.6	41.0	39.1	57.4	70.4
Massachusetts	76.7	42.2	64.5	86.8	45.2	48.2	44.8	59.8	81.0
Michigan	70.0	43.6	58.1	81.3	46.2	44.9	41.6	58.3	64.7
Minnesota	67.0	32.4	54.3	81.2	37.4	38.5	31.2	53.7	72.2
Mississippi	73.3	60.5	69.1	77.6	64.2	58.8	54.9	56.2	56.6
Missouri	57.8	40.4	52.0	71.1	43.5	42.8	36.6	45.1	56.6
Montana	76.8	53.9	67.1	80.5	60.6	55.6	52.7	67.2	77.4
Nebraska	53.9	31.4	43.3	64.7	33.2	38.9	30.8	41.8	52.1
Nevada	69.1	44.2	58.4	76.3	43.8	47.9	44.0	49.5	61.9
New Hampshire	75.8	46.3	62.9	89.0	49.3	50.9	50.2	64.6	84.8
New Mexico	66.6	47.0	63.7	76.6	52.0	50.2	45.5	52.9	67.6
New York	72.1	51.9	65.9	82.1	51.5	53.8	50.3	65.6	76.4
North Carolina	56.2	36.6	50.9	67.5	42.0	42.5	35.5	45.7	51.7
North Dakota	57.7	31.5	45.8	73.6	32.7	37.1	29.8	45.5	62.6
Ohio	78.0	48.3	65.0	81.1	53.7	52.0	49.7	62.9	76.0
Oklahoma	64.1	47.5	54.5	68.9	52.1	51.2	41.8	48.9	47.7
Oregon	60.9	28.0	49.4	75.5	32.5	33.7	28.5	52.6	66.7
Pennsylvania	73.5	41.7	60.4	77.2	46.2	49.0	44.3	60.8	71.0
Rhode Island	71.3	52.7	62.6	82.8	52.7	51.2	50.1	60.9	81.3
South Carolina	57.3	37.7	53.5	62.0	41.4	39.3	34.5	40.2	51.1
Tennessee	63.6	46.3	60.5	71.7	48.6	46.5	38.6	39.8	46.8
Texas	64.5	53.9	65.3	77.1	55.0	52.8	51.6	53.9	60.8
Utah	62.8	33.5	58.1	73.0	36.8	30.8	34.6	57.7	72.1
Vermont	67.1	37.7	48.8	82.7	44.6	42.7	40.9	57.8	74.2

TABLE 24a. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Alcohol- or other drug-use prevention	Asthma	Chronic disease prevention*	Emotional and mental health	Epilepsy or seizure disorder	Food allergies	Foodborne illness prevention	HIV†	Human sexuality
Virginia	55.6	44.0	53.2	77.0	49.8	46.7	41.4	41.1	55.6
Washington	62.6	30.8	52.2	71.2	30.5	31.2	30.3	43.7	56.5
West Virginia	73.8	46.4	71.5	84.3	54.7	52.7	46.7	64.3	71.2
Nationwide	67.6	46.0	59.2	77.2	48.1	46.6	43.3	54.1	64.3
Range	53.2-78.0	25.6-60.5	41.9-71.5	62.0-89.0	27.8-64.2	28.7-58.8	26.3-54.9	35.4-67.2	42.3-84.8
DISTRICT SURVEYS									
Albuquerque, NM	69.3	37.9	55.1	81.6	47.6	44.4	47.1	67.1	79.0
Boston, MA	85.5	64.2	73.8	82.5	61.2	62.7	61.6	70.6	76.5
Broward County, FL	56.9	42.7	53.3	70.1	44.6	49.4	43.2	47.7	52.6
Chicago, IL	73.2	59.0	68.2	81.7	66.3	61.6	62.8	62.9	73.8
Cleveland, OH	68.4	55.8	62.8	77.7	47.3	52.1	47.9	60.6	66.3
District of Columbia	75.2	62.6	73.6	91.3	67.7	67.4	58.7	67.7	76.2
Duval County, FL	69.3	45.8	60.5	71.5	62.8	51.3	50.0	52.4	59.5
Eaton Consortium, MI	81.8	54.5	80.0	81.8	63.6	72.7	81.8	72.7	81.8
Fort Worth, TX	75.7	63.9	71.6	85.4	72.3	63.9	63.9	75.7	82.2
Gaston County, NC	90.5	38.1	71.4	81.0	38.1	42.9	38.1	76.2	66.7
Genesee Consortium, MI	60.5	39.5	55.3	55.3	44.7	50.0	44.7	55.3	55.3
Hillsborough County, FL	59.1	55.3	64.5	77.5	53.1	47.9	44.5	50.1	53.6
Houston, TX	70.7	84.1	82.9	88.6	76.3	71.7	74.2	75.9	75.2
Los Angeles, CA	75.9	74.7	78.1	79.7	73.4	68.3	55.8	66.8	73.6
Nashville, TN	68.1	58.1	71.3	77.3	54.5	52.2	45.3	56.1	74.4
New York City, NY	74.3	66.3	72.9	76.8	64.9	64.2	60.7	66.8	71.0
Newark, NJ	82.4	74.4	76.9	89.7	71.8	76.7	66.5	74.6	69.4
Oakland, CA	73.8	51.3	57.4	74.7	50.9	46.4	37.2	41.0	60.7
Orange County, FL	67.9	52.2	70.2	69.4	49.0	51.2	51.2	55.9	57.5
Palm Beach County, FL	32.8	23.8	32.9	61.8	35.2	28.8	27.2	32.8	41.8
Pasco County, FL	78.6	53.6	64.3	78.6	42.9	46.4	35.7	57.1	64.3
Philadelphia, PA	71.7	65.3	70.5	80.5	67.3	63.5	62.1	72.8	76.7
Portland, OR	68.4	49.3	72.9	94.5	59.7	56.3	49.7	59.2	66.3
San Diego, CA	46.9	32.6	41.8	58.6	29.4	34.7	32.7	36.2	38.4
San Francisco, CA	84.8	51.4	74.9	84.7	58.8	54.4	60.6	69.0	73.3
Seattle, WA	81.5	70.4	81.5	88.9	59.3	70.4	70.4	74.1	77.8
Shelby County, TN	58.0	62.4	64.0	69.9	77.9	61.1	53.8	50.5	57.3
Spartanburg Consortium, SC	61.1	44.4	61.1	61.1	50.0	22.2	16.7	27.8	50.0
Median	71.2	54.9	70.4	79.1	59.0	53.3	50.6	61.8	68.0
Range	32.8-90.5	23.8-84.1	32.9-82.9	55.3-94.5	29.4-77.9	22.2-76.7	16.7-81.8	27.8-76.2	38.4-82.2
TERRITORIAL SURVEY									
Puerto Rico	82.4	74.0	76.1	83.2	85.9	84.5	85.2	80.0	89.5

* Such as diabetes or obesity prevention.

† Human immunodeficiency virus.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 24b. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD* prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
STATE SURVEYS									
Alabama	58.0	63.0	66.3	66.5	47.7	50.3	67.7	64.4	73.0
Alaska	49.5	48.6	61.7	57.3	49.7	49.2	71.5	62.7	69.9
Arizona	50.6	55.5	59.5	55.9	38.6	39.5	63.5	54.5	65.6
Arkansas	63.6	69.4	68.2	70.9	54.5	55.1	79.2	69.6	77.7
Connecticut	58.5	53.8	66.8	62.8	61.7	63.3	79.9	59.8	79.9
Delaware	53.4	57.5	61.8	59.5	65.4	72.5	67.9	67.4	81.3
Florida	56.0	55.2	61.1	57.0	44.1	45.7	65.9	54.6	65.7
Georgia	52.3	51.0	63.7	67.3	50.2	50.6	74.5	58.5	66.3
Hawaii	57.5	61.7	70.5	63.4	63.0	63.0	73.0	68.0	76.2
Idaho	61.5	54.0	73.9	67.0	62.8	64.9	79.2	72.0	76.8
Illinois [†]	54.6	52.0	64.0	60.3	56.3	59.6	74.4	62.3	70.6
Indiana	42.6	39.5	52.8	48.0	39.5	44.1	56.8	53.0	55.5
Iowa	50.0	38.7	59.2	53.1	51.1	53.0	74.3	56.2	68.8
Kansas	49.2	55.9	63.4	62.9	52.0	56.2	69.6	64.9	68.1
Kentucky	53.1	58.4	73.0	72.0	56.5	57.8	70.8	67.0	72.9
Louisiana	61.6	64.5	66.6	72.8	49.9	47.1	65.8	63.1	71.4
Maine	63.2	53.2	68.5	57.4	60.4	63.2	69.0	67.0	76.0
Maryland	55.8	55.5	61.2	50.8	56.5	63.8	72.9	52.6	74.8
Massachusetts	59.2	54.8	72.6	64.7	63.0	67.1	82.1	68.4	81.4
Michigan	50.5	47.7	69.2	61.7	54.7	57.9	77.6	63.1	72.7
Minnesota	52.2	47.6	62.5	52.7	61.6	64.2	75.8	64.8	76.4
Mississippi	68.4	71.3	72.5	70.0	56.2	58.9	73.5	65.9	73.3
Missouri	47.9	47.4	61.3	57.1	45.1	51.9	68.2	56.3	64.6
Montana	64.7	66.7	78.9	71.8	61.5	66.4	77.6	74.8	80.6
Nebraska	44.2	46.4	50.4	57.0	40.5	42.8	58.4	41.9	61.3
Nevada	59.4	59.9	73.7	59.6	59.3	63.1	74.5	63.0	77.6
New Hampshire	65.4	58.9	66.6	61.2	66.9	68.7	84.8	72.3	81.5
New Mexico	65.0	63.3	67.3	62.6	58.1	57.2	73.8	62.2	73.5
New York	66.0	57.6	72.1	63.6	65.9	67.6	79.4	66.9	76.2
North Carolina	46.2	46.7	57.7	57.8	48.5	49.5	64.1	50.1	61.1
North Dakota	50.7	41.2	51.6	49.4	42.8	47.1	68.0	50.5	63.0
Ohio	63.2	59.5	74.3	69.1	63.4	67.7	78.0	68.0	78.7
Oklahoma	57.4	52.7	51.6	54.2	49.9	49.2	66.9	63.2	63.0
Oregon	49.0	41.7	60.0	50.0	52.7	56.8	76.1	54.6	74.6
Pennsylvania	62.2	61.2	67.0	68.2	60.2	64.0	74.2	65.6	72.5
Rhode Island	57.8	55.6	70.3	66.7	63.0	64.0	82.8	59.0	78.2
South Carolina	44.5	48.0	59.6	56.7	46.3	49.4	64.1	55.6	65.0
Tennessee	53.6	57.6	67.6	72.5	42.4	43.9	62.5	57.2	69.1
Texas	62.0	60.5	68.9	63.5	54.8	55.4	72.4	60.9	73.5
Utah	57.1	47.4	61.1	45.4	55.1	61.6	72.1	57.4	70.9

TABLE 24b. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Specific Health Topics, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Infectious disease prevention	Injury prevention and safety	Nutrition and dietary behavior	Physical activity and fitness	Pregnancy prevention	STD* prevention	Suicide prevention	Tobacco-use prevention	Violence prevention
Vermont	47.4	45.6	66.5	48.9	56.3	55.9	70.8	61.5	73.3
Virginia	55.6	45.1	59.5	55.9	45.4	45.8	63.0	48.8	62.8
Washington	38.5	39.7	62.6	53.1	42.9	47.6	67.9	56.3	67.6
West Virginia	64.8	61.9	73.8	69.0	66.8	71.0	76.8	68.7	77.0
Nationwide	57.6	54.9	65.3	62.1	55.9	58.1	73.4	62.4	72.6
Range	38.5-68.4	38.7-71.3	50.4-78.9	45.4-72.8	38.6-66.9	39.5-72.5	56.8-84.8	41.9-74.8	55.5-81.5
DISTRICT SURVEYS									
Albuquerque, NM	68.3	65.5	69.3	67.6	62.8	62.8	82.5	66.4	74.7
Boston, MA	68.8	70.1	76.1	74.2	70.1	71.6	82.6	76.6	80.9
Broward County, FL	51.8	48.3	52.6	46.1	38.5	51.3	64.5	52.7	59.2
Chicago, IL	66.2	66.5	74.8	73.6	64.5	64.8	81.9	69.4	80.9
Cleveland, OH	66.3	62.1	79.2	74.2	60.6	63.8	78.4	57.4	80.4
District of Columbia	76.6	70.9	80.4	75.3	71.5	77.9	89.4	64.7	78.3
Duval County, FL	52.6	57.8	65.8	61.4	54.4	58.9	74.1	54.4	73.7
Eaton Consortium, MI	81.8	63.6	68.2	68.2	72.7	72.7	81.8	63.6	77.3
Fort Worth, TX	70.7	72.3	84.1	81.2	79.7	79.7	88.7	72.3	82.6
Gaston County, NC	61.9	76.2	81.0	90.5	76.2	81.0	95.2	76.2	76.2
Genesee Consortium, MI	39.5	47.4	50.0	60.5	55.3	50.0	55.3	50.0	66.7
Hillsborough County, FL	57.4	63.3	75.5	70.4	44.5	50.3	69.0	53.1	73.2
Houston, TX	80.8	82.9	87.0	84.4	79.2	80.4	84.5	77.1	82.3
Los Angeles, CA	70.1	67.7	69.1	66.8	65.7	65.9	80.1	71.8	79.9
Nashville, TN	55.1	64.0	77.8	71.7	59.2	68.3	62.0	61.9	73.2
New York City, NY	66.8	65.7	75.1	67.0	67.5	68.7	77.9	68.8	76.1
Newark, NJ	71.9	71.9	79.9	76.7	72.0	72.7	92.5	74.4	87.1
Oakland, CA	42.7	32.7	54.6	47.1	48.5	48.5	72.5	53.8	83.8
Orange County, FL	59.9	74.0	72.8	74.9	46.5	49.9	67.7	61.7	77.9
Palm Beach County, FL	41.1	25.6	34.9	31.0	33.1	33.1	51.5	39.0	51.6
Pasco County, FL	57.1	57.1	60.7	57.1	50.0	46.4	75.0	57.1	75.0
Philadelphia, PA	76.5	68.2	69.7	77.4	74.2	76.3	80.7	64.4	82.1
Portland, OR	65.0	53.4	72.9	52.4	57.3	57.3	84.7	62.7	73.2
San Diego, CA	40.2	39.5	44.9	42.9	34.3	34.3	57.8	38.5	54.0
San Francisco, CA	74.0	64.1	71.3	62.1	61.5	69.0	85.4	80.8	80.7
Seattle, WA	77.8	66.7	74.1	66.7	70.4	74.1	88.9	88.9	92.6
Shelby County, TN	66.4	67.9	71.7	71.7	52.6	50.5	67.0	64.3	74.7
Spartanburg Consortium, SC	33.3	33.3	72.2	55.6	44.4	50.0	66.7	50.0	55.6
Median	66.3	64.8	72.5	67.9	61.1	64.3	79.2	63.9	76.7
Range	33.3-81.8	25.6-82.9	34.9-87.0	31.0-90.5	33.1-79.7	33.1-81.0	51.5-95.2	38.5-88.9	51.6-92.6
TERRITORIAL SURVEY									
Puerto Rico	79.9	81.6	84.4	74.6	82.2	81.8	80.3	75.2	79.3

* Sexually transmitted disease.

† Survey did not include schools from Chicago Public Schools.

TABLE 25. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Teaching Methods, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Teaching students with physical, medical, or cognitive disabilities	Teaching students of various cultural backgrounds	Teaching students with limited English proficiency	Supporting lesbian, gay, bisexual, and transgender students	Using interactive teaching methods [†]	Encouraging family or community involvement	Teaching skills for behavior change	Classroom management techniques (performance measure)	Assessing or evaluating students in health education
STATE SURVEYS									
Alabama	66.4	55.6	61.4	21.5	56.2	53.6	50.8	64.5	41.9
Alaska	50.8	65.6	40.5	18.0	55.0	50.8	45.8	63.7	18.3
Arizona	59.5	53.2	51.8	29.7	55.4	53.1	52.2	67.7	29.4
Arkansas	72.8	71.4	59.4	26.2	67.9	75.6	67.1	86.8	57.7
Connecticut	55.3	63.6	45.3	53.4	58.2	46.3	48.9	66.0	37.6
Delaware	60.5	75.9	48.5	41.5	61.0	44.2	54.2	67.8	35.7
Florida	70.6	70.9	69.2	52.1	71.7	54.1	63.3	74.8	51.6
Georgia	61.1	52.5	49.8	25.1	62.4	51.6	56.6	78.1	42.5
Hawaii	43.1	37.9	46.9	23.0	50.6	29.4	36.8	58.5	29.5
Idaho	44.9	42.0	39.0	21.2	51.2	40.4	48.0	58.8	35.9
Illinois [‡]	65.5	60.9	40.1	38.3	63.7	47.8	58.9	76.0	47.1
Indiana	50.5	47.4	42.1	20.6	46.9	38.6	50.2	62.6	35.8
Iowa	56.1	52.7	42.1	26.8	57.7	38.3	54.5	66.8	31.4
Kansas	53.5	44.3	37.1	26.2	57.1	52.6	60.6	70.7	34.0
Kentucky	61.4	54.5	33.2	24.9	61.5	49.1	58.2	73.5	43.9
Louisiana	63.5	57.7	39.0	23.2	58.6	58.2	55.2	75.4	49.8
Maine	55.9	39.6	18.7	54.9	59.0	35.5	53.6	61.1	46.5
Maryland	71.5	78.7	67.4	66.7	80.2	56.6	71.0	72.3	70.3
Massachusetts	70.0	72.6	71.4	70.2	63.2	47.7	56.6	65.9	41.5
Michigan	48.4	54.6	34.5	33.0	56.3	39.9	50.4	65.9	34.9
Minnesota	69.3	87.4	67.3	48.9	57.6	48.1	61.1	74.2	43.3
Mississippi	60.2	56.3	47.5	20.7	61.6	59.4	54.1	68.1	48.2
Missouri	61.0	52.8	31.4	29.3	64.6	49.8	60.3	73.2	44.8
Montana	48.7	34.2	15.4	19.2	49.8	38.2	52.7	61.6	31.8
Nebraska	46.9	43.6	31.3	18.9	49.4	38.2	53.5	62.0	42.3
Nevada	42.2	58.7	58.8	29.5	52.7	48.7	42.6	56.0	31.7
New Hampshire	74.9	45.2	24.4	59.4	72.5	48.8	73.7	82.6	63.5
New Mexico	56.6	63.4	56.2	41.2	62.5	49.6	56.0	73.4	35.1
New York	63.3	62.0	50.8	63.2	69.6	54.2	59.6	67.7	57.0
North Carolina	62.4	66.0	56.3	35.8	62.8	54.7	52.8	64.0	48.5
North Dakota	51.9	45.6	23.9	19.3	51.4	46.3	48.6	65.7	33.8
Ohio	59.7	53.0	30.6	23.5	60.4	49.6	60.2	71.9	34.6
Oklahoma	68.6	68.8	48.7	28.4	53.8	63.5	55.7	66.8	41.0
Oregon	57.8	72.8	55.2	52.4	58.0	42.8	49.6	64.9	27.3
Pennsylvania	55.5	47.1	40.1	37.3	58.1	42.9	55.7	67.3	38.4
Rhode Island	60.0	67.5	56.2	62.3	56.8	44.8	48.1	63.4	45.2
South Carolina	54.6	58.8	55.3	24.7	56.8	47.9	50.6	63.5	46.8
Tennessee	67.1	64.9	54.6	23.2	69.5	63.8	61.8	80.9	48.6
Texas	73.3	68.8	70.9	25.1	73.1	62.1	63.5	81.4	56.2
Utah	38.9	46.1	49.3	32.1	62.8	38.3	49.7	69.7	48.9

TABLE 25. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Teaching Methods, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Teaching students with physical, medical, or cognitive disabilities	Teaching students of various cultural backgrounds	Teaching students with limited English proficiency	Supporting lesbian, gay, bisexual, and transgender students	Using interactive teaching methods [†]	Encouraging family or community involvement	Teaching skills for behavior change	Classroom management techniques (performance measure)	Assessing or evaluating students in health education
Vermont	53.1	51.4	12.8	77.4	55.9	38.3	58.7	62.8	42.7
Virginia	69.3	73.6	58.0	38.2	65.2	51.9	57.5	72.3	52.3
Washington	47.7	59.3	45.2	43.4	50.7	46.8	54.1	63.3	30.5
West Virginia	55.0	45.7	24.2	18.7	54.8	47.1	47.1	67.8	26.8
Nationwide	59.8	59.4	50.2	39.3	61.8	51.9	58.3	69.7	44.2
Range	38.9-74.9	34.2-87.4	12.8-71.4	18.0-77.4	46.9-80.2	29.4-75.6	36.8-73.7	56.0-86.8	18.3-70.3
DISTRICT SURVEYS									
Albuquerque, NM	46.6	57.7	62.4	82.5	70.9	55.6	57.7	77.8	46.6
Boston, MA	67.0	80.8	65.3	74.7	67.9	59.2	64.8	63.2	44.8
Broward County, FL	73.4	70.4	76.0	78.3	66.9	40.6	61.3	75.4	36.9
Chicago, IL	78.4	79.4	67.1	89.0	80.1	70.9	75.0	85.3	67.7
Cleveland, OH	50.0	57.6	28.6	41.8	58.2	52.5	51.5	75.5	28.1
District of Columbia	76.6	93.5	65.5	86.8	89.4	82.6	85.1	95.7	84.7
Duval County, FL	60.4	67.7	62.8	70.0	94.9	64.5	69.1	77.2	67.7
Eaton Consortium, MI	22.7	50.0	13.6	90.9	40.9	50.0	40.9	59.1	31.8
Fort Worth, TX	84.5	79.7	84.5	84.5	95.2	78.7	81.2	86.0	88.4
Gaston County, NC	42.9	42.9	33.3	47.6	71.4	33.3	42.9	66.7	66.7
Genesee Consortium, MI	34.2	50.0	34.2	63.2	65.8	55.3	60.5	65.8	34.2
Hillsborough County, FL	75.5	65.2	57.8	75.3	76.4	39.4	54.7	78.2	52.6
Houston, TX	88.7	90.2	84.6	80.5	92.8	88.9	93.1	96.0	90.2
Los Angeles, CA	78.5	89.2	95.0	76.2	86.3	68.5	70.1	80.4	59.2
Nashville, TN	70.3	79.5	65.9	58.0	66.9	35.3	64.5	80.9	35.0
New York City, NY	59.3	68.3	59.5	66.1	67.9	50.6	61.5	69.9	54.9
Newark, NJ	57.8	67.6	47.6	36.8	67.5	47.4	57.3	74.3	42.3
Oakland, CA	61.2	88.7	76.2	61.3	82.9	42.3	57.6	74.5	32.0
Orange County, FL	61.4	58.0	64.2	52.6	66.6	41.2	41.2	65.8	30.3
Palm Beach County, FL	83.2	88.9	83.5	96.6	77.6	52.0	53.4	81.3	52.8
Pasco County, FL	64.3	60.7	57.1	39.3	71.4	42.9	64.3	67.9	57.1
Philadelphia, PA	56.8	56.1	42.8	72.5	71.5	58.8	61.1	74.6	58.6
Portland, OR	55.5	83.7	60.5	89.2	77.1	36.8	53.0	54.2	51.6
San Diego, CA	49.4	67.7	67.3	71.4	60.0	51.5	52.9	58.2	23.6
San Francisco, CA	40.4	84.5	67.1	83.5	70.7	51.4	49.0	52.6	42.1
Seattle, WA	74.1	96.3	74.1	92.6	77.8	77.8	80.8	74.1	66.7
Shelby County, TN	84.2	80.1	84.8	43.3	80.4	76.4	79.7	90.7	77.4
Spartanburg Consortium, SC	72.2	77.8	66.7	50.0	83.3	55.6	61.1	77.8	61.1
Median	62.8	74.1	65.4	73.6	71.5	52.2	61.1	75.0	52.7
Range	22.7-88.7	42.9-96.3	13.6-95.0	36.8-96.6	40.9-95.2	33.3-88.9	40.9-93.1	52.6-96.0	23.6-90.2
TERRITORIAL SURVEY									
Puerto Rico	38.3	22.2	25.5	12.5	51.8	32.5	31.8	57.8	46.7

* Such as workshops, conferences, continuing education, or any other kind of in-service.

† Such as role plays or cooperative group activities.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 26. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Teaching Methods, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Teaching students with physical, medical, or cognitive disabilities	Teaching students of various cultural backgrounds	Teaching students with limited English proficiency	Supporting lesbian, gay, bisexual, and transgender students	Using interactive teaching methods ^a	Encouraging family or community involvement	Teaching skills for behavior change	Classroom management techniques	Assessing or evaluating students in health education
STATE SURVEYS									
Alabama	62.2	69.5	54.0	45.1	61.8	63.8	66.7	63.2	64.7
Alaska	56.8	58.0	48.9	53.1	57.9	64.9	71.7	59.4	53.9
Arizona	59.3	58.3	53.4	51.9	50.4	57.7	64.4	59.3	57.3
Arkansas	72.5	64.8	61.7	51.3	63.0	73.4	71.3	69.1	70.2
Connecticut	79.4	73.9	68.6	81.9	74.8	75.4	77.4	61.0	78.9
Delaware	67.7	66.1	66.3	70.9	59.0	68.8	58.6	55.5	62.3
Florida	59.3	58.2	51.7	59.3	54.9	61.4	65.7	57.8	56.9
Georgia	58.9	56.3	51.4	47.8	59.4	56.7	66.1	51.7	59.4
Hawaii	67.2	62.2	58.1	74.0	71.1	70.0	78.3	59.7	76.1
Idaho	61.4	58.9	55.7	58.9	66.4	75.1	75.8	61.2	68.1
Illinois ^b	66.5	58.8	48.9	66.2	62.6	69.3	71.7	58.5	65.3
Indiana	47.8	44.1	37.5	50.3	46.0	53.1	55.5	47.8	46.6
Iowa	59.0	53.2	48.2	62.3	59.2	61.9	63.7	56.1	64.7
Kansas	62.1	57.3	46.2	55.1	57.3	72.7	69.1	61.6	61.5
Kentucky	63.3	59.9	55.1	59.2	67.5	72.9	70.0	61.3	66.0
Louisiana	72.4	66.7	62.2	55.2	62.1	68.6	71.4	70.0	69.2
Maine	68.5	55.2	43.4	77.3	67.5	72.0	79.7	63.7	69.7
Maryland	71.5	70.4	72.3	75.6	68.6	73.1	75.5	67.4	68.2
Massachusetts	79.4	79.5	74.7	84.8	76.0	79.3	83.2	72.6	80.4
Michigan	67.7	64.9	53.9	69.6	64.2	68.7	73.0	56.6	68.3
Minnesota	57.1	64.2	58.1	71.8	66.1	72.6	68.3	56.4	69.3
Mississippi	68.2	66.5	64.6	54.7	69.1	72.4	73.6	67.0	69.9
Missouri	61.7	53.6	43.0	53.7	55.5	61.3	64.8	55.7	57.2
Montana	72.8	65.4	50.6	65.9	68.9	75.2	78.1	70.8	78.4
Nebraska	49.2	44.4	41.3	46.7	45.5	53.9	51.4	51.3	49.6
Nevada	60.2	60.4	59.9	67.1	60.2	70.3	68.5	50.8	66.7
New Hampshire	77.1	70.2	55.3	88.9	76.1	80.0	84.8	74.8	80.6
New Mexico	64.8	62.9	61.1	63.9	65.0	69.9	70.9	60.5	66.6
New York	73.5	68.6	64.1	79.6	72.1	75.6	78.6	64.7	73.9
North Carolina	60.0	58.5	54.4	51.7	53.7	63.4	62.6	53.1	58.6
North Dakota	54.1	54.1	40.9	58.4	51.3	64.4	60.2	52.6	59.2
Ohio	74.1	64.7	57.6	69.4	68.0	76.0	77.0	70.2	74.9
Oklahoma	56.1	55.2	50.7	46.7	51.6	64.3	65.2	55.8	54.5
Oregon	59.8	61.6	57.5	74.3	55.8	68.0	70.2	52.5	57.1
Pennsylvania	67.7	63.7	59.5	73.7	65.3	67.9	71.0	63.8	69.6
Rhode Island	74.9	66.9	68.2	85.6	68.0	67.5	78.5	64.0	76.5
South Carolina	60.2	52.5	50.3	45.5	49.3	57.7	60.6	49.7	52.5
Tennessee	67.2	62.8	59.4	46.9	64.0	64.6	67.2	60.3	64.8
Texas	69.3	68.9	65.6	59.2	61.6	69.4	70.5	64.4	65.0
Utah	58.4	59.6	62.1	64.3	65.9	64.1	68.3	49.8	63.0

TABLE 26. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Teaching Methods, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Teaching students with physical, medical, or cognitive disabilities	Teaching students of various cultural backgrounds	Teaching students with limited English proficiency	Supporting lesbian, gay, bisexual, and transgender students	Using interactive teaching methods*	Encouraging family or community involvement	Teaching skills for behavior change	Classroom management techniques	Assessing or evaluating students in health education
Vermont	68.4	63.8	48.9	73.8	72.8	71.4	73.0	59.7	77.7
Virginia	61.7	60.2	58.3	63.4	52.7	60.1	64.5	53.0	53.4
Washington	65.0	55.3	55.9	61.2	49.6	60.6	66.4	48.0	46.6
West Virginia	73.8	55.1	55.2	59.1	63.6	69.8	75.8	65.7	67.3
Nationwide	67.1	63.0	58.0	65.9	63.7	70.4	71.2	61.7	66.1
Range	47.8-79.4	44.1-79.5	37.5-74.7	45.1-88.9	45.5-76.1	53.1-80.0	51.4-84.8	47.8-74.8	46.6-80.6
DISTRICT SURVEYS									
Albuquerque, NM	70.4	74.6	65.9	69.5	81.2	79.0	77.3	65.0	75.8
Boston, MA	74.7	72.2	71.0	78.2	74.9	81.4	79.7	76.7	79.4
Broward County, FL	64.9	58.5	62.2	62.2	61.9	62.2	65.9	65.7	51.2
Chicago, IL	81.7	76.0	68.4	78.3	75.3	82.4	83.5	75.8	77.3
Cleveland, OH	78.6	83.8	66.7	71.4	69.1	86.3	79.6	77.3	72.0
District of Columbia	80.0	70.6	75.3	80.4	84.7	86.8	82.1	71.1	77.8
Duval County, FL	70.0	69.1	64.9	73.0	75.0	72.1	73.9	63.8	54.8
Eaton Consortium, MI	72.7	81.8	81.8	90.9	72.7	72.7	81.8	72.7	72.7
Fort Worth, TX	86.0	92.0	91.1	87.3	78.7	88.5	89.4	78.2	79.7
Gaston County, NC	76.2	61.9	66.7	61.9	81.0	85.7	66.7	61.9	76.2
Genesee Consortium, MI	63.2	50.0	39.5	50.0	39.5	60.5	50.0	39.5	60.5
Hillsborough County, FL	75.0	65.2	58.7	60.9	61.9	65.0	77.6	63.6	69.6
Houston, TX	89.0	82.2	83.4	81.8	84.6	87.4	83.6	80.5	81.9
Los Angeles, CA	73.2	70.3	76.3	77.4	70.3	82.8	78.2	65.6	77.4
Nashville, TN	67.8	74.8	74.1	75.0	68.1	71.9	78.6	65.6	59.6
New York City, NY	74.0	73.3	71.8	76.3	69.3	74.4	76.1	68.6	72.2
Newark, NJ	89.8	89.9	87.1	92.3	94.8	94.8	92.3	84.5	87.1
Oakland, CA	77.5	71.0	73.8	86.6	70.1	79.2	77.5	66.4	67.6
Orange County, FL	59.8	65.0	49.5	59.7	70.9	58.8	71.2	65.4	58.9
Palm Beach County, FL	41.5	44.0	46.9	60.6	45.6	46.9	51.7	35.9	32.1
Pasco County, FL	46.4	42.9	35.7	60.7	64.3	60.7	53.6	46.4	67.9
Philadelphia, PA	85.9	80.9	77.0	80.5	80.8	77.8	83.7	74.2	77.6
Portland, OR	75.3	78.2	83.7	81.3	74.2	86.6	86.6	64.7	64.7
San Diego, CA	47.4	44.2	48.8	56.7	48.3	54.8	66.7	47.7	39.9
San Francisco, CA	72.0	71.6	68.3	69.4	79.3	64.5	84.5	54.3	60.7
Seattle, WA	88.9	85.2	85.2	85.2	77.8	81.5	81.5	81.5	74.1
Shelby County, TN	72.0	69.3	66.7	65.7	67.5	73.4	71.7	59.2	67.3
Spartanburg Consortium, SC	61.1	44.4	50.0	55.6	50.0	44.4	61.1	33.3	50.0
Median	73.6	71.3	68.3	74.0	71.8	76.1	77.9	65.6	70.8
Range	41.5-89.8	42.9-92.0	35.7-91.1	50.0-92.3	39.5-94.8	44.4-94.8	50.0-92.3	33.3-84.5	32.1-87.1
TERRITORIAL SURVEY									
Puerto Rico	89.9	83.6	75.4	89.0	86.8	83.5	85.1	79.2	78.0

* Such as role plays or cooperative group activities.

† Survey did not include schools from Chicago Public Schools.

TABLE 27. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Topics Related to Teaching Sexual Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Aligning lessons and materials with the district scope and sequence for sexual health education	Creating a comfortable and safe learning environment for students receiving sexual health education	Connecting students to on-site or community-based sexual health services	Using a variety of effective instructional strategies to deliver sexual health education	Building student skills in HIV ¹ , other STD ² , and pregnancy prevention	Assessing student knowledge and skills in sexual health education	Understanding current district or school board policies or curriculum guidance regarding sexual health education	Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	Engaging parents in sexual health education
STATE SURVEYS									
Alabama	24.6	26.3	19.2	20.6	20.2	20.7	21.6	19.4	13.9
Alaska	15.6	15.1	12.6	15.5	12.0	12.2	21.2	15.8	8.7
Arizona	12.8	16.4	14.1	15.4	15.9	15.7	16.8	13.5	8.9
Arkansas	36.9	37.7	28.3	33.4	30.2	32.1	35.4	32.8	22.8
Connecticut	35.6	36.3	23.7	36.7	27.6	28.0	30.4	27.3	13.8
Delaware	33.9	34.3	24.1	34.8	34.0	27.9	28.0	24.3	19.0
Florida	45.1	45.7	35.3	43.1	40.6	39.5	45.0	42.5	28.4
Georgia	34.5	38.3	24.2	32.4	34.5	32.7	30.5	25.6	23.1
Hawaii	26.4	27.2	17.4	22.3	22.0	20.5	24.2	21.0	15.0
Idaho	25.4	26.5	10.7	17.9	18.8	15.9	21.3	17.6	11.6
Illinois ⁵	35.0	37.4	26.8	37.5	32.4	32.5	28.9	30.7	17.9
Indiana	24.5	20.2	17.4	18.5	17.0	18.2	25.4	21.6	15.6
Iowa	27.3	31.2	22.8	28.9	23.6	27.2	22.0	24.5	16.9
Kansas	20.0	23.7	15.0	19.2	18.0	18.4	21.8	18.7	9.0
Kentucky	22.9	21.4	17.9	15.3	15.6	14.8	17.9	16.6	11.9
Louisiana	15.0	15.5	15.8	14.3	11.6	15.9	16.0	10.3	7.8
Maine	40.1	45.3	29.0	42.0	40.2	38.5	24.7	31.2	13.3
Maryland	73.7	74.3	54.3	71.5	64.1	65.5	71.0	70.1	43.4
Massachusetts	38.9	40.7	28.9	36.1	29.6	32.6	30.9	34.8	21.0
Michigan	43.3	48.0	28.2	43.3	45.1	38.2	47.7	38.7	29.2
Minnesota	35.8	35.1	25.1	30.5	27.5	27.7	28.0	26.6	13.6
Mississippi	32.2	35.0	22.5	30.3	28.3	31.3	35.2	27.0	19.1
Missouri	34.6	29.2	17.9	23.2	21.2	25.6	35.6	25.4	14.2
Montana	22.6	26.0	18.0	20.1	20.4	18.6	21.9	15.7	10.1
Nebraska	32.6	32.5	24.0	29.3	28.2	26.9	29.9	26.6	19.1
Nevada	27.1	26.8	19.7	24.0	23.2	21.7	30.1	26.0	19.2
New Hampshire	39.7	44.4	29.4	50.7	34.6	47.5	37.4	43.3	24.0
New Mexico	31.2	39.0	33.6	37.1	31.5	29.3	35.0	30.7	17.8
New York	54.9	59.6	50.0	57.1	51.8	48.8	43.3	48.5	32.4
North Carolina	40.0	34.5	30.9	36.2	29.3	33.4	38.6	34.1	24.3
North Dakota	27.9	25.6	17.0	20.6	19.4	20.0	18.8	20.8	10.5
Ohio	25.1	23.6	18.3	21.8	20.5	21.7	25.3	21.7	10.2
Oklahoma	19.2	21.6	22.3	20.3	21.2	17.0	17.4	17.0	9.7
Oregon	48.4	44.8	30.6	41.6	28.6	31.6	44.8	37.0	21.6
Pennsylvania	29.8	28.3	18.6	23.6	22.0	21.1	26.4	23.4	12.5
Rhode Island	40.2	37.8	29.5	31.8	31.9	29.1	28.5	31.8	19.9
South Carolina	36.5	41.7	28.2	32.5	31.8	29.5	36.7	32.3	21.7
Tennessee	31.0	27.7	21.0	23.5	22.0	22.4	27.4	23.4	15.2
Texas	40.1	37.9	31.9	34.5	34.6	35.6	37.2	34.2	25.0
Utah	55.9	55.1	22.7	37.6	41.2	35.9	59.8	41.5	21.6
Vermont	37.1	44.9	30.5	45.2	38.1	38.1	21.2	36.1	19.3

TABLE 27. Percentage of Secondary Schools in Which the Lead Health Education Teacher Received Professional Development* During the Two Years Before the Survey on Topics Related to Teaching Sexual Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Aligning lessons and materials with the district scope and sequence for sexual health education	Creating a comfortable and safe learning environment for students receiving sexual health education	Connecting students to on-site or community-based sexual health services	Using a variety of effective instructional strategies to deliver sexual health education	Building student skills in HIV [†] , other STD [‡] , and pregnancy prevention	Assessing student knowledge and skills in sexual health education	Understanding current district or school board policies or curriculum guidance regarding sexual health education	Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	Engaging parents in sexual health education
Virginia	41.3	36.1	27.0	29.6	25.7	28.7	39.9	34.6	22.9
Washington	46.5	38.7	31.1	37.1	38.4	34.8	37.6	35.0	26.0
West Virginia	19.8	21.9	16.4	16.5	16.4	16.4	17.5	18.6	12.0
Nationwide	36.7	37.8	28.6	34.3	31.8	31.6	34.1	32.2	21.6
Range	12.8-73.7	15.1-74.3	10.7-54.3	14.3-71.5	11.6-64.1	12.2-65.5	16.0-71.0	10.3-70.1	7.8-43.4
DISTRICT SURVEYS									
Albuquerque, NM	61.9	66.7	58.2	59.8	57.2	51.3	59.8	44.4	28.6
Boston, MA	52.8	52.7	48.3	49.9	46.7	46.6	51.6	45.0	28.2
Broward County, FL	65.6	66.8	57.2	63.7	62.4	57.7	69.4	57.2	40.3
Chicago, IL	75.9	77.3	66.1	72.8	66.7	72.0	76.6	72.2	60.5
Cleveland, OH	32.7	38.8	28.6	31.6	31.6	33.7	29.6	24.7	16.5
District of Columbia	78.3	91.1	69.4	82.6	69.8	80.0	71.9	74.0	52.8
Duval County, FL	100.0	100.0	97.7	100.0	100.0	96.8	100.0	96.7	80.9
Eaton Consortium, MI	77.3	68.2	59.1	68.2	50.0	59.1	86.4	59.1	50.0
Fort Worth, TX	90.3	88.4	80.2	89.4	76.8	86.0	83.6	83.6	78.7
Gaston County, NC	76.2	61.9	61.9	81.0	76.2	61.9	81.0	71.4	38.1
Genesee Consortium, MI	52.6	57.9	63.2	44.7	52.6	44.7	63.2	44.7	34.2
Hillsborough County, FL	51.6	58.8	44.5	56.2	53.2	48.9	57.5	47.2	22.9
Houston, TX	90.2	88.6	82.8	88.6	83.9	87.0	85.6	85.6	77.0
Los Angeles, CA	64.3	68.2	61.3	66.1	63.2	55.6	62.0	60.3	53.6
Nashville, TN	38.0	38.0	19.2	34.9	19.4	25.7	35.0	25.7	7.1
New York City, NY	56.2	66.0	55.0	61.2	59.2	56.3	49.3	53.8	39.5
Newark, NJ	29.6	31.6	24.4	24.1	29.1	21.7	24.4	24.1	17.1
Oakland, CA	60.6	63.4	66.2	63.4	63.4	60.6	63.0	60.6	51.6
Orange County, FL	40.7	34.3	24.2	30.8	21.8	19.1	27.9	26.1	14.5
Palm Beach County, FL	74.0	70.4	65.0	64.7	74.0	61.1	71.9	66.7	37.6
Pasco County, FL	82.1	78.6	57.1	78.6	64.3	67.9	82.1	64.3	42.9
Philadelphia, PA	58.9	66.0	56.7	65.0	61.5	60.0	60.9	60.9	42.4
Portland, OR	92.1	96.1	80.5	93.2	90.5	83.7	97.1	73.4	54.9
San Diego, CA	47.4	50.2	56.0	49.3	49.3	49.3	50.2	49.3	44.4
San Francisco, CA	80.5	82.2	89.1	86.2	81.6	62.5	85.1	77.4	41.6
Seattle, WA	74.1	81.5	92.6	88.9	77.8	74.1	77.8	77.8	74.1
Shelby County, TN	73.0	71.0	59.3	65.6	67.4	63.3	71.2	65.6	45.9
Spartanburg Consortium, SC	83.3	94.4	94.4	83.3	88.9	83.3	94.1	88.9	64.7
Median	69.3	67.5	60.3	65.3	63.3	60.3	70.3	60.8	42.6
Range	29.6-100.0	31.6-100.0	19.2-97.7	24.1-100.0	19.4-100.0	19.1-96.8	24.4-100.0	24.1-96.7	7.1-80.9
TERRITORIAL SURVEY									
Puerto Rico	18.5	18.4	14.0	19.7	21.5	21.7	19.5	16.3	15.6

* Such as workshops, conferences, continuing education, or any other kind of in-service.

† Human immunodeficiency virus.

‡ Sexually transmitted disease.

§ Survey did not include schools from Chicago Public Schools.

TABLE 28. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Topics Related to Teaching Sexual Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020

Site	Aligning lessons and materials with the district scope and sequence for sexual health education	Creating a comfortable and safe learning environment for students receiving sexual health education	Connecting students to on-site or community-based sexual health services	Using a variety of effective instructional strategies to deliver sexual health education	Building student skills in HIV ^a , other STD ^b , and pregnancy prevention	Assessing student knowledge and skills in sexual health education	Understanding current district or school board policies or curriculum guidance regarding sexual health education	Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	Engaging parents in sexual health education
STATE SURVEYS									
Alabama	44.0	53.2	50.2	51.0	50.6	50.2	51.9	50.2	44.6
Alaska	44.5	45.0	53.0	50.7	48.5	49.7	50.4	53.3	54.0
Arizona	32.4	37.2	38.1	36.8	36.9	38.2	36.4	39.5	38.7
Arkansas	64.4	63.2	61.9	63.2	62.0	61.6	62.5	64.3	60.9
Connecticut	63.6	68.2	66.1	77.0	70.2	72.8	59.6	73.8	69.7
Delaware	66.3	68.4	70.3	71.2	75.6	79.7	75.0	79.2	77.4
Florida	45.1	50.3	51.1	52.3	49.8	50.0	53.4	53.1	49.3
Georgia	60.8	55.3	52.5	59.3	52.5	57.6	62.4	57.7	55.4
Hawaii	59.8	61.0	65.0	67.0	59.9	61.3	64.1	65.6	65.5
Idaho	56.9	62.1	57.4	66.6	64.3	61.2	60.6	63.9	63.7
Illinois ^c	58.5	60.6	60.7	69.7	62.2	60.2	58.3	66.6	64.1
Indiana	36.7	42.2	41.6	47.4	46.4	42.0	41.2	45.7	40.5
Iowa	52.6	56.8	57.2	63.7	56.8	61.5	54.0	58.7	58.3
Kansas	54.9	59.6	58.3	64.6	61.6	56.7	55.3	60.8	63.1
Kentucky	53.9	56.1	54.6	59.6	53.2	53.8	54.1	56.5	56.2
Louisiana	49.7	50.4	48.9	51.5	50.9	52.0	53.5	50.2	48.2
Maine	56.4	57.1	61.2	75.1	67.8	68.2	56.6	71.0	67.7
Maryland	53.4	62.0	68.8	71.0	66.4	66.2	55.5	68.3	72.5
Massachusetts	70.7	74.1	67.6	80.1	74.7	78.5	70.3	80.3	76.0
Michigan	54.4	53.7	55.0	63.1	62.8	64.6	54.9	62.1	60.6
Minnesota	58.2	60.0	61.5	70.5	65.8	66.3	58.7	67.2	66.6
Mississippi	61.1	59.6	55.1	64.4	60.7	61.0	59.5	58.1	59.0
Missouri	46.1	50.5	48.5	56.4	51.2	51.2	46.4	53.3	52.7
Montana	62.2	68.6	64.3	76.6	70.7	73.0	68.0	69.9	71.6
Nebraska	41.1	44.6	43.2	45.1	45.6	45.0	44.6	45.5	46.6
Nevada	60.1	56.1	59.1	64.6	64.7	62.9	62.9	67.2	60.2
New Hampshire	72.3	75.2	74.2	84.2	75.3	75.3	69.6	80.0	77.9
New Mexico	54.2	58.9	55.3	60.9	55.8	59.7	57.4	59.8	65.8
New York	69.0	67.5	66.8	75.7	72.4	71.8	68.5	72.6	72.7
North Carolina	49.2	52.9	51.6	54.1	52.3	50.8	52.7	53.6	53.4
North Dakota	51.6	55.6	54.3	64.6	59.4	61.4	59.8	57.0	59.6
Ohio	65.5	67.7	68.5	69.1	68.0	67.7	66.7	70.2	69.1
Oklahoma	43.0	50.2	46.4	49.8	52.3	44.3	45.7	46.0	42.6
Oregon	53.9	55.2	58.4	65.6	61.3	59.4	56.5	70.2	65.0
Pennsylvania	60.8	63.8	65.3	72.6	68.3	67.5	59.0	67.8	63.5
Rhode Island	63.9	68.4	71.6	79.1	69.1	74.2	65.4	74.0	73.8
South Carolina	48.4	46.1	47.8	50.6	49.4	51.5	47.9	54.5	49.9
Tennessee	45.9	46.4	45.3	49.8	47.0	46.1	49.2	47.4	45.4
Texas	56.5	58.6	59.6	62.0	59.7	56.6	59.5	59.8	59.9
Utah	56.0	57.9	63.8	75.2	67.0	63.6	56.7	73.4	67.5

TABLE 28. Percentage of Secondary Schools in Which the Lead Health Education Teacher Wanted to Receive Professional Development on Topics Related to Teaching Sexual Health Education, Selected U.S. Sites: School Health Profiles, Lead Health Education Teacher Surveys, 2020 (continued)

Site	Aligning lessons and materials with the district scope and sequence for sexual health education	Creating a comfortable and safe learning environment for students receiving sexual health education	Connecting students to on-site or community-based sexual health services	Using a variety of effective instructional strategies to deliver sexual health education	Building student skills in HIV*, other STD†, and pregnancy prevention	Assessing student knowledge and skills in sexual health education	Understanding current district or school board policies or curriculum guidance regarding sexual health education	Identifying appropriate modifications to the sexual health curriculum to meet the needs of all students	Engaging parents in sexual health education
Vermont	63.7	60.0	63.8	70.9	63.4	70.6	58.7	71.1	72.8
Virginia	49.3	51.6	50.0	54.9	47.1	47.1	53.9	60.2	52.2
Washington	49.6	46.7	48.3	57.5	49.7	47.8	50.6	56.0	49.9
West Virginia	68.1	69.3	72.5	69.6	64.1	63.7	66.0	66.5	60.7
Nationwide	56.1	58.3	58.1	64.0	60.4	59.7	57.4	63.1	61.1
Range	32.4-72.3	37.2-75.2	38.1-74.2	36.8-84.2	36.9-75.6	38.2-79.7	36.4-75.0	39.5-80.3	38.7-77.9
DISTRICT SURVEYS									
Albuquerque, NM	56.3	61.1	51.9	67.6	60.6	72.1	66.4	63.3	72.6
Boston, MA	75.7	72.9	70.0	72.9	70.0	73.0	74.4	75.8	77.0
Broward County, FL	52.7	49.4	51.3	54.1	55.7	49.5	55.1	55.0	59.5
Chicago, IL	67.2	71.3	72.8	74.6	68.4	69.9	66.0	72.7	74.4
Cleveland, OH	74.7	70.5	81.3	72.9	69.8	71.9	76.0	76.0	75.0
District of Columbia	62.1	64.7	76.2	71.1	71.9	73.6	71.1	82.6	84.7
Duval County, FL	44.4	56.5	60.1	64.0	54.6	62.0	45.4	67.1	62.1
Eaton Consortium, MI	72.7	72.7	63.6	72.7	81.8	81.8	54.5	72.7	63.6
Fort Worth, TX	71.3	86.1	83.7	77.9	77.9	78.8	73.8	88.5	80.3
Gaston County, NC	85.7	81.0	76.2	81.0	81.0	81.0	85.7	81.0	71.4
Genesee Consortium, MI	63.2	44.7	60.5	65.8	63.2	60.5	50.0	60.5	58.3
Hillsborough County, FL	51.1	57.1	59.1	62.3	56.4	55.1	59.2	54.2	54.9
Houston, TX	73.3	75.8	77.0	80.0	78.9	74.8	77.5	77.6	77.4
Los Angeles, CA	77.5	71.4	71.3	76.5	73.0	72.9	73.1	85.0	81.2
Nashville, TN	38.9	38.9	41.9	42.1	38.9	38.9	38.9	42.1	45.2
New York City, NY	70.6	72.7	71.2	74.3	71.9	70.0	73.3	71.8	73.9
Newark, NJ	82.2	79.7	79.6	79.7	82.2	86.6	84.7	84.7	89.6
Oakland, CA	50.8	57.3	62.9	71.0	63.8	65.5	54.5	63.6	68.0
Orange County, FL	46.6	49.1	50.4	54.2	50.4	48.7	52.5	53.0	41.5
Palm Beach County, FL	30.2	34.0	41.2	39.3	34.0	32.3	39.4	37.5	39.4
Pasco County, FL	42.9	53.6	60.7	60.7	67.9	57.1	60.7	53.6	53.6
Philadelphia, PA	72.8	76.4	80.2	79.8	79.7	77.2	74.5	79.2	78.7
Portland, OR	46.6	50.7	48.9	68.8	55.7	60.3	48.7	75.8	83.9
San Diego, CA	34.7	37.3	35.4	38.2	37.5	37.3	36.2	41.2	50.9
San Francisco, CA	70.6	70.4	65.4	86.8	78.2	79.3	59.5	83.8	83.4
Seattle, WA	66.7	77.8	66.7	77.8	70.4	70.4	63.0	77.8	77.8
Shelby County, TN	55.3	51.8	53.1	60.3	54.7	55.6	57.4	55.9	56.8
Spartanburg Consortium, SC	50.0	41.2	41.2	35.3	41.2	35.3	52.9	47.1	47.1
Median	62.6	62.9	63.3	71.0	68.1	69.9	60.1	72.3	72.0
Range	30.2-85.7	34.0-86.1	35.4-83.7	35.3-86.8	34.0-82.2	32.3-86.6	36.2-85.7	37.5-88.5	39.4-89.6
TERRITORIAL SURVEY									
Puerto Rico	86.4	88.2	85.5	91.0	88.3	83.7	86.9	88.4	89.2

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools.

Table 29. Percentage of Secondary Schools That Taught a Required Physical Education Course in Each Grade,* Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
STATE SURVEYS							
Alabama	99.0	97.4	98.2	93.2	62.3	54.0	54.0
Alaska	88.9	90.9	90.1	88.2	79.5	72.3	72.1
Arizona	88.4	80.8	78.5	68.0	31.9	26.5	26.5
Arkansas	100.0	98.2	98.3	95.8	83.7	81.9	81.9
Connecticut	98.5	97.7	97.7	97.0	89.9	64.7	53.9
Delaware	100.0	100.0	100.0	94.1	78.2	5.3	12.2
Florida	98.1	97.2	96.7	92.0	61.3	55.6	56.0
Georgia	80.2	78.6	78.1	96.9	35.4	32.8	32.3
Hawaii	83.6	75.3	70.8	88.7	78.3	40.8	36.7
Idaho	76.0	83.1	80.3	70.8	51.4	43.7	39.1
Illinois†	99.4	100.0	99.5	99.2	99.2	97.5	95.7
Indiana	90.2	92.2	91.6	93.2	44.2	21.6	21.2
Iowa	100.0	100.0	100.0	100.0	99.4	98.8	98.8
Kansas	98.7	89.9	89.9	96.2	22.9	19.5	19.5
Kentucky	77.9	76.2	74.6	98.2	29.5	25.8	24.9
Louisiana	94.4	94.1	93.3	98.8	95.0	67.0	66.6
Maine	97.6	97.2	97.1	97.7	77.0	43.1	39.5
Maryland	99.3	99.3	100.0	97.9	57.4	42.4	42.7
Massachusetts	99.7	99.7	99.2	96.4	93.7	86.9	84.3
Michigan	75.0	70.6	64.2	94.7	48.7	38.1	37.9
Minnesota	98.9	97.2	93.8	94.5	72.4	22.6	17.6
Mississippi	91.5	88.1	88.8	94.5	91.6	88.2	87.5
Missouri	99.1	99.4	98.8	95.5	56.8	48.0	48.3
Montana	100.0	100.0	100.0	100.0	87.0	16.6	15.9
Nebraska	98.4	99.4	98.3	93.7	60.5	40.3	40.3
Nevada	86.9	55.2	84.7	95.5	90.0	49.6	48.9
New Hampshire	99.1	97.4	95.7	98.4	81.7	55.2	48.4
New Mexico	86.3	80.7	60.9	96.2	57.6	56.4	54.5
New York	100.0	100.0	99.5	99.1	99.6	99.1	99.6
North Carolina	95.8	95.1	95.5	95.5	28.3	20.8	20.3
North Dakota	100.0	100.0	100.0	93.8	49.0	30.5	27.8
Ohio	87.2	86.0	83.2	85.3	71.1	51.5	53.3
Oklahoma	78.2	57.1	55.7	32.8	31.3	30.4	29.9
Oregon	99.1	99.3	97.3	87.8	65.5	42.9	38.9
Pennsylvania	94.0	94.5	92.9	89.2	82.7	73.8	62.9
Rhode Island	100.0	100.0	100.0	95.0	93.0	95.0	93.3
South Carolina	96.2	92.0	93.0	98.6	48.1	42.4	43.0
Tennessee	94.0	92.2	91.7	98.3	80.9	67.7	67.2
Texas	99.3	97.1	86.0	97.5	83.5	74.3	73.9
Utah	95.7	93.7	93.4	92.9	90.6	69.8	50.8
Vermont	100.0	100.0	98.1	94.8	82.8	49.6	46.1

Table 29. Percentage of Secondary Schools That Taught a Required Physical Education Course in Each Grade,* Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Virginia	100.0	99.3	93.5	99.2	99.2	10.0	9.1
Washington	95.8	96.7	96.6	89.5	75.1	60.7	56.7
West Virginia	100.0	100.0	100.0	95.5	65.3	48.8	48.8
Nationwide	94.9	92.8	90.0	94.0	71.8	56.7	54.1
Range	75.0-100.0	55.2-100.0	55.7-100.0	32.8-100.0	22.9-99.6	5.3-99.1	9.1-99.6
DISTRICT SURVEYS							
Albuquerque, NM	95.8	66.7	39.1	100.0	18.0	18.0	18.0
Boston, MA	100.0	100.0	100.0	81.8	69.7	57.6	60.6
Broward County, FL	94.8	95.3	95.3	88.1	74.3	70.7	73.0
Chicago, IL	98.5	98.6	98.6	97.4	97.4	88.7	88.7
Cleveland, OH	98.5	98.5	98.5	71.0	66.7	70.4	88.5
District of Columbia	100.0	100.0	96.5	94.7	94.4	66.7	64.7
Duval County, FL	100.0	100.0	100.0	85.7	71.4	61.9	66.7
Eaton Consortium, MI	0.0	69.2	53.8	100.0	37.5	37.5	37.5
Fort Worth, TX	100.0	100.0	95.7	94.4	75.8	67.2	59.4
Gaston County, NC	100.0	100.0	100.0	100.0	11.1	0.0	0.0
Genesee Consortium, MI	75.0	60.0	60.0	100.0	58.3	50.0	41.7
Hillsborough County, FL	97.1	97.1	97.1	90.9	45.0	45.0	45.0
Houston, TX	97.5	97.2	89.9	97.0	84.3	74.2	74.2
Los Angeles, CA	98.4	100.0	98.5	100.0	100.0	35.6	34.0
Nashville, TN	93.8	87.3	87.3	100.0	100.0	81.4	78.7
New York City, NY	99.4	100.0	98.0	100.0	100.0	100.0	100.0
Newark, NJ	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Oakland, CA	100.0	100.0	100.0	89.6	67.1	39.7	32.5
Orange County, FL	100.0	100.0	100.0	100.0	92.3	92.3	91.7
Palm Beach County, FL	100.0	100.0	100.0	92.3	61.5	53.8	53.8
Pasco County, FL	100.0	93.8	93.8	100.0	53.8	38.5	38.5
Philadelphia, PA	98.8	98.8	98.8	90.5	78.8	69.7	74.0
Portland, OR	100.0	100.0	100.0	100.0	12.5	12.5	0.0
San Diego, CA	100.0	100.0	100.0	100.0	100.0	48.5	48.5
San Francisco, CA	100.0	100.0	100.0	100.0	100.0	50.0	50.0
Seattle, WA	100.0	93.8	93.8	90.9	81.8	54.5	45.5
Shelby County, TN	88.9	85.6	82.6	100.0	92.0	83.3	82.6
Spartanburg Consortium, SC	89.7	79.1	90.7	100.0	66.7	50.0	50.0
Median	100.0	99.4	98.2	100.0	75.0	56.1	56.6
Range	75.0-100.0	60.0-100.0	39.1-100.0	71.0-100.0	11.1-100.0	0.0-100.0	0.0-100.0
TERRITORIAL SURVEY							
Puerto Rico	86.7	90.1	89.3	89.1	86.5	89.9	88.7

* Among schools with students in that grade.

† Survey did not include schools from Chicago Public Schools.

Table 30. Percentage of Secondary Schools That Engaged in Physical Education Practices, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Provided physical education teachers a written physical education curriculum that aligned with national standards	Required physical education teachers follow a written physical education curriculum	Allowed use of waivers, exemptions, or substitutions for physical education requirements*	Allowed teachers to exclude students from physical education to punish them [†]	Required physical education teachers to be certified, licensed, or endorsed by the state in physical education	Limited physical education class sizes so they are the same size as other subject areas	Had a dedicated budget for physical education materials and equipment	Provided adapted physical education [‡] for students with disabilities	Included students with disabilities in regular physical education courses
STATE SURVEYS									
Alabama	96.2	95.0	56.3	16.8	98.8	49.9	75.9	85.7	98.9
Alaska	63.8	53.0	59.6	4.3	33.8	46.6	56.2	68.5	96.1
Arizona	78.4	73.2	56.8	8.0	70.5	65.0	72.9	72.9	93.8
Arkansas	86.3	83.3	45.3	9.4	94.9	65.7	73.6	76.1	98.4
Connecticut	91.9	91.1	46.3	4.6	99.4	75.2	93.1	76.8	100.0
Delaware	85.2	87.1	55.7	6.4	94.5	51.7	95.3	74.6	97.1
Florida	95.7	93.8	90.6	12.5	97.7	28.9	87.9	77.7	99.1
Georgia	95.1	93.7	59.7	14.9	97.4	52.2	87.3	84.5	100.0
Hawaii	66.7	55.8	43.5	4.4	81.6	73.6	80.1	75.8	99.0
Idaho	70.8	63.3	55.0	7.0	91.1	56.8	79.3	68.4	96.0
Illinois [§]	80.7	77.8	61.0	7.8	98.6	45.1	90.0	77.3	98.9
Indiana	81.9	83.7	55.6	6.4	98.3	62.2	83.8	79.2	98.8
Iowa	84.3	75.7	68.1	6.7	100.0	66.6	86.5	77.6	99.2
Kansas	82.7	72.4	46.4	6.4	98.5	44.0	74.7	77.4	99.4
Kentucky	89.1	85.4	49.0	8.6	97.3	75.2	81.4	78.3	99.5
Louisiana	83.8	79.9	42.8	10.4	86.1	61.5	77.2	97.3	98.9
Maine	85.6	81.3	45.7	4.3	95.9	76.5	94.9	83.2	100.0
Maryland	97.1	96.3	42.4	8.2	98.0	73.3	93.7	84.1	98.9
Massachusetts	88.0	84.6	50.3	8.3	95.2	71.2	91.4	82.7	99.6
Michigan	87.2	85.3	66.3	12.3	96.4	51.3	86.6	57.4	98.3
Minnesota	88.4	83.2	42.3	5.2	99.6	73.1	97.4	98.5	99.6
Mississippi	95.3	89.4	53.4	18.8	99.1	67.4	71.7	68.7	97.6
Missouri	92.0	92.0	52.0	10.0	98.5	58.1	86.7	80.9	99.3
Montana	87.1	84.1	50.5	11.2	93.7	81.6	89.2	77.8	99.6
Nebraska	88.0	87.5	45.0	12.0	99.6	63.8	91.3	81.8	99.6
Nevada	82.8	77.0	74.7	7.8	90.2	44.1	79.2	80.2	99.2
New Hampshire	88.6	86.2	58.7	7.3	99.5	83.0	97.1	73.7	100.0
New Mexico	84.4	78.0	60.4	13.0	96.9	68.4	75.2	78.8	99.1
New York	92.2	90.2	39.6	9.8	98.3	58.8	92.2	84.0	99.4
North Carolina	89.1	84.0	43.3	8.9	91.1	66.9	74.3	82.2	96.9
North Dakota	79.7	68.4	34.0	7.3	99.4	65.4	85.6	79.7	100.0
Ohio	87.7	85.4	59.1	6.2	94.1	68.8	77.6	73.4	97.9
Oklahoma	68.4	56.2	37.3	18.0	91.7	48.1	50.6	73.8	95.0
Oregon	75.0	63.0	49.7	3.6	88.1	51.7	91.9	71.8	99.0
Pennsylvania	84.8	83.8	42.1	11.2	91.8	64.1	76.1	82.3	91.3
Rhode Island	83.9	82.3	61.3	14.0	98.9	80.7	95.9	95.8	97.6
South Carolina	94.0	90.6	67.0	6.6	99.4	54.8	83.4	73.5	98.8
Tennessee	90.0	86.5	47.3	12.3	99.0	87.7	84.0	82.0	100.0
Texas	82.6	81.3	57.0	11.6	99.2	46.0	91.4	88.5	100.0
Utah	91.0	89.6	89.6	4.3	97.8	41.3	91.0	85.2	100.0
Vermont	73.4	76.0	44.0	2.5	99.1	67.6	95.9	83.9	100.0

Table 30. Percentage of Secondary Schools That Engaged in Physical Education Practices, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Provided physical education teachers a written physical education curriculum that aligned with national standards	Required physical education teachers follow a written physical education curriculum	Allowed use of waivers, exemptions, or substitutions for physical education requirements*	Allowed teachers to exclude students from physical education to punish them†	Required physical education teachers to be certified, licensed, or endorsed by the state in physical education	Limited physical education class sizes so they are the same size as other subject areas	Had a dedicated budget for physical education materials and equipment	Provided adapted physical education‡ for students with disabilities	Included students with disabilities in regular physical education courses
Virginia	96.7	92.9	60.9	10.8	97.4	44.1	92.2	87.8	98.5
Washington	73.7	60.0	75.7	5.2	89.1	52.0	84.8	77.3	99.4
West Virginia	95.3	89.6	41.4	9.1	100.0	75.0	90.5	77.4	100.0
Nationwide	87.8	82.7	55.3	9.4	95.3	55.7	81.5	82.3	99.1
Range	63.8-97.1	53.0-96.3	34.0-90.6	2.5-18.8	33.8-100.0	28.9-87.7	50.6-97.4	57.4-98.5	91.3-100.0
DISTRICT SURVEYS									
Albuquerque, NM	87.2	89.7	64.5	21.6	100.0	84.4	84.6	93.2	100.0
Boston, MA	77.2	67.1	32.1	7.7	87.3	83.3	71.0	77.2	97.3
Broward County, FL	97.1	92.9	90.9	18.0	98.6	20.8	83.0	77.7	100.0
Chicago, IL	79.9	76.3	42.9	9.3	97.5	75.0	86.0	66.9	98.4
Cleveland, OH	87.9	82.8	29.6	15.2	96.0	74.7	69.7	57.6	98.0
District of Columbia	100.0	95.7	44.3	12.5	97.9	81.1	95.7	76.0	100.0
Duval County, FL	100.0	97.9	84.8	23.4	100.0	37.0	85.1	70.2	93.6
Eaton Consortium, MI	82.6	82.6	69.6	0.0	100.0	21.7	91.3	82.6	100.0
Fort Worth, TX	100.0	97.0	59.6	19.3	100.0	64.3	82.5	97.7	100.0
Gaston County, NC	100.0	95.2	66.7	9.5	100.0	52.4	71.4	81.0	100.0
Genesee Consortium, MI	78.9	84.2	63.2	5.3	100.0	42.1	52.6	52.6	94.7
Hillsborough County, FL	100.0	98.4	98.4	11.4	100.0	26.1	93.0	83.2	98.1
Houston, TX	98.6	97.4	55.9	12.2	100.0	37.3	81.5	75.1	100.0
Los Angeles, CA	94.3	91.4	35.3	11.7	98.0	26.5	84.5	100.0	100.0
Nashville, TN	87.9	86.6	63.5	23.9	100.0	82.0	82.1	86.1	100.0
New York City, NY	84.6	85.8	39.4	9.3	99.3	42.8	84.2	80.2	99.3
Newark, NJ	100.0	100.0	54.9	7.7	100.0	71.6	91.4	61.1	100.0
Oakland, CA	64.7	65.4	59.9	13.8	82.8	42.0	61.4	66.0	95.6
Orange County, FL	100.0	88.5	95.2	11.3	100.0	21.5	92.0	78.6	94.2
Palm Beach County, FL	98.3	98.0	91.7	11.8	96.1	23.3	91.7	86.0	100.0
Pasco County, FL	100.0	96.4	85.7	3.6	100.0	28.6	100.0	78.6	100.0
Philadelphia, PA	89.9	92.4	48.2	12.4	97.4	87.9	59.7	82.7	100.0
Portland, OR	84.8	78.5	44.5	0.0	93.0	42.7	87.2	73.9	100.0
San Diego, CA	87.5	83.4	30.7	10.2	96.5	37.6	72.0	96.6	100.0
San Francisco, CA	96.0	82.1	55.8	11.4	88.6	85.8	100.0	88.1	100.0
Seattle, WA	92.6	81.5	92.6	7.4	100.0	46.2	88.5	88.9	100.0
Shelby County, TN	100.0	96.7	66.7	20.3	98.3	83.4	73.2	81.7	100.0
Spartanburg Consortium, SC	94.4	88.9	52.8	0.0	100.0	58.3	83.3	83.3	100.0
Median	94.4	89.3	59.7	11.4	99.7	44.5	84.3	80.6	100.0
Range	64.7-100.0	65.4-100.0	29.6-98.4	0.0-23.9	82.8-100.0	20.8-87.9	52.6-100.0	52.6-100.0	93.6-100.0
TERRITORIAL SURVEY									
Puerto Rico	99.4	100.0	57.7	50.2	96.9	79.2	95.7	44.2	85.8

* For one grading period or longer.

† For inappropriate behavior or failure to complete class work in another class.

‡ Special courses separate from regular physical education courses.

§ Survey did not include schools from Chicago Public Schools.

Table 31. Percentage of Secondary Schools That Offered Specific Physical Activity Opportunities for Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Students participate in physical activity in classrooms during the school day	Offered opportunities for all students to be physically active during the school day*	Offered opportunities for students to participate in physical activity before the school day [†]	Offered opportunities for students to participate in physical activity after the school day [†]	Offered interscholastic sports	Had core CSPAP elements in place (performance measure) [‡]
STATE SURVEYS						
Alabama	47.6	48.8	34.3	85.9	71.1	36.9
Alaska	82.7	95.1	58.8	92.2	81.5	63.1
Arizona	64.5	90.1	56.4	85.1	82.3	46.8
Arkansas	49.9	67.7	57.3	79.5	77.0	47.0
Connecticut	50.6	59.3	25.2	88.1	85.0	55.6
Delaware	61.0	49.8	24.7	98.2	91.7	48.9
Florida	47.1	56.2	44.8	91.0	85.4	48.3
Georgia	57.0	51.8	41.9	85.3	82.1	34.3
Hawaii	74.1	90.9	59.2	87.0	76.2	49.9
Idaho	57.8	86.9	57.2	77.6	80.8	39.3
Illinois [§]	41.7	62.4	43.1	82.1	91.9	51.8
Indiana	43.7	51.6	52.4	89.9	84.7	33.9
Iowa	47.3	55.6	74.1	89.8	87.6	44.3
Kansas	60.6	56.0	59.1	85.1	86.1	28.0
Kentucky	54.8	49.3	32.3	85.3	78.5	29.5
Louisiana	48.9	84.1	15.3	80.7	75.8	61.4
Maine	69.1	77.5	40.9	88.9	89.4	69.1
Maryland	54.8	70.4	27.6	89.0	80.3	57.5
Massachusetts	52.7	68.1	40.4	92.0	84.6	67.4
Michigan	55.8	71.9	38.8	88.5	85.6	36.9
Minnesota	57.0	74.3	70.9	91.7	86.3	39.6
Mississippi	49.7	58.7	26.3	77.3	80.6	50.3
Missouri	51.6	57.1	55.8	91.3	84.1	43.7
Montana	56.9	83.4	72.0	92.0	85.9	55.5
Nebraska	58.6	76.1	70.7	88.9	84.2	39.0
Nevada	48.2	82.2	34.7	82.2	87.2	46.4
New Hampshire	73.2	75.1	44.7	87.8	90.9	69.5
New Mexico	55.9	84.7	46.9	77.6	81.3	29.3
New York	58.0	80.8	47.4	94.2	91.5	75.2
North Carolina	57.2	63.1	21.8	76.5	67.5	37.4
North Dakota	60.0	67.3	78.4	93.1	80.6	39.2
Ohio	49.5	65.6	33.5	80.8	82.2	37.4
Oklahoma	60.0	85.5	60.4	86.0	85.9	19.9
Oregon	46.0	84.7	48.7	79.9	79.6	61.0
Pennsylvania	44.8	55.4	29.3	75.5	82.0	39.7
Rhode Island	46.6	57.8	34.6	82.8	90.7	50.9
South Carolina	57.0	77.8	32.8	87.7	85.3	55.0
Tennessee	81.6	77.9	36.4	84.6	79.1	68.3
Texas	56.6	67.4	78.9	93.3	86.0	53.6
Utah	49.9	73.5	56.1	79.3	69.7	55.2
Vermont	87.8	84.6	53.3	91.2	87.7	79.8
Virginia	51.1	57.7	32.1	84.0	76.9	52.6

Table 31. Percentage of Secondary Schools That Offered Specific Physical Activity Opportunities for Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Students participate in physical activity in classrooms during the school day	Offered opportunities for all students to be physically active during the school day [*]	Offered opportunities for students to participate in physical activity before the school day [†]	Offered opportunities for students to participate in physical activity after the school day [†]	Offered interscholastic sports	Had core CSPAP elements in place (performance measure) [‡]
Washington	39.8	72.5	55.1	76.5	78.8	56.8
West Virginia	85.1	88.6	22.3	90.9	86.3	66.7
Nationwide	54.3	70.7	47.1	85.1	83.5	49.9
Range	39.8-87.8	48.8-95.1	15.3-78.9	75.5-98.2	67.5-91.9	19.9-79.8
DISTRICT SURVEYS						
Albuquerque, NM	62.3	85.8	55.6	81.9	88.8	18.6
Boston, MA	68.2	83.5	50.4	83.2	82.8	67.0
Broward County, FL	50.4	45.2	28.9	85.6	83.0	42.1
Chicago, IL	81.2	91.4	55.6	92.1	88.1	85.3
Cleveland, OH	74.7	91.9	37.8	86.5	73.7	70.9
District of Columbia	63.8	93.8	45.7	93.8	89.4	87.8
Duval County, FL	34.8	40.4	20.5	87.2	72.3	40.4
Eaton Consortium, MI	56.5	73.9	28.6	71.4	91.3	11.1
Fort Worth, TX	45.2	80.1	63.3	76.6	72.7	64.3
Gaston County, NC	61.9	66.7	23.8	66.7	81.0	40.0
Genesee Consortium, MI	26.3	52.6	26.3	78.9	78.9	36.8
Hillsborough County, FL	49.9	48.8	43.8	83.6	95.3	47.7
Houston, TX	57.4	71.7	68.7	92.8	85.6	64.9
Los Angeles, CA	30.9	93.2	47.8	96.0	90.3	91.0
Nashville, TN	81.6	90.4	19.9	76.8	88.4	55.9
New York City, NY	53.5	80.5	57.6	94.3	87.9	74.9
Newark, NJ	64.4	90.0	39.3	100.0	89.4	86.8
Oakland, CA	50.9	82.8	35.0	91.3	76.1	60.2
Orange County, FL	44.3	38.6	58.0	85.5	83.5	53.6
Palm Beach County, FL	41.4	58.1	47.5	94.9	94.8	57.6
Pasco County, FL	32.1	57.1	18.5	89.3	85.7	46.2
Philadelphia, PA	62.2	89.0	36.3	80.8	72.5	66.3
Portland, OR	65.1	87.2	34.9	76.8	61.7	57.6
San Diego, CA	62.1	92.8	51.1	86.8	56.0	88.0
San Francisco, CA	62.5	95.6	37.7	97.1	75.0	95.8
Seattle, WA	44.4	85.2	59.3	92.6	96.2	75.0
Shelby County, TN	68.5	77.8	24.2	88.2	84.8	59.1
Spartanburg Consortium, SC	72.2	77.8	47.2	88.9	88.9	54.0
Median	59.7	81.7	41.6	87.0	85.2	59.7
Range	26.3-81.6	38.6-95.6	18.5-68.7	66.7-100.0	56.0-96.2	11.1-95.8
TERRITORIAL SURVEY						
Puerto Rico	97.2	99.4	79.2	71.7	97.7	29.8

^{*} Outside of physical education and classroom physical activity.

[†] Through organized physical activities or access to facilities or equipment for physical activity.

[‡] Comprehensive School Physical Activity Program (CSPAP). Core elements include requiring physical education (PE) in all of grades 6-9 and at least one of grades 10-12, having any practices in place from Table 30, providing physical activity during the school day outside of PE, and offering physical activity before or after school.

[§] Survey did not include schools from Chicago Public Schools.

Table 32. Percentage of Secondary Schools That Have Process and Supporting Elements in Place for a Comprehensive School Physical Activity Program (CSPAP), Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Has a written plan providing opportunities for students to be physically active	Physical education teacher or specialist received professional development on physical education or physical activity ^a	Provided parents with information about physical education and physical activity programs	Involved parents as school volunteers in physical education or physical activity programs	Had a joint use agreement for shared use of school or community physical activity facilities	Assessed opportunities available to students to be physically active	Have at least one of these elements in place (performance measure)	Have established, implemented and/or evaluated a Comprehensive School Physical Activity Program (CSPAP) (performance measure) ^b
STATE SURVEYS								
Alabama	19.7	88.4	61.3	37.4	70.3	51.6	97.3	36.9
Alaska	21.5	41.9	52.1	44.0	70.6	56.9	91.6	58.2
Arizona	16.3	67.2	48.3	30.7	61.2	57.1	96.6	46.6
Arkansas	25.9	84.5	67.5	43.1	58.6	52.8	99.2	47.0
Connecticut	17.0	92.0	70.3	27.3	68.1	51.0	99.6	55.6
Delaware	28.1	95.2	77.4	35.3	70.8	47.2	98.2	48.9
Florida	24.2	93.7	66.5	36.7	71.1	53.9	99.7	48.3
Georgia	22.9	89.4	63.9	37.3	75.8	48.9	100.0	34.3
Hawaii	19.6	75.3	64.5	37.7	59.2	57.8	97.1	49.9
Idaho	18.4	68.9	54.4	30.2	64.8	48.4	93.8	38.4
Illinois [†]	14.8	93.7	69.8	23.5	59.5	46.2	99.0	51.8
Indiana	14.3	74.1	67.5	31.6	59.5	42.9	96.2	33.3
Iowa	18.3	78.0	57.6	23.0	61.8	41.1	93.6	42.3
Kansas	15.8	85.5	56.4	13.8	72.6	41.1	98.9	28.0
Kentucky	31.5	82.4	63.7	36.1	50.4	58.3	96.1	29.0
Louisiana	18.3	77.8	51.9	27.4	51.1	53.0	89.7	56.1
Maine	12.2	88.0	66.4	34.0	67.4	50.2	96.6	67.9
Maryland	25.4	96.3	77.4	37.3	78.0	54.1	99.2	57.2
Massachusetts	19.8	92.0	76.4	28.1	63.7	57.2	99.3	66.9
Michigan	13.0	79.2	60.0	33.0	57.8	48.8	96.3	36.7
Minnesota	19.5	91.2	69.4	27.0	76.8	54.8	98.9	38.9
Mississippi	29.3	76.2	59.2	34.7	51.4	51.8	94.1	49.2
Missouri	25.8	84.6	68.3	25.0	62.9	58.5	98.2	43.7
Montana	15.6	81.5	66.7	43.3	68.3	45.9	98.8	54.2
Nebraska	22.3	83.5	67.5	28.2	67.2	58.8	98.3	39.0
Nevada	20.0	64.7	62.6	32.7	68.1	50.8	96.5	46.4
New Hampshire	18.4	95.0	78.2	34.9	71.0	56.0	98.9	69.5
New Mexico	18.7	66.4	62.2	38.3	63.5	50.0	93.8	28.1
New York	34.2	96.3	75.5	32.9	69.5	70.0	100.0	75.1
North Carolina	18.7	82.5	53.2	26.7	69.2	41.9	94.7	36.9
North Dakota	16.6	76.0	56.4	27.0	69.1	46.9	94.9	36.0
Ohio	14.2	75.3	54.5	22.8	50.1	49.9	94.7	36.3
Oklahoma	29.1	69.2	50.1	37.9	52.0	63.4	94.5	19.9
Oregon	14.3	73.1	74.6	37.3	71.7	46.7	97.3	61.0
Pennsylvania	21.0	72.9	57.8	22.7	61.0	49.3	87.7	39.3
Rhode Island	22.7	88.5	68.6	24.4	63.7	52.6	99.1	50.9
South Carolina	29.4	93.6	78.5	37.9	58.0	44.9	100.0	55.0
Tennessee	41.4	94.1	68.5	38.3	58.6	66.5	98.3	67.8
Texas	27.9	91.5	63.6	31.4	58.4	55.5	98.9	53.4
Utah	18.3	89.9	70.3	31.9	76.6	47.1	99.3	55.2

Table 32. Percentage of Secondary Schools That Have Process and Supporting Elements in Place for a Comprehensive School Physical Activity Program (CSPAP), Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Has a written plan providing opportunities for students to be physically active	Physical education teacher or specialist received professional development on physical education or physical activity*	Provided parents with information about physical education and physical activity programs	Involved parents as school volunteers in physical education or physical activity programs	Had a joint use agreement for shared use of school or community physical activity facilities	Assessed opportunities available to students to be physically active	Have at least one of these elements in place (performance measure)	Have established, implemented and/or evaluated a Comprehensive School Physical Activity Program (CSPAP) (performance measure)†
Vermont	12.2	99.2	68.4	39.7	64.3	52.1	100.0	79.8
Virginia	19.7	93.1	74.1	21.6	79.4	51.7	99.7	52.6
Washington	11.2	78.4	70.6	27.8	75.9	42.6	96.9	55.9
West Virginia	36.4	83.2	64.1	40.0	72.1	68.1	99.2	66.7
Nationwide	22.6	83.2	63.1	29.4	62.9	52.0	95.1	48.7
Range	11.2-41.4	41.9-99.2	48.3-78.5	13.8-44.0	50.1-79.4	41.1-70.0	87.7-100.0	19.9-79.8
DISTRICT SURVEYS								
Albuquerque, NM	20.4	97.4	67.9	48.1	80.4	60.2	100.0	18.6
Boston, MA	43.0	90.3	56.2	43.2	45.2	83.4	98.6	67.0
Broward County, FL	25.8	87.7	65.7	39.4	66.3	65.1	96.8	42.1
Chicago, IL	35.5	87.7	69.8	39.3	41.4	73.6	99.2	84.2
Cleveland, OH	21.4	90.6	55.6	34.0	46.4	59.6	95.0	67.5
District of Columbia	44.6	100.0	71.7	38.4	63.8	61.6	100.0	87.8
Duval County, FL	23.9	100.0	65.2	34.8	57.4	46.8	100.0	40.4
Eaton Consortium, MI	0.0	91.3	71.4	33.3	57.1	33.3	100.0	11.1
Fort Worth, TX	38.1	100.0	69.6	38.0	55.4	62.1	100.0	64.3
Gaston County, NC	33.3	95.0	57.1	14.3	61.9	52.4	100.0	40.0
Genesee Consortium, MI	5.3	61.1	47.4	21.1	42.1	42.1	94.7	36.8
Hillsborough County, FL	18.6	96.6	60.4	33.6	64.7	42.1	100.0	47.7
Houston, TX	49.4	100.0	79.4	65.8	49.7	77.2	100.0	64.9
Los Angeles, CA	34.3	83.9	74.2	32.7	73.4	61.1	100.0	91.0
Nashville, TN	34.8	95.0	31.4	31.4	58.7	53.7	100.0	53.6
New York City, NY	37.2	96.1	78.2	32.2	61.4	73.2	99.6	74.3
Newark, NJ	25.6	100.0	66.2	40.7	54.6	81.2	100.0	86.8
Oakland, CA	21.3	73.4	40.0	23.6	79.2	42.2	100.0	60.2
Orange County, FL	24.1	98.0	56.9	34.0	72.0	56.5	100.0	53.6
Palm Beach County, FL	28.0	100.0	66.9	46.6	76.7	71.8	100.0	57.6
Pasco County, FL	14.3	92.9	82.1	50.0	57.1	60.7	100.0	46.2
Philadelphia, PA	25.8	98.4	68.1	33.5	63.1	61.6	99.0	66.3
Portland, OR	11.3	93.3	74.0	38.5	100.0	58.1	100.0	57.6
San Diego, CA	29.8	90.3	85.3	53.2	65.4	58.0	98.3	86.1
San Francisco, CA	39.9	86.1	74.2	48.0	69.9	57.4	100.0	95.8
Seattle, WA	25.9	96.0	88.0	56.0	88.9	48.1	100.0	75.0
Shelby County, TN	38.3	93.1	55.0	34.4	55.1	59.9	98.4	59.1
Spartanburg Consortium, SC	30.6	100.0	70.8	5.6	58.3	54.2	100.0	54.0
Median	27.0	95.0	68.0	36.4	61.7	59.7	100.0	59.7
Range	0.0-49.4	61.1-100.0	31.4-88.0	5.6-65.8	41.4-100.0	33.3-83.4	94.7-100.0	11.1-95.8
TERRITORIAL SURVEY								
Puerto Rico	89.6	92.6	68.5	83.4	99.4	34.7	100.0	29.8

* During the year before the survey.

† Have both performance measures from Tables 31 and 32 in place.

‡ Survey did not include schools from Chicago Public Schools.

Table 33. Percentage of Secondary Schools That Allowed Students to Purchase Snack Foods or Beverages from One or More Vending Machines or at the School Store, Canteen, or Snack Bar; the Percentage That Allowed Students to Purchase Baked Goods,* Salty Snacks,* Candy, Soda Pop or Fruit Drinks,† or Sports Drinks From These Venues; and the Percentage That Did Not Sell These Less Nutritious Foods and Beverages in These Venues,* Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Allowed students to purchase snack foods or beverages	Allowed students to purchase food or beverage						Did not sell any of these 6 items (performance measure)
		Chocolate candy	Other kinds of candy	Salty snacks	Cookies, crackers, cakes, pastries, or other baked goods	Soda pop or fruit drinks	Sports drinks	
STATE SURVEYS								
Alabama	54.9	12.3	18.1	17.2	19.4	20.1	37.4	58.7
Alaska	35.7	14.0	13.4	18.0	14.8	15.5	25.6	70.2
Arizona	39.9	12.2	13.6	17.7	18.9	10.5	24.7	70.8
Arkansas	40.2	5.1	6.0	11.4	9.8	13.4	24.8	68.0
Connecticut	40.9	1.8	3.5	15.9	15.4	4.4	7.8	77.0
Delaware	46.4	7.5	8.4	19.5	24.1	10.3	31.6	62.8
Florida	60.4	12.1	14.9	25.8	20.9	19.9	39.7	52.0
Georgia	77.0	23.3	32.9	32.4	28.8	31.7	46.7	36.4
Hawaii	22.7	3.8	3.8	7.4	4.9	6.5	8.2	87.6
Idaho	68.7	17.8	20.8	19.9	19.2	28.9	40.8	51.0
Illinois†	50.9	20.2	22.6	26.7	24.3	26.6	36.2	55.2
Indiana	61.1	16.8	19.3	24.6	25.0	29.7	44.3	47.6
Iowa	67.1	5.8	7.0	11.4	12.4	11.5	39.9	53.2
Kansas	67.8	8.4	15.6	19.0	17.8	18.3	39.7	48.8
Kentucky	54.0	13.5	19.0	15.9	15.9	20.6	31.8	60.6
Louisiana	72.6	37.2	44.5	37.9	35.9	33.0	53.2	35.2
Maine	48.2	2.5	3.8	11.7	14.2	5.5	22.1	67.2
Maryland	54.6	12.1	14.6	28.7	27.7	15.3	26.1	59.1
Massachusetts	50.7	3.3	4.8	17.6	15.3	3.8	11.3	70.5
Michigan	61.5	18.5	21.1	31.1	29.3	31.7	41.5	45.1
Minnesota	67.4	11.0	14.9	22.2	26.6	17.6	39.7	49.5
Mississippi	63.8	11.3	18.9	16.4	15.5	22.0	43.8	52.1
Missouri	66.3	14.5	20.8	21.5	22.0	27.4	44.4	43.0
Montana	71.3	21.0	23.0	28.1	25.0	33.2	53.8	39.1
Nebraska	62.7	11.1	13.6	17.9	21.7	22.1	36.1	49.5
Nevada	68.0	17.2	24.1	25.5	25.7	20.7	50.8	45.1
New Hampshire	62.1	4.2	8.3	14.5	16.8	7.6	27.9	63.0
New Mexico	56.9	11.9	14.7	25.1	19.4	10.9	34.7	54.0
New York	68.5	11.2	15.7	29.7	29.8	10.4	32.9	49.7
North Carolina	41.5	13.7	14.4	24.2	21.0	20.3	29.4	63.6
North Dakota	73.2	14.7	17.5	22.3	18.8	22.6	46.0	45.9
Ohio	54.5	13.5	15.8	21.8	21.4	21.2	34.5	54.6
Oklahoma	53.3	18.9	24.8	21.7	21.6	21.5	32.6	57.0
Oregon	53.9	10.7	14.4	18.2	20.1	21.4	28.7	57.1
Pennsylvania	55.0	9.7	12.5	22.9	25.1	17.9	35.4	53.5
Rhode Island	56.9	0.9	5.8	13.5	12.6	5.0	22.1	69.3
South Carolina	73.8	16.4	24.4	24.4	25.9	22.5	45.7	41.3
Tennessee	63.0	17.9	22.5	22.5	21.9	25.0	37.4	52.6
Texas	56.9	9.1	10.7	21.9	21.4	14.3	30.7	56.6
Utah	73.9	24.7	28.3	27.8	22.1	31.1	44.7	39.5
Vermont	42.0	2.5	3.3	11.8	15.0	5.7	16.8	74.9

Table 33. Percentage of Secondary Schools That Allowed Students to Purchase Snack Foods or Beverages from One or More Vending Machines or at the School Store, Canteen, or Snack Bar; the Percentage That Allowed Students to Purchase Baked Goods,* Salty Snacks,* Candy, Soda Pop or Fruit Drinks,† or Sports Drinks From These Venues; and the Percentage That Did Not Sell These Less Nutritious Foods and Beverages in These Venues,* Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Allowed students to purchase snack foods or beverages	Allowed students to purchase food or beverage						Did not sell any of these 6 items (performance measure)
		Chocolate candy	Other kinds of candy	Salty snacks	Cookies, crackers, cakes, pastries, or other baked goods	Soda pop or fruit drinks	Sports drinks	
Virginia	59.1	12.6	19.4	22.0	24.7	22.7	37.5	49.7
Washington	66.4	6.9	12.8	21.2	18.6	16.4	25.6	56.8
West Virginia	51.8	1.8	1.9	9.5	8.6	1.7	10.9	78.4
Nationwide	58.8	13.0	16.9	24.4	23.8	18.7	34.7	53.4
Range	22.7-77.0	0.9-37.2	1.9-44.5	7.4-37.9	4.9-35.9	1.7-33.2	7.8-53.8	35.2-87.6
DISTRICT SURVEYS								
Albuquerque, NM	80.4	0.0	10.5	37.1	29.2	16.3	38.1	41.7
Boston, MA	20.8	4.3	4.2	9.9	4.3	1.4	5.5	87.5
Broward County, FL	79.3	29.0	32.6	41.4	34.9	39.3	56.0	30.1
Chicago, IL	25.3	2.1	5.2	5.7	4.5	4.8	10.0	85.1
Cleveland, OH	23.0	14.0	13.0	17.0	15.0	11.0	17.0	80.0
District of Columbia	21.6	10.7	15.1	12.9	11.0	8.5	12.8	84.9
Duval County, FL	54.3	8.7	13.0	22.7	15.6	26.1	28.3	55.6
Eaton Consortium, MI	81.0	42.9	42.9	52.4	42.9	42.9	81.0	19.0
Fort Worth, TX	38.5	2.4	2.4	8.7	5.6	2.4	21.2	78.8
Gaston County, NC	52.6	22.2	26.3	38.9	26.3	36.8	31.6	52.6
Genesee Consortium, MI	78.9	52.6	57.9	57.9	78.9	68.4	57.9	21.1
Hillsborough County, FL	65.6	11.7	16.6	32.4	32.4	26.7	46.3	39.5
Houston, TX	82.7	22.7	24.3	54.5	56.0	38.6	51.9	33.0
Los Angeles, CA	93.1	13.3	23.3	36.4	35.6	12.2	54.9	26.2
Nashville, TN	64.1	22.8	26.7	34.6	29.8	13.6	36.1	44.0
New York City, NY	61.0	15.7	21.6	30.2	30.0	9.8	19.3	53.0
Newark, NJ	31.7	7.5	7.5	21.9	17.4	12.0	26.8	68.3
Oakland, CA	23.6	8.5	8.5	23.6	23.6	19.6	20.4	76.4
Orange County, FL	42.3	8.7	11.2	15.8	15.0	8.0	26.9	67.3
Palm Beach County, FL	66.6	27.3	31.4	40.0	43.3	31.1	44.6	42.8
Pasco County, FL	100.0	4.0	8.0	24.0	16.0	36.0	52.0	32.0
Philadelphia, PA	40.9	11.3	17.1	24.5	28.0	9.8	19.5	63.9
Portland, OR	17.5	7.9	7.9	7.9	6.4	6.4	3.2	85.7
San Diego, CA	57.7	5.3	8.7	14.0	12.8	7.0	30.8	60.1
San Francisco, CA	18.8	0.0	0.0	0.0	3.5	0.0	7.6	88.8
Seattle, WA	42.3	7.7	7.7	15.4	3.8	3.8	19.2	76.9
Shelby County, TN	18.9	10.3	8.7	8.7	6.9	13.8	17.3	82.7
Spartanburg Consortium, SC	52.8	0.0	5.6	11.1	5.6	16.7	34.7	59.7
Median	52.7	9.5	12.1	23.2	16.7	12.9	27.6	59.9
Range	17.5-100.0	0.0-52.6	0.0-57.9	0.0-57.9	3.5-78.9	0.0-68.4	3.2-81.0	19.0-88.8
TERRITORIAL SURVEY								
Puerto Rico	2.8	0.0	0.0	0.0	0.5	0.0	0.0	99.5

* That are low in fat.

† That are not 100% juice.

‡ Survey did not include schools from Chicago Public Schools.

Table 34. Percentage of Secondary Schools That Allowed Students to Purchase Less Nutritious Foods and Beverages From Vending Machines or at the School Store, Canteen, or Snack Bar, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	2% or whole milk (plain or flavored)	Water ices or frozen slushes that do not contain juice	Foods or beverages containing caffeine	Ice cream or frozen yogurt*	Energy drinks	Did not sell any of 8 less nutritious items (performance measure)†
STATE SURVEYS						
Alabama	17.2	11.0	22.0	3.2	2.7	56.9
Alaska	7.5	9.9	14.7	3.6	3.0	70.2
Arizona	15.7	7.0	9.2	5.2	3.0	70.8
Arkansas	15.9	10.7	12.1	7.1	1.4	67.0
Connecticut	16.2	4.8	1.3	11.5	1.3	74.5
Delaware	24.1	6.5	10.3	14.9	1.9	62.8
Florida	24.8	15.4	16.2	13.4	6.1	50.9
Georgia	31.2	22.6	25.6	24.1	2.7	32.9
Hawaii	4.3	3.1	4.2	2.8	1.0	87.6
Idaho	15.2	10.4	31.6	4.8	1.8	50.1
Illinois†	22.7	12.5	24.6	14.3	6.6	54.5
Indiana	20.2	13.8	30.9	14.5	5.8	46.6
Iowa	13.9	11.9	16.2	5.3	5.6	51.9
Kansas	13.8	11.3	23.7	5.8	7.6	48.1
Kentucky	10.9	7.7	21.8	7.9	1.7	59.5
Louisiana	17.7	15.7	26.2	8.0	3.7	34.3
Maine	13.6	4.7	9.8	11.2	1.0	65.8
Maryland	23.9	13.5	6.1	18.1	1.4	56.3
Massachusetts	21.7	8.9	3.4	12.9	0.5	68.5
Michigan	23.3	19.2	25.4	14.8	4.2	44.4
Minnesota	21.5	17.2	21.5	10.6	3.6	48.4
Mississippi	19.3	14.3	26.5	10.2	4.7	51.6
Missouri	22.9	16.1	26.6	10.2	4.6	43.0
Montana	16.9	9.8	27.3	6.8	2.8	38.7
Nebraska	19.0	12.5	23.1	8.4	3.5	48.2
Nevada	32.5	12.1	15.1	17.3	1.8	44.3
New Hampshire	20.8	9.9	16.6	14.8	0.6	58.5
New Mexico	20.2	14.4	15.3	8.8	2.7	53.6
New York	28.2	13.2	12.6	19.1	3.0	48.1
North Carolina	16.4	10.2	16.4	10.2	3.1	63.6
North Dakota	12.2	10.4	22.4	5.2	3.9	44.8
Ohio	16.8	11.1	22.3	9.9	4.9	54.0
Oklahoma	12.0	10.5	21.5	9.0	2.2	56.6
Oregon	11.5	9.3	17.9	5.9	3.0	56.6
Pennsylvania	22.0	10.2	16.1	15.9	6.8	52.4
Rhode Island	23.1	6.5	2.0	11.6	0.0	67.1
South Carolina	21.2	17.8	25.6	13.2	3.0	38.7
Tennessee	17.2	13.9	24.0	12.5	2.9	51.2
Texas	28.6	15.4	13.2	21.4	1.9	55.0
Utah	12.5	12.9	33.4	4.3	8.3	39.5
Vermont	21.5	6.5	18.8	11.7	0.0	72.4

Table 34. Percentage of Secondary Schools That Allowed Students to Purchase Less Nutritious Foods and Beverages From Vending Machines or at the School Store, Canteen, or Snack Bar, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	2% or whole milk (plain or flavored)	Water ices or frozen slushes that do not contain juice	Foods or beverages containing caffeine	Ice cream or frozen yogurt*	Energy drinks	Did not sell any of 8 less nutritious items (performance measure)†
Virginia	22.5	10.8	19.0	16.2	2.4	47.8
Washington	15.0	11.1	22.9	3.4	9.6	56.3
West Virginia	8.3	4.5	2.7	3.0	0.0	77.3
Nationwide	21.9	13.6	17.5	14.8	3.8	52.4
Range	4.3-32.5	3.1-22.6	1.3-33.4	2.8-24.1	0.0-9.6	32.9-87.6
DISTRICT SURVEYS						
Albuquerque, NM	52.8	32.7	11.1	25.6	8.1	39.2
Boston, MA	2.8	4.4	1.4	1.4	0.0	87.5
Broward County, FL	30.8	21.4	35.4	19.8	3.3	28.6
Chicago, IL	6.3	7.1	1.8	1.3	2.2	85.0
Cleveland, OH	5.1	9.0	8.1	3.0	1.0	80.0
District of Columbia	8.5	4.3	2.1	4.3	2.1	84.9
Duval County, FL	15.6	13.0	19.6	6.7	8.7	54.3
Eaton Consortium, MI	52.4	38.1	47.6	19.0	9.5	19.0
Fort Worth, TX	15.6	15.0	5.6	14.2	2.4	76.3
Gaston County, NC	15.8	10.5	31.6	5.3	5.3	52.6
Genesee Consortium, MI	52.6	47.4	52.6	52.6	26.3	21.1
Hillsborough County, FL	34.3	18.5	28.0	19.1	11.5	39.5
Houston, TX	67.6	23.9	18.3	47.3	3.2	28.2
Los Angeles, CA	31.8	27.5	6.2	33.2	2.0	23.3
Nashville, TN	26.9	18.4	5.3	9.9	10.1	44.0
New York City, NY	17.5	10.6	6.3	10.1	1.5	52.3
Newark, NJ	2.4	4.8	2.4	2.4	4.7	68.3
Oakland, CA	15.8	11.8	4.6	12.5	7.9	76.4
Orange County, FL	15.3	6.3	11.8	4.1	0.0	67.3
Palm Beach County, FL	24.1	24.0	20.5	24.5	5.3	42.8
Pasco County, FL	28.0	20.0	40.0	12.0	28.0	32.0
Philadelphia, PA	11.2	5.4	4.1	17.2	1.7	63.9
Portland, OR	0.0	0.0	3.2	0.0	0.0	85.7
San Diego, CA	29.1	8.7	0.0	10.9	0.0	60.1
San Francisco, CA	0.0	0.0	3.5	0.0	0.0	88.8
Seattle, WA	15.4	3.8	3.8	0.0	0.0	76.9
Shelby County, TN	3.4	5.2	7.0	1.7	1.7	82.7
Spartanburg Consortium, SC	30.6	16.7	23.6	11.1	5.6	59.7
Median	15.8	11.2	6.6	10.5	2.8	59.9
Range	0.0-67.6	0.0-47.4	0.0-52.6	0.0-52.6	0.0-28.0	19.0-88.8
TERRITORIAL SURVEY						
Puerto Rico	0.0	0.0	0.5	0.0	0.0	99.5

* That is not low in fat.

† Chocolate candy; other kinds of candy; salty snacks not low in fat; cookies, crackers, cakes, pastries, or other baked goods not low in fat; ice cream or frozen yogurt not low in fat; soda pop or fruit drinks that are not 100% juice; sports drinks; energy drinks.

‡ Survey did not include schools from Chicago Public Schools.

Table 35. Percentage of Secondary Schools That Allowed Students to Purchase More Nutritious Snacks or Beverages from One or More Vending Machines or at the School Store, Canteen, or Snack Bar and the Percentage That Always or Almost Always Offered Fruits or Non-Fried Vegetables at School Celebrations, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Allowed students to purchase food or beverage						Non-fried vegetables (not vegetable juice)	Always or almost always offered fruits or non-fried vegetables at school celebrations
	Low sodium or "no added salt" pretzels, crackers, or chips	Nonfat or 1% (low-fat) milk (plain)	Plain water*	Calorie-free, flavored water*	100% fruit or vegetable juice	Fruits (not fruit juice)		
STATE SURVEYS								
Alabama	41.5	21.7	51.7	32.2	31.7	14.9	11.4	41.4
Alaska	23.3	8.7	30.3	21.1	22.3	9.1	5.8	41.4
Arizona	29.1	21.5	35.5	17.9	23.2	19.1	10.9	30.0
Arkansas	26.9	20.7	35.9	19.7	23.2	18.9	12.0	24.3
Connecticut	31.6	25.3	35.4	18.2	21.4	22.0	17.7	40.6
Delaware	36.1	31.5	44.5	28.9	25.0	23.1	19.4	53.7
Florida	45.6	29.6	54.6	28.5	35.4	27.8	23.8	32.8
Georgia	56.1	43.2	71.3	46.1	47.7	26.3	18.5	33.6
Hawaii	13.4	4.3	19.3	5.3	10.6	7.4	4.1	41.8
Idaho	50.6	21.5	59.0	40.8	38.4	14.2	7.8	33.7
Illinois [†]	35.2	27.7	47.5	32.2	33.0	27.6	23.4	23.2
Indiana	46.7	31.5	56.1	40.9	41.1	29.6	23.5	21.8
Iowa	46.6	32.9	62.9	48.4	46.2	19.0	14.0	17.7
Kansas	51.2	26.4	62.4	43.8	35.9	16.7	14.3	18.0
Kentucky	35.4	21.5	50.7	31.7	28.5	17.2	8.8	26.0
Louisiana	56.7	20.9	67.6	33.7	38.1	13.7	6.7	24.8
Maine	33.1	21.7	46.5	36.1	30.0	20.9	18.5	54.3
Maryland	48.1	28.3	48.4	24.8	33.1	28.5	20.6	26.4
Massachusetts	40.8	32.3	46.9	29.6	29.8	29.3	21.9	44.2
Michigan	50.2	35.9	58.8	43.5	42.4	35.0	23.6	33.5
Minnesota	58.5	37.1	63.9	52.2	49.1	34.5	24.3	26.7
Mississippi	46.1	25.5	56.6	34.9	36.5	19.2	14.4	32.1
Missouri	45.1	33.6	63.5	42.6	44.9	23.0	16.4	27.6
Montana	51.6	22.3	65.5	42.7	39.9	22.0	13.3	33.9
Nebraska	41.2	32.7	56.5	42.4	40.9	21.5	14.4	21.1
Nevada	55.8	35.8	66.5	45.3	36.4	31.5	22.6	31.4
New Hampshire	48.1	39.1	59.4	43.3	43.2	37.1	32.7	62.0
New Mexico	45.4	17.4	52.2	28.3	26.9	17.6	9.5	45.2
New York	54.7	36.3	62.2	34.9	36.5	30.1	21.0	44.4
North Carolina	31.6	17.5	38.5	24.3	24.1	15.3	9.3	32.1
North Dakota	51.1	25.7	70.6	49.9	48.6	16.1	10.4	26.3
Ohio	36.9	28.0	50.0	33.5	32.9	28.0	22.3	27.1
Oklahoma	39.3	18.4	49.6	29.8	26.1	17.5	10.7	30.7
Oregon	38.6	18.5	47.4	30.6	23.9	20.2	8.6	34.3
Pennsylvania	44.4	29.2	50.5	34.1	31.9	26.9	22.5	30.1
Rhode Island	41.2	31.6	54.2	31.4	31.4	28.9	24.2	38.9
South Carolina	55.3	32.9	67.1	47.4	51.3	31.7	24.3	34.8
Tennessee	49.2	26.6	60.0	38.7	34.6	21.7	16.5	28.1
Texas	43.2	33.0	52.5	25.8	36.3	28.5	22.1	33.2
Utah	64.2	24.1	65.9	43.0	51.4	17.0	10.4	28.1

Table 35. Percentage of Secondary Schools That Allowed Students to Purchase More Nutritious Snacks or Beverages from One or More Vending Machines or at the School Store, Canteen, or Snack Bar and the Percentage That Always or Almost Always Offered Fruits or Non-Fried Vegetables at School Celebrations, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Allowed students to purchase food or beverage						Non-fried vegetables (not vegetable juice)	Always or almost always offered fruits or non-fried vegetables at school celebrations
	Low sodium or "no added salt" pretzels, crackers, or chips	Nonfat or 1% (low-fat) milk (plain)	Plain water*	Calorie-free, flavored water*	100% fruit or vegetable juice	Fruits (not fruit juice)		
Vermont	25.9	29.5	36.6	24.3	28.3	30.7	21.1	52.1
Virginia	45.2	29.9	55.3	30.5	35.7	27.7	22.4	37.4
Washington	44.4	29.5	60.7	40.8	40.5	26.0	18.4	37.6
West Virginia	33.6	14.8	50.1	19.1	20.4	9.3	3.9	47.5
Nationwide	44.5	30.1	54.1	33.9	35.6	25.5	18.6	32.0
Range	13.4-64.2	4.3-43.2	19.3-71.3	5.3-52.2	10.6-51.4	7.4-37.1	3.9-32.7	17.7-62.0
DISTRICT SURVEYS								
Albuquerque, NM	68.8	49.6	67.9	37.7	49.1	39.3	21.2	37.5
Boston, MA	13.9	5.7	8.4	2.9	4.2	4.3	1.5	50.0
Broward County, FL	76.1	36.0	76.1	39.2	49.2	28.1	19.4	37.5
Chicago, IL	14.3	6.8	22.3	11.3	11.4	6.6	4.4	43.3
Cleveland, OH	19.0	5.1	18.0	7.0	12.0	5.0	3.0	44.0
District of Columbia	19.5	8.5	17.2	6.4	12.9	8.5	6.4	36.8
Duval County, FL	26.1	21.7	45.7	23.9	26.1	26.1	13.0	30.4
Eaton Consortium, MI	81.0	61.9	81.0	81.0	52.4	52.4	9.5	9.5
Fort Worth, TX	33.0	15.6	30.8	22.9	26.8	5.6	5.6	31.7
Gaston County, NC	47.4	22.2	47.4	22.2	26.3	21.1	15.8	31.6
Genesee Consortium, MI	73.7	63.2	73.7	63.2	68.4	57.9	52.6	52.6
Hillsborough County, FL	63.4	44.3	65.6	35.5	44.3	42.5	39.0	27.3
Houston, TX	77.2	65.7	68.4	38.1	56.7	61.7	50.2	35.3
Los Angeles, CA	77.6	42.4	90.0	42.7	52.2	36.6	25.7	42.9
Nashville, TN	55.3	35.2	51.8	42.2	42.2	13.2	8.9	33.5
New York City, NY	47.3	20.8	53.4	24.4	22.1	17.1	10.4	43.8
Newark, NJ	31.7	2.4	29.2	22.2	17.2	2.4	2.4	37.2
Oakland, CA	16.4	15.8	16.4	12.5	7.9	16.4	3.9	58.2
Orange County, FL	29.2	20.5	34.1	18.1	23.9	13.0	10.6	38.2
Palm Beach County, FL	60.5	27.3	61.3	31.4	36.0	22.0	20.0	38.5
Pasco County, FL	80.0	76.0	100.0	56.0	80.0	68.0	64.0	29.6
Philadelphia, PA	36.1	12.4	31.9	12.2	21.3	14.0	8.1	37.4
Portland, OR	7.9	3.2	12.8	6.4	0.0	3.2	0.0	56.7
San Diego, CA	39.6	35.7	46.4	30.9	25.2	29.0	23.7	44.3
San Francisco, CA	18.8	4.1	18.8	7.6	4.1	7.6	0.0	46.2
Seattle, WA	30.8	19.2	42.3	23.1	34.6	15.4	11.5	51.9
Shelby County, TN	10.4	3.4	15.5	3.5	8.7	3.4	1.7	34.3
Spartanburg Consortium, SC	41.7	41.7	47.2	34.7	36.1	30.6	11.1	23.6
Median	37.9	21.3	46.0	23.5	26.2	16.7	10.5	37.5
Range	7.9-81.0	2.4-76.0	8.4-100.0	2.9-81.0	0.0-80.0	2.4-68.0	0.0-64.0	9.5-58.2
TERRITORIAL SURVEY								
Puerto Rico	0.5	0.0	0.0	0.5	0.0	0.0	0.0	2.2

* With or without carbonation.

† Survey did not include schools from Chicago Public Schools.

Table 36a. Percentage of Secondary Schools That Implemented Strategies to Promote Healthy Eating During the Current School Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages	Collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating	Provided information to students or families on the nutrition and caloric content of foods available	Conducted taste tests to determine food preferences for nutritious items	Served locally or regionally grown foods in the cafeteria or classrooms	Planted a school food or vegetable garden	Had a joint use agreement for shared use of school or community gardens
STATE SURVEYS							
Alabama	8.7	39.9	56.7	23.1	43.9	29.7	14.8
Alaska	8.7	39.4	41.6	15.2	59.4	28.7	18.2
Arizona	10.7	39.0	53.9	23.8	27.1	28.6	14.5
Arkansas	12.9	59.4	64.6	40.5	42.0	24.1	12.8
Connecticut	10.5	46.8	65.5	35.2	54.9	41.5	15.6
Delaware	17.5	53.3	74.7	58.3	64.0	46.5	18.4
Florida	10.0	38.8	57.2	40.2	40.9	53.3	14.3
Georgia	17.3	46.1	53.8	46.7	58.6	41.2	24.0
Hawaii	4.9	46.6	51.2	19.9	79.0	72.3	25.0
Idaho	15.5	39.0	45.5	28.1	51.5	29.2	13.8
Illinois*	9.7	36.5	60.4	28.3	26.8	17.6	8.9
Indiana	18.6	41.9	63.2	37.1	35.9	27.6	12.8
Iowa	14.5	38.3	62.8	29.3	44.5	28.4	12.4
Kansas	4.8	37.8	51.4	25.3	33.4	21.7	7.4
Kentucky	11.7	39.4	62.9	39.8	45.2	25.0	6.7
Louisiana	10.7	36.4	41.9	16.5	24.5	36.4	12.8
Maine	20.3	58.8	63.7	43.4	80.3	50.4	25.9
Maryland	13.6	43.9	59.2	32.6	57.4	26.0	17.5
Massachusetts	17.0	54.3	69.2	45.7	64.6	43.7	22.4
Michigan	15.2	46.5	67.7	36.6	49.5	28.7	15.8
Minnesota	22.1	49.9	68.3	45.1	68.0	35.6	16.7
Mississippi	9.9	44.4	55.7	26.9	23.6	22.8	11.9
Missouri	11.7	45.9	56.1	41.2	38.2	26.6	10.5
Montana	14.6	41.4	45.0	27.0	60.7	29.2	16.5
Nebraska	16.6	44.2	55.1	27.3	61.1	37.6	13.4
Nevada	10.4	34.9	50.1	16.9	21.1	33.6	15.3
New Hampshire	23.9	63.1	67.8	50.4	75.2	46.4	17.7
New Mexico	10.5	48.3	49.4	28.5	56.2	32.1	15.0
New York	14.3	54.7	60.6	34.8	47.0	38.7	22.3
North Carolina	9.8	26.1	49.0	26.7	31.1	28.3	15.1
North Dakota	8.3	34.9	42.5	21.6	56.8	25.3	10.0
Ohio	15.8	47.3	64.6	37.8	41.7	23.3	10.5
Oklahoma	13.0	50.8	56.2	29.3	37.2	18.5	8.5
Oregon	4.3	46.3	57.7	26.2	70.0	41.4	25.4
Pennsylvania	23.5	45.2	61.3	36.2	38.3	29.8	12.3
Rhode Island	16.6	59.3	65.7	54.4	65.2	33.8	19.2
South Carolina	13.5	44.0	60.6	51.9	52.9	38.7	11.6
Tennessee	10.8	48.1	63.3	34.5	40.9	29.2	16.4
Texas	15.8	46.8	65.8	41.3	31.9	22.4	11.7
Utah	10.9	15.6	46.4	14.2	30.7	13.0	10.4

Table 36a. Percentage of Secondary Schools That Implemented Strategies to Promote Healthy Eating During the Current School Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 202 (continued)

Site	Priced nutritious foods and beverages at a lower cost while increasing the price of less nutritious foods and beverages	Collected suggestions from students, families, and school staff on nutritious food preferences and strategies to promote healthy eating	Provided information to students or families on the nutrition and caloric content of foods available	Conducted taste tests to determine food preferences for nutritious items	Served locally or regionally grown foods in the cafeteria or classrooms	Planted a school food or vegetable garden	Had a joint use agreement for shared use of school or community gardens
Vermont	14.0	58.4	57.7	52.5	90.8	69.7	29.4
Virginia	16.1	35.5	64.7	25.6	39.6	27.4	15.3
Washington	12.3	34.1	52.7	25.6	46.7	31.1	18.9
West Virginia	6.5	43.9	59.7	37.2	64.9	29.3	18.5
Nationwide	13.0	42.6	57.2	32.9	42.2	30.6	14.5
Range	4.3-23.9	15.6-63.1	41.6-74.7	14.2-58.3	21.1-90.8	13.0-72.3	6.7-29.4
DISTRICT SURVEYS							
Albuquerque, NM	10.3	30.8	40.8	13.0	35.7	43.4	20.6
Boston, MA	5.7	40.2	48.1	30.9	51.8	39.4	26.1
Broward County, FL	7.3	38.7	52.4	19.1	29.1	48.2	12.8
Chicago, IL	9.7	46.5	63.7	30.8	39.3	59.9	25.5
Cleveland, OH	10.6	33.3	45.4	34.0	33.3	32.0	23.2
District of Columbia	13.2	48.8	53.6	30.7	52.6	52.4	30.4
Duval County, FL	10.9	32.6	39.1	32.6	30.4	31.8	14.9
Eaton Consortium, MI	19.0	38.1	57.1	28.6	52.4	38.1	0.0
Fort Worth, TX	12.4	25.6	45.9	19.3	11.8	9.4	9.7
Gaston County, NC	0.0	5.3	42.1	21.1	38.9	31.6	9.5
Genesee Consortium, MI	15.8	57.9	73.7	36.8	31.6	10.5	5.3
Hillsborough County, FL	8.6	38.0	54.1	56.6	37.4	45.0	15.9
Houston, TX	27.7	63.2	78.3	41.6	50.2	57.4	6.7
Los Angeles, CA	16.5	36.4	52.6	23.5	29.4	47.3	26.3
Nashville, TN	21.9	33.1	13.5	12.9	31.0	30.5	12.3
New York City, NY	8.1	47.4	56.5	20.8	29.9	27.5	25.4
Newark, NJ	0.0	43.5	67.7	34.4	52.5	39.3	21.5
Oakland, CA	7.2	31.9	45.4	12.5	51.4	65.1	39.1
Orange County, FL	4.6	42.0	54.3	52.3	44.0	55.5	12.7
Palm Beach County, FL	21.1	36.3	44.4	28.4	39.2	62.5	15.4
Pasco County, FL	25.0	53.6	75.0	50.0	57.1	25.0	14.3
Philadelphia, PA	15.6	44.7	66.7	52.3	60.3	38.9	21.9
Portland, OR	4.7	33.7	69.5	16.3	84.8	48.3	48.0
San Diego, CA	16.8	51.7	67.8	32.1	86.3	72.4	24.2
San Francisco, CA	6.6	52.6	58.8	37.6	79.4	86.6	54.7
Seattle, WA	7.4	40.7	55.6	25.9	48.1	40.7	22.2
Shelby County, TN	11.8	38.6	51.4	26.2	31.6	49.9	38.4
Spartanburg Consortium, SC	5.6	47.2	69.4	63.9	77.8	6.9	12.5
Median	10.4	39.5	54.2	30.7	41.6	42.1	21.1
Range	0.0-27.7	5.3-63.2	13.5-78.3	12.5-63.9	11.8-86.3	6.9-86.6	0.0-54.7
TERRITORIAL SURVEY							
Puerto Rico	59.5	85.8	87.1	83.0	88.0	73.5	54.6

* Survey did not include schools from Chicago Public Schools.

Table 36b. Percentage of Secondary Schools That Implemented Strategies to Promote Healthy Eating During the Current School Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Placed fruits and vegetables near the cafeteria cashier, where they are easy to access	Used attractive displays for fruits and vegetables in the cafeteria	Offered a self-serve salad bar to students	Encouraged students to drink plain water	Prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance	Prohibited less nutritious foods and beverages from being sold for fundraising purposes	Had a joint use agreement for shared use of school or community kitchen facilities and equipment
STATE SURVEYS							
Alabama	70.8	65.7	27.2	90.0	33.1	39.7	16.4
Alaska	51.6	39.8	23.4	92.8	27.1	26.2	44.0
Arizona	55.3	54.9	40.3	87.1	33.7	35.6	21.4
Arkansas	83.2	84.1	64.4	91.1	54.1	36.0	19.0
Connecticut	86.2	79.0	34.9	88.1	48.9	52.4	23.1
Delaware	83.6	78.7	15.9	82.1	48.3	50.4	23.2
Florida	83.8	78.2	17.0	79.8	23.2	37.5	18.3
Georgia	70.8	73.8	41.6	80.5	20.2	33.1	23.7
Hawaii	58.2	47.2	31.5	96.1	44.4	46.3	19.6
Idaho	68.7	64.9	57.4	79.5	26.9	32.1	24.9
Illinois*	68.2	57.8	37.6	82.4	21.8	24.8	22.4
Indiana	82.7	68.6	45.2	82.0	27.0	38.9	20.4
Iowa	73.0	61.8	65.7	87.3	26.3	28.0	25.4
Kansas	74.2	69.2	74.1	91.1	10.2	26.5	30.6
Kentucky	88.7	73.0	25.8	85.4	32.4	29.4	17.3
Louisiana	46.0	47.7	21.2	91.2	26.2	28.6	15.2
Maine	84.2	77.1	84.5	90.8	40.5	41.6	32.6
Maryland	84.1	75.7	23.8	83.0	44.8	45.7	23.0
Massachusetts	89.9	81.0	45.0	91.1	54.7	49.7	22.6
Michigan	76.7	69.7	55.7	86.3	18.0	34.8	24.9
Minnesota	82.4	77.7	68.6	89.5	42.2	49.4	30.6
Mississippi	74.3	74.0	14.8	82.6	31.2	36.0	12.6
Missouri	77.6	75.1	61.9	87.2	26.7	33.5	25.5
Montana	73.8	71.7	85.7	88.9	22.3	25.7	41.4
Nebraska	78.6	75.7	84.3	88.6	31.8	25.6	36.8
Nevada	65.0	56.2	65.1	84.6	32.9	32.1	21.6
New Hampshire	90.6	79.4	50.6	92.5	53.7	43.1	30.6
New Mexico	70.9	69.1	54.3	86.6	39.4	47.9	24.5
New York	75.8	66.4	52.3	84.9	33.0	37.2	28.1
North Carolina	57.2	49.1	11.5	77.8	34.9	31.4	17.4
North Dakota	68.3	69.7	93.5	89.7	26.1	30.9	33.1
Ohio	77.7	62.5	33.9	78.1	18.5	36.3	18.9
Oklahoma	63.3	65.5	60.7	90.9	34.9	33.1	24.8
Oregon	78.1	69.4	76.9	88.5	19.4	33.7	27.6
Pennsylvania	74.2	66.4	34.3	78.0	38.9	35.5	22.1
Rhode Island	88.1	82.7	57.8	93.4	59.1	65.0	24.6
South Carolina	89.3	77.1	38.2	88.5	29.9	35.8	19.3
Tennessee	85.6	84.4	37.3	91.7	28.6	31.0	24.3
Texas	80.8	72.5	25.3	82.3	35.9	32.7	18.0
Utah	79.8	63.0	30.3	86.3	17.8	25.5	16.9

Table 36b. Percentage of Secondary Schools That Implemented Strategies to Promote Healthy Eating During the Current School Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Placed fruits and vegetables near the cafeteria cashier, where they are easy to access	Used attractive displays for fruits and vegetables in the cafeteria	Offered a self-serve salad bar to students	Encouraged students to drink plain water	Prohibited school staff from giving students food or food coupons as a reward for good behavior or good academic performance	Prohibited less nutritious foods and beverages from being sold for fundraising purposes	Had a joint use agreement for shared use of school or community kitchen facilities and equipment
Vermont	91.8	89.5	90.2	92.3	40.6	38.3	32.7
Virginia	76.0	65.9	17.3	83.7	32.2	33.4	18.0
Washington	82.7	76.9	70.5	83.1	19.3	32.7	31.9
West Virginia	85.1	82.1	83.9	97.1	58.4	37.7	29.9
Nationwide	73.1	66.4	41.3	80.9	29.2	34.0	21.9
Range	46.0-91.8	39.8-89.5	11.5-93.5	77.8-97.1	10.2-59.1	24.8-65.0	12.6-44.0
DISTRICT SURVEYS							
Albuquerque, NM	56.2	36.8	5.6	71.8	41.7	37.8	20.8
Boston, MA	70.9	58.0	23.6	91.7	48.2	44.1	14.1
Broward County, FL	77.9	72.0	16.7	81.4	20.3	38.8	11.7
Chicago, IL	81.6	87.1	17.2	89.9	68.7	72.7	15.2
Cleveland, OH	82.3	62.9	9.4	84.5	24.2	34.0	20.4
District of Columbia	86.9	84.8	54.1	89.1	37.1	48.0	40.2
Duval County, FL	73.9	63.0	10.9	63.0	23.9	32.6	12.8
Eaton Consortium, MI	100.0	90.5	66.7	90.5	19.0	28.6	33.3
Fort Worth, TX	67.6	74.5	23.6	89.6	22.9	36.7	9.7
Gaston County, NC	84.2	57.9	0.0	78.9	15.8	31.6	9.5
Genesee Consortium, MI	84.2	63.2	68.4	94.7	26.3	31.6	10.5
Hillsborough County, FL	93.5	86.4	16.8	74.4	17.2	29.2	15.7
Houston, TX	82.7	69.7	39.6	92.8	50.1	58.0	5.7
Los Angeles, CA	67.8	56.1	14.8	77.7	35.3	50.1	15.8
Nashville, TN	52.4	46.3	49.1	60.9	33.0	49.7	29.1
New York City, NY	65.1	66.2	71.5	91.4	34.3	39.6	27.9
Newark, NJ	81.0	63.4	12.1	94.5	53.4	57.9	13.8
Oakland, CA	79.1	45.4	15.1	96.1	18.8	31.0	31.2
Orange County, FL	76.7	63.3	4.7	77.3	33.3	28.5	18.9
Palm Beach County, FL	79.4	73.2	7.1	75.5	16.2	36.3	14.7
Pasco County, FL	85.7	85.7	25.0	85.7	32.1	78.6	17.9
Philadelphia, PA	80.3	67.3	11.2	93.2	26.9	34.3	19.2
Portland, OR	90.1	56.7	60.4	90.4	39.2	36.3	43.3
San Diego, CA	90.5	75.6	86.6	81.0	47.1	53.2	10.9
San Francisco, CA	86.6	52.2	20.9	100.0	46.7	56.9	40.3
Seattle, WA	81.5	74.1	51.9	80.8	22.2	33.3	22.2
Shelby County, TN	68.1	71.5	19.9	76.6	32.2	33.2	30.1
Spartanburg Consortium, SC	83.3	94.4	16.7	100.0	34.7	52.8	23.6
Median	81.3	66.7	18.5	87.4	32.6	37.2	18.4
Range	52.4-100.0	36.8-94.4	0.0-86.6	60.9-100.0	15.8-68.7	28.5-78.6	5.7-43.3
TERRITORIAL SURVEY							
Puerto Rico	76.4	77.6	73.3	95.0	68.5	65.5	98.8

* Survey did not include schools from Chicago Public Schools.

Table 37. Percentage of Secondary Schools That Prohibited Advertisements for Candy, Fast Food Restaurants, or Soft Drinks in Specific Locations, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	In school buildings	On school grounds*	On school buses or other vehicles used to transport students	In school publications	In curricula or other educational materials
STATE SURVEYS					
Alabama	74.4	57.7	77.9	68.0	68.3
Alaska	62.2	58.5	60.9	63.3	58.5
Arizona	66.7	63.7	68.0	63.2	62.3
Arkansas	80.9	68.6	81.8	70.6	72.0
Connecticut	83.9	79.2	78.2	78.7	78.9
Delaware	67.5	61.8	71.3	56.3	62.0
Florida	67.8	62.0	72.1	63.0	67.0
Georgia	64.3	54.6	67.5	60.5	62.5
Hawaii	86.8	80.9	80.6	78.9	73.5
Idaho	68.3	63.1	70.7	65.5	61.3
Illinois†	56.6	52.8	65.2	55.9	61.7
Indiana	61.3	51.6	67.8	52.0	61.6
Iowa	57.8	50.2	61.7	54.6	53.7
Kansas	58.7	50.4	61.9	50.4	49.4
Kentucky	61.9	48.2	72.7	58.2	64.1
Louisiana	70.9	64.3	74.4	68.3	69.8
Maine	85.8	83.9	85.3	81.9	80.7
Maryland	74.0	69.3	75.1	71.2	71.5
Massachusetts	82.3	79.7	79.7	77.4	75.5
Michigan	67.8	62.9	70.0	64.9	66.9
Minnesota	68.9	63.3	72.1	66.7	66.2
Mississippi	78.3	65.1	80.7	73.8	71.6
Missouri	54.6	46.8	67.5	52.7	57.4
Montana	61.2	55.2	67.7	62.4	64.4
Nebraska	58.6	51.8	64.1	56.2	60.8
Nevada	72.6	68.7	74.5	68.9	71.4
New Hampshire	83.5	80.6	82.6	83.4	84.0
New Mexico	71.3	67.9	69.9	69.3	68.4
New York	78.0	75.1	75.3	77.5	76.9
North Carolina	69.3	59.5	72.5	66.1	67.3
North Dakota	51.7	47.7	58.8	55.1	55.0
Ohio	59.3	51.9	65.0	55.6	58.5
Oklahoma	65.4	56.6	66.5	63.1	62.3
Oregon	70.4	62.4	75.1	67.6	70.6
Pennsylvania	65.4	59.9	64.2	59.5	61.1
Rhode Island	83.6	76.7	79.5	77.0	77.7
South Carolina	77.5	66.2	79.4	69.9	73.8
Tennessee	71.6	57.3	71.1	62.4	66.2
Texas	66.4	61.0	68.1	62.0	63.0
Utah	73.6	63.2	75.1	72.0	71.4
Vermont	84.5	81.8	84.5	82.1	76.4

Table 37. Percentage of Secondary Schools That Prohibited Advertisements for Candy, Fast Food Restaurants, or Soft Drinks in Specific Locations, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	In school buildings	On school grounds*	On school buses or other vehicles used to transport students	In school publications	In curricula or other educational materials
Virginia	65.8	55.2	70.2	61.5	64.4
Washington	80.6	80.0	84.2	78.4	77.2
West Virginia	71.4	64.7	76.7	69.2	68.1
Nationwide	70.8	64.6	73.1	67.4	68.4
Range	51.7-86.8	46.8-83.9	58.8-85.3	50.4-83.4	49.4-84.0
DISTRICT SURVEYS					
Albuquerque, NM	77.5	77.5	78.1	70.0	75.0
Boston, MA	82.0	80.6	80.6	76.4	75.0
Broward County, FL	59.1	56.3	59.0	58.4	56.8
Chicago, IL	87.0	86.1	75.7	84.5	82.2
Cleveland, OH	58.3	55.1	58.3	60.8	53.7
District of Columbia	72.8	74.9	61.8	65.5	65.3
Duval County, FL	71.7	57.8	68.9	57.8	60.0
Eaton Consortium, MI	61.9	52.4	71.4	61.9	71.4
Fort Worth, TX	62.7	62.7	68.3	57.2	59.7
Gaston County, NC	84.2	57.9	84.2	68.4	73.7
Genesee Consortium, MI	68.4	63.2	68.4	63.2	57.9
Hillsborough County, FL	69.7	60.0	72.7	52.0	54.7
Houston, TX	79.4	72.6	78.6	78.9	81.5
Los Angeles, CA	89.4	86.5	87.4	85.3	86.4
Nashville, TN	70.8	61.4	66.7	61.4	66.7
New York City, NY	78.8	76.5	70.8	72.4	72.6
Newark, NJ	85.4	77.3	76.6	81.4	84.6
Oakland, CA	81.9	81.9	62.4	73.4	73.5
Orange County, FL	73.8	69.4	73.8	62.6	67.0
Palm Beach County, FL	77.9	70.6	79.2	76.4	73.0
Pasco County, FL	75.0	53.6	71.4	64.3	64.3
Philadelphia, PA	64.2	61.7	58.5	60.9	58.3
Portland, OR	85.5	85.5	85.5	82.3	79.9
San Diego, CA	92.9	91.0	90.7	85.1	86.6
San Francisco, CA	85.1	85.1	81.1	81.1	85.1
Seattle, WA	77.8	77.8	76.9	74.1	74.1
Shelby County, TN	69.9	68.3	66.7	64.9	65.2
Spartanburg Consortium, SC	81.9	76.4	80.6	69.4	69.4
Median	77.6	71.6	73.3	68.9	72.0
Range	58.3-92.9	52.4-91.0	58.3-90.7	52.0-85.3	53.7-86.6
TERRITORIAL SURVEY					
Puerto Rico	100.0	98.9	98.8	97.2	91.3

* Including on the outside of the school building, on playing fields, or other areas of the campus.

† Survey did not include schools from Chicago Public Schools.

Table 38. Percentage of Secondary Schools That Made Drinking Water Available to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Permitted students to have a drinking water bottle with them during the school day		Offered a free source of drinking water				
	In all locations	In certain locations	In the cafeteria during breakfast	In the cafeteria during lunch	In the gymnasium or other indoor physical activity facilities	At outdoor physical activity facilities or sports fields	In hallways throughout the school
STATE SURVEYS							
Alabama	84.5	10.2	93.2	93.2	91.7	82.0	93.2
Alaska	86.5	11.7	97.9	97.9	97.3	69.8	97.4
Arizona	97.5	2.0	97.4	96.9	97.3	91.1	96.4
Arkansas	81.8	16.4	95.4	96.3	98.0	85.1	99.5
Connecticut	82.6	14.2	94.4	96.4	95.3	67.1	96.6
Delaware	90.1	8.1	100.0	100.0	84.3	69.4	100.0
Florida	84.3	10.1	99.2	99.2	98.4	92.7	99.7
Georgia	76.6	20.6	98.6	97.8	98.5	87.7	99.4
Hawaii	98.3	1.7	93.1	92.3	95.8	93.1	92.7
Idaho	86.7	12.2	96.4	96.0	94.3	75.9	97.2
Illinois*	77.0	17.8	91.3	91.6	90.8	61.9	99.3
Indiana	72.0	20.5	95.3	96.5	97.7	85.6	94.1
Iowa	92.7	5.4	95.8	95.8	95.1	81.5	99.7
Kansas	91.3	6.8	97.6	97.6	95.9	82.4	100.0
Kentucky	78.4	19.3	95.9	96.4	95.1	72.9	99.1
Louisiana	83.4	11.2	88.4	88.4	96.6	88.6	94.8
Maine	87.8	11.2	95.6	95.6	96.6	61.1	98.9
Maryland	78.7	17.5	97.8	97.8	97.5	72.4	97.6
Massachusetts	90.3	8.1	95.8	97.0	96.8	68.2	97.4
Michigan	84.5	14.2	95.4	96.7	95.2	76.8	98.7
Minnesota	86.7	12.6	96.2	96.2	98.2	71.7	100.0
Mississippi	77.5	17.5	92.2	93.2	97.6	86.2	98.6
Missouri	82.5	14.7	96.2	96.6	93.7	78.8	99.6
Montana	90.0	8.4	92.7	93.2	95.8	69.1	100.0
Nebraska	92.2	7.8	98.2	99.1	96.7	87.5	100.0
Nevada	88.4	11.6	96.2	96.2	96.8	81.5	100.0
New Hampshire	94.4	5.6	91.7	91.7	93.2	68.3	99.5
New Mexico	86.5	10.5	97.8	98.2	98.2	71.8	99.6
New York	86.5	11.5	94.9	95.4	92.5	75.6	97.6
North Carolina	87.1	10.8	97.6	97.9	95.3	80.6	97.4
North Dakota	89.3	9.3	97.6	98.5	95.7	76.9	99.4
Ohio	80.4	15.2	93.8	94.1	93.0	76.8	100.0
Oklahoma	84.4	13.0	96.6	97.8	97.8	91.1	97.7
Oregon	89.0	10.5	98.4	98.4	97.4	72.4	99.4
Pennsylvania	76.3	17.8	92.8	93.2	94.6	69.4	99.2
Rhode Island	90.3	8.0	96.1	96.1	95.9	64.4	97.0
South Carolina	85.0	12.0	98.2	98.2	96.7	85.7	99.3
Tennessee	76.0	19.2	99.3	99.6	96.1	73.0	99.3
Texas	83.9	11.3	97.8	98.1	97.3	89.2	99.1
Utah	93.0	3.5	95.6	95.6	96.5	68.6	100.0

Table 38. Percentage of Secondary Schools That Made Drinking Water Available to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Permitted students to have a drinking water bottle with them during the school day		Offered a free source of drinking water				
	In all locations	In certain locations	In the cafeteria during breakfast	In the cafeteria during lunch	In the gymnasium or other indoor physical activity facilities	At outdoor physical activity facilities or sports fields	In hallways throughout the school
Vermont	99.2	0.8	91.7	93.3	96.7	62.9	100.0
Virginia	87.5	9.6	96.6	97.1	94.5	71.1	98.8
Washington	91.4	6.9	94.5	95.2	96.5	62.0	96.0
West Virginia	78.6	19.6	100.0	100.0	96.2	75.4	100.0
Nationwide	82.1	14.9	95.4	96.0	95.6	79.1	98.7
Range	72.0-99.2	0.8-20.6	88.4-100.0	88.4-100.0	84.3-98.5	61.1-93.1	92.7-100.0
DISTRICT SURVEYS							
Albuquerque, NM	79.8	12.5	94.7	94.7	94.9	67.0	100.0
Boston, MA	94.4	5.6	98.5	98.5	95.4	71.2	84.3
Broward County, FL	77.9	17.5	93.7	93.7	92.0	85.3	100.0
Chicago, IL	66.5	29.0	83.8	87.0	81.0	65.7	97.5
Cleveland, OH	64.6	27.3	97.0	98.0	87.4	51.9	96.0
District of Columbia	63.7	27.8	93.6	95.8	91.5	75.5	93.8
Duval County, FL	60.0	31.1	93.5	93.5	97.8	86.4	100.0
Eaton Consortium, MI	81.0	19.0	90.5	90.5	100.0	100.0	100.0
Fort Worth, TX	88.9	11.1	96.1	92.9	92.0	67.7	96.2
Gaston County, NC	94.7	5.3	89.5	94.7	94.7	84.2	100.0
Genesee Consortium, MI	84.2	10.5	93.8	93.8	93.8	93.8	100.0
Hillsborough County, FL	92.8	3.8	100.0	100.0	100.0	85.8	98.1
Houston, TX	72.5	19.4	100.0	100.0	96.0	90.2	97.3
Los Angeles, CA	90.9	7.1	89.1	89.1	94.0	95.9	97.9
Nashville, TN	86.5	8.4	95.2	95.2	100.0	71.9	100.0
New York City, NY	89.7	8.3	98.6	99.6	91.6	75.1	94.0
Newark, NJ	77.1	22.9	90.6	93.5	78.8	55.3	100.0
Oakland, CA	92.1	7.9	100.0	100.0	91.2	88.9	94.9
Orange County, FL	95.3	4.7	98.2	98.2	96.4	86.5	100.0
Palm Beach County, FL	94.8	5.2	96.8	96.8	100.0	94.1	100.0
Pasco County, FL	88.5	7.7	100.0	100.0	100.0	100.0	100.0
Philadelphia, PA	80.9	18.3	91.7	93.5	90.3	63.8	100.0
Portland, OR	88.0	12.0	100.0	100.0	95.3	41.9	100.0
San Diego, CA	100.0	0.0	94.3	94.3	98.1	95.9	98.2
San Francisco, CA	94.3	0.0	95.7	95.7	88.7	95.9	100.0
Seattle, WA	96.2	3.8	88.5	88.5	96.3	50.0	100.0
Shelby County, TN	50.0	29.9	98.3	98.3	93.3	73.1	96.6
Spartanburg Consortium, SC	94.4	0.0	94.4	94.4	88.9	79.1	94.4
Median	88.2	9.5	95.0	95.0	94.4	81.7	100.0
Range	50.0-100.0	0.0-31.1	83.8-100.0	87.0-100.0	78.8-100.0	41.9-100.0	84.3-100.0
TERRITORIAL SURVEY							
Puerto Rico	13.3	86.2	100.0	100.0	100.0	98.9	25.2

* Survey did not include schools from Chicago Public Schools.

Table 39. Percentage of Secondary Schools That Had a Policy Prohibiting Tobacco Use, the Percentage That Prohibited All Tobacco Use in All Locations,* and the Percentage That Prohibited All Tobacco and Electronic Vapor Product Use in All Locations†, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Had a policy prohibiting tobacco use	Prohibited all tobacco use at all times in all locations	Prohibited all tobacco and electronic vapor product use at all times in all locations
STATE SURVEYS			
Alabama	98.0	81.8	81.7
Alaska	98.0	49.8	48.6
Arizona	95.6	56.0	55.5
Arkansas	98.2	65.3	64.8
Connecticut	93.8	66.5	66.5
Delaware	95.2	57.0	57.0
Florida	96.9	69.8	69.7
Georgia	96.6	76.0	75.3
Hawaii	99.0	73.5	73.5
Idaho	100.0	64.3	63.6
Illinois†	98.6	52.6	52.1
Indiana	98.8	65.7	64.0
Iowa	99.3	61.9	61.5
Kansas	98.9	54.9	54.6
Kentucky	97.3	65.0	64.8
Louisiana	96.0	63.0	63.0
Maine	98.2	66.2	65.7
Maryland	89.7	65.4	65.1
Massachusetts	96.4	60.6	60.6
Michigan	94.8	62.5	62.3
Minnesota	98.1	65.3	65.2
Mississippi	98.1	82.2	81.7
Missouri	98.8	51.8	51.1
Montana	100.0	62.3	61.9
Nebraska	98.4	59.0	59.0
Nevada	94.0	56.9	56.9
New Hampshire	99.5	67.5	66.7
New Mexico	95.8	57.2	56.1
New York	87.5	58.3	57.7
North Carolina	96.6	71.4	71.0
North Dakota	100.0	55.4	53.6
Ohio	94.3	48.2	48.1
Oklahoma	97.4	74.8	74.8
Oregon	99.0	66.1	66.1
Pennsylvania	93.9	71.6	71.6
Rhode Island	98.2	60.7	60.7
South Carolina	100.0	78.4	78.3
Tennessee	96.2	64.9	64.5
Texas	96.5	69.3	69.2
Utah	99.4	60.7	60.7

Table 39. Percentage of Secondary Schools That Had a Policy Prohibiting Tobacco Use, the Percentage That Prohibited All Tobacco Use in All Locations,* and the Percentage That Prohibited All Tobacco and Electronic Vapor Product Use in All Locations†, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Had a policy prohibiting tobacco use	Prohibited all tobacco use at all times in all locations	Prohibited all tobacco and electronic vapor product use at all times in all locations
Vermont	100.0	77.1	75.3
Virginia	95.4	72.4	72.3
Washington	99.4	63.5	63.5
West Virginia	100.0	82.3	82.3
Nationwide	96.3	61.8	61.5
Range	87.5-100.0	48.2-82.3	48.1-82.3
DISTRICT SURVEYS			
Albuquerque, NM	92.9	77.4	76.7
Boston, MA	85.3	42.1	42.1
Broward County, FL	100.0	69.0	68.5
Chicago, IL	66.7	40.7	40.7
Cleveland, OH	78.0	36.8	35.6
District of Columbia	69.6	50.9	50.9
Duval County, FL	91.5	60.5	59.5
Eaton Consortium, MI	100.0	81.0	81.0
Fort Worth, TX	94.6	47.7	45.7
Gaston County, NC	100.0	89.5	89.5
Genesee Consortium, MI	94.7	66.7	61.1
Hillsborough County, FL	92.9	53.7	52.8
Houston, TX	96.9	83.8	83.4
Los Angeles, CA	96.1	70.8	70.8
Nashville, TN	79.3	57.6	57.6
New York City, NY	71.6	38.3	37.9
Newark, NJ	70.0	53.3	53.3
Oakland, CA	91.6	45.3	45.3
Orange County, FL	100.0	100.0	100.0
Palm Beach County, FL	93.7	86.0	86.0
Pasco County, FL	100.0	76.9	76.9
Philadelphia, PA	71.4	38.2	38.2
Portland, OR	95.3	56.6	56.6
San Diego, CA	96.6	71.4	71.4
San Francisco, CA	93.5	61.2	61.2
Seattle, WA	100.0	69.2	68.0
Shelby County, TN	86.6	69.0	69.0
Spartanburg Consortium, SC	100.0	75.0	75.0
Median	93.6	63.9	61.1
Range	66.7-100.0	36.8-100.0	35.6-100.0
TERRITORIAL SURVEY			
Puerto Rico	98.3	19.3	18.9

* Prohibited the use of cigarettes, smokeless tobacco, cigars, and pipes, by students, faculty and school staff, and visitors, in school buildings, outside on school grounds, on school buses or other vehicles used to transport students, and at off-campus school-sponsored events, during school hours and non-school hours.

† Also prohibited the use of electronic vapor products by all individuals, in all locations, and at all times.

‡ Survey did not include schools from Chicago Public Schools.

Table 40a. Percentage of Secondary Schools That Had a Policy Prohibiting Specific Types of Tobacco Use for Specific Groups During Any School-Related Activity, Selected U.S. Sites: School Health Profiles, Principal Survey, 2020

Site	Cigarettes			Smokeless tobacco*		
	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors
STATE SURVEYS						
Alabama	97.4	97.4	97.4	97.4	97.4	97.4
Alaska	97.4	90.5	92.0	97.4	90.5	90.8
Arizona	94.2	91.7	91.1	93.2	90.7	89.1
Arkansas	98.2	98.2	96.4	98.2	97.8	95.0
Connecticut	92.0	91.6	91.1	90.7	89.5	88.7
Delaware	95.0	94.9	95.0	92.9	92.8	92.9
Florida	96.5	94.7	95.7	96.2	95.0	95.0
Georgia	96.6	96.6	95.2	96.6	96.6	95.2
Hawaii	98.9	94.9	97.5	97.1	93.1	95.7
Idaho	100.0	98.7	98.7	100.0	98.7	97.4
Illinois [†]	98.2	96.3	96.7	97.1	95.7	95.4
Indiana	98.4	98.4	98.4	97.6	97.6	96.8
Iowa	98.7	98.2	98.5	98.2	97.8	97.8
Kansas	98.9	97.1	95.0	98.9	96.7	93.3
Kentucky	96.8	95.5	95.9	96.3	95.9	95.4
Louisiana	96.0	94.9	95.0	96.0	93.8	92.8
Maine	96.5	96.0	96.4	96.5	96.0	95.5
Maryland	89.3	89.7	89.3	86.8	87.7	87.7
Massachusetts	95.5	93.7	92.5	95.0	92.7	91.1
Michigan	93.1	93.2	92.1	92.7	92.5	90.7
Minnesota	97.7	97.3	97.7	97.7	97.3	97.7
Mississippi	97.5	97.5	97.0	97.5	97.5	97.5
Missouri	98.1	96.5	92.3	98.1	95.7	89.1
Montana	100.0	98.2	98.2	100.0	98.2	98.2
Nebraska	97.7	98.4	96.7	96.2	96.3	95.9
Nevada	93.2	93.2	93.2	93.2	93.2	92.3
New Hampshire	99.5	99.5	99.5	98.8	99.5	98.9
New Mexico	95.4	95.0	93.6	95.4	94.6	92.8
New York	86.6	85.1	84.3	85.4	83.8	82.8
North Carolina	95.9	95.4	95.0	94.8	94.3	93.6
North Dakota	99.1	98.4	97.6	99.1	98.4	97.6
Ohio	93.7	94.0	91.7	91.9	93.4	90.8
Oklahoma	97.0	97.0	96.6	97.0	96.6	96.6
Oregon	98.5	97.8	98.4	98.5	97.8	98.4
Pennsylvania	93.9	92.9	91.2	93.5	92.5	90.5
Rhode Island	98.2	98.2	98.2	98.2	98.2	97.1
South Carolina	98.7	98.7	98.7	98.7	98.7	98.7
Tennessee	96.2	94.4	93.8	96.2	94.4	93.7
Texas	96.2	95.9	95.7	96.2	95.9	95.7
Utah	98.6	96.5	95.7	98.6	96.5	95.7

Table 40a. Percentage of Secondary Schools That Had a Policy Prohibiting Specific Types of Tobacco Use for Specific Groups During Any School-Related Activity, Selected U.S. Sites: School Health Profiles, Principal Survey, 2020 (continued)

Site	Cigarettes			Smokeless tobacco*		
	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors
Vermont	99.2	97.6	97.6	99.2	96.8	96.0
Virginia	95.4	95.3	95.3	95.0	94.9	94.0
Washington	98.7	98.1	98.6	98.7	98.1	98.6
West Virginia	100.0	100.0	98.9	100.0	100.0	98.9
Nationwide	95.9	95.2	94.6	95.4	94.8	93.9
Range	86.6-100.0	85.1-100.0	84.3-99.5	85.4-100.0	83.8-100.0	82.8-98.9
DISTRICT SURVEYS						
Albuquerque, NM	92.9	92.9	92.9	92.9	92.9	92.9
Boston, MA	84.0	82.6	78.5	82.4	82.6	78.5
Broward County, FL	98.2	94.0	96.9	98.2	95.4	96.9
Chicago, IL	66.3	65.9	65.4	66.3	65.9	65.4
Cleveland, OH	76.0	73.7	72.4	73.7	71.6	70.2
District of Columbia	67.6	67.6	65.5	67.6	65.5	65.5
Duval County, FL	87.2	86.7	86.7	87.2	87.0	84.4
Eaton Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0
Fort Worth, TX	94.6	94.6	94.6	94.6	94.5	91.0
Gaston County, NC	100.0	100.0	100.0	100.0	100.0	100.0
Genesee Consortium, MI	94.7	94.7	94.7	94.7	94.7	94.7
Hillsborough County, FL	92.9	85.9	91.2	92.9	85.9	87.8
Houston, TX	95.6	95.6	95.5	95.6	95.6	95.5
Los Angeles, CA	95.0	92.9	92.8	94.0	92.9	91.9
Nashville, TN	79.3	79.3	73.9	79.3	79.3	73.9
New York City, NY	70.1	67.4	66.5	69.7	66.9	64.8
Newark, NJ	70.0	70.0	67.6	67.6	67.6	70.0
Oakland, CA	91.6	88.4	84.4	87.8	84.5	80.6
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	93.7	93.7	93.7	93.7	93.7	93.7
Pasco County, FL	100.0	100.0	100.0	100.0	100.0	100.0
Philadelphia, PA	71.4	68.3	66.9	69.8	67.4	66.1
Portland, OR	95.3	95.3	95.3	95.3	95.3	95.3
San Diego, CA	96.6	96.5	96.6	96.6	94.3	94.4
San Francisco, CA	89.9	89.9	86.4	86.4	86.4	82.9
Seattle, WA	100.0	100.0	100.0	100.0	100.0	96.2
Shelby County, TN	86.6	86.6	86.6	86.4	86.6	86.6
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	100.0	100.0
Median	93.3	92.9	92.9	93.3	92.9	91.4
Range	66.3-100.0	65.9-100.0	65.4-100.0	66.3-100.0	65.5-100.0	64.8-100.0
TERRITORIAL SURVEY						
Puerto Rico	98.3	98.3	98.3	98.3	98.3	98.3

* Such as chewing tobacco, snuff, dip, snus, or dissolvable tobacco.

† Survey did not include schools from Chicago Public Schools.

Table 40b. Percentage of Secondary Schools That Had a Policy Prohibiting Specific Types of Tobacco Use for Specific Groups During Any School-Related Activity, Selected U.S. Sites: School Health Profiles, Principal Survey, 2020

Site	Cigars			Pipes			Electronic vapor products ^a		
	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors
STATE SURVEYS									
Alabama	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
Alaska	92.9	87.1	84.6	91.6	85.8	84.5	94.5	87.6	89.1
Arizona	91.1	89.0	88.9	91.1	89.0	88.4	91.8	89.3	88.7
Arkansas	97.7	97.7	96.4	97.2	97.2	95.9	98.2	97.8	96.0
Connecticut	89.8	88.9	88.9	89.8	88.5	88.5	91.1	89.9	89.8
Delaware	91.0	90.9	91.0	90.9	90.9	90.9	93.1	92.9	93.1
Florida	94.9	94.1	94.1	94.9	93.7	93.8	96.9	95.0	95.4
Georgia	95.1	95.1	94.5	95.1	95.1	94.5	93.9	93.8	92.5
Hawaii	98.9	93.9	96.5	98.9	93.9	96.5	98.9	94.9	97.5
Idaho	96.9	96.2	96.1	96.9	96.1	96.1	97.5	96.1	95.4
Illinois ^b	93.5	92.8	92.7	92.8	92.4	92.4	96.7	94.5	93.8
Indiana	95.2	95.6	95.6	94.8	95.2	95.2	97.2	96.1	95.5
Iowa	93.3	94.3	94.8	93.0	94.0	94.4	98.2	97.1	96.7
Kansas	95.7	93.9	91.2	95.2	93.4	90.6	97.7	95.2	91.1
Kentucky	95.8	95.4	94.9	95.8	95.4	94.5	96.3	95.9	94.9
Louisiana	95.5	94.3	93.9	95.5	94.3	93.9	95.5	94.9	92.8
Maine	95.5	95.0	95.5	95.0	94.5	94.5	96.9	95.4	95.5
Maryland	86.7	87.6	87.5	86.7	87.6	87.6	88.3	88.4	88.4
Massachusetts	91.9	90.1	89.2	91.9	90.2	89.3	94.8	92.5	91.3
Michigan	89.9	90.5	89.0	88.9	89.3	87.8	93.3	91.7	90.9
Minnesota	94.8	94.7	94.8	94.4	95.0	94.8	97.8	96.2	96.6
Mississippi	97.5	97.5	97.5	97.5	97.5	97.5	97.0	96.9	96.9
Missouri	96.3	94.3	89.7	96.3	94.3	89.7	98.1	95.3	89.9
Montana	97.0	94.3	95.2	97.8	94.3	95.2	99.5	96.4	96.4
Nebraska	95.4	93.7	93.7	94.1	96.3	93.3	94.1	94.1	92.4
Nevada	90.4	90.3	90.3	90.4	90.3	90.8	93.2	92.4	92.4
New Hampshire	97.1	98.3	97.7	95.8	96.4	96.4	97.1	96.6	96.0
New Mexico	93.6	93.2	91.8	93.2	92.4	90.9	93.2	93.7	91.8
New York	84.7	83.2	82.2	84.0	82.5	81.6	85.9	84.1	83.5
North Carolina	93.9	94.0	93.9	93.9	94.0	93.6	95.4	94.5	93.9
North Dakota	95.1	94.4	94.4	94.4	93.6	93.6	98.4	97.0	95.4
Ohio	91.4	89.9	89.3	90.2	89.2	88.1	87.9	87.7	87.9
Oklahoma	96.3	95.9	95.9	96.3	95.8	95.9	97.0	97.0	96.6
Oregon	96.9	96.2	96.4	96.9	96.2	96.4	98.5	97.8	97.9
Pennsylvania	92.5	91.5	90.1	92.5	91.5	89.8	92.4	91.0	89.6
Rhode Island	97.2	97.2	97.2	95.1	96.2	97.2	97.3	97.3	96.3
South Carolina	98.0	98.0	98.0	98.0	98.0	98.0	98.1	97.4	97.4
Tennessee	94.4	92.3	91.6	94.0	92.3	91.6	96.2	94.8	93.7
Texas	93.7	94.1	93.8	94.1	94.1	93.8	96.2	95.9	95.3
Utah	97.9	95.7	94.9	97.9	95.7	94.9	98.6	96.5	95.7

Table 40b. Percentage of Secondary Schools That Had a Policy Prohibiting Specific Types of Tobacco Use for Specific Groups During Any School-Related Activity, Selected U.S. Sites: School Health Profiles, Principal Survey, 2020 (continued)

Site	Cigars			Pipes			Electronic vapor products*		
	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors	Students	Faculty and staff	Visitors
Vermont	95.4	94.6	94.6	95.4	94.6	94.6	96.0	95.2	95.2
Virginia	93.4	93.7	93.6	93.0	93.3	93.2	95.4	95.3	95.3
Washington	98.1	98.1	98.1	98.1	98.1	98.1	98.2	97.6	97.6
West Virginia	96.0	95.7	95.7	96.8	95.7	95.7	97.7	96.8	95.7
Nationwide	93.9	93.4	92.9	93.7	93.2	92.6	95.0	94.0	93.4
Range	84.7-98.9	83.2-98.3	82.2-98.1	84.0-98.9	82.5-98.1	81.6-98.1	85.9-99.5	84.1-97.8	83.5-97.9
DISTRICT SURVEYS									
Albuquerque, NM	90.4	92.9	90.4	90.4	92.9	90.2	92.9	92.9	92.7
Boston, MA	81.2	81.2	77.1	81.2	81.2	77.1	79.9	81.0	77.1
Broward County, FL	98.2	94.0	95.4	96.8	94.0	95.4	98.2	95.4	96.9
Chicago, IL	65.5	65.5	65.4	65.1	65.5	65.4	66.2	65.9	65.4
Cleveland, OH	74.7	72.2	70.8	74.7	72.2	70.5	72.4	69.1	67.7
District of Columbia	67.6	65.5	65.5	67.6	65.5	65.5	67.6	65.5	65.5
Duval County, FL	87.2	87.0	84.4	87.0	86.7	84.4	87.0	86.7	83.7
Eaton Consortium, MI	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Fort Worth, TX	91.6	88.6	88.6	88.6	91.6	91.6	94.6	94.4	94.6
Gaston County, NC	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Genesee Consortium, MI	94.7	94.7	94.7	94.7	94.7	94.7	89.5	89.5	89.5
Hillsborough County, FL	91.2	84.2	87.8	91.2	84.2	87.8	92.9	85.9	89.3
Houston, TX	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.4
Los Angeles, CA	91.9	92.8	91.8	93.0	92.8	91.8	95.0	92.9	92.8
Nashville, TN	79.3	79.3	73.9	79.3	79.3	73.9	79.3	79.3	73.9
New York City, NY	69.3	67.1	65.8	69.3	67.1	66.1	69.9	67.3	66.2
Newark, NJ	70.0	67.6	67.6	67.6	70.0	67.6	67.6	67.6	67.6
Oakland, CA	84.5	81.3	77.4	84.5	81.3	77.4	87.8	84.5	80.6
Orange County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Palm Beach County, FL	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.5
Pasco County, FL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Philadelphia, PA	69.8	68.4	66.1	69.8	68.4	66.1	70.6	67.4	66.1
Portland, OR	95.3	95.3	95.3	95.3	95.3	95.2	95.3	87.5	92.1
San Diego, CA	92.2	94.3	94.4	94.4	92.0	92.2	96.6	96.5	96.6
San Francisco, CA	86.4	82.9	82.9	86.4	82.9	82.9	86.0	86.4	86.0
Seattle, WA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Shelby County, TN	86.4	86.4	86.6	86.6	86.6	86.4	86.6	86.6	86.4
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	100.0	93.1	100.0	100.0	100.0
Median	91.4	90.7	89.5	90.8	91.8	90.9	92.9	88.5	90.8
Range	65.5-100.0	65.5-100.0	65.4-100.0	65.1-100.0	65.5-100.0	65.4-100.0	66.2-100.0	65.5-100.0	65.4-100.0
TERRITORIAL SURVEY									
Puerto Rico	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

* Such as e-cigarettes, vapes, vape pens, e-hookahs, mods, or brands such as JUUL.

† Survey did not include schools from Chicago Public Schools.

Table 41. Percentage of Secondary Schools with Practices in Place to Prevent Bullying and Sexual Harassment, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	All school staff received professional development on preventing, identifying, and responding to student bullying and sexual harassment	Has a designated staff member to whom students can confidentially report student bullying and sexual harassment	Uses electronic, paper, or oral communication to publicize and disseminate policies, rules, or regulations on bullying and sexual harassment	Provide parents and families with health information on preventing student bullying and sexual harassment
STATE SURVEYS				
Alabama	97.7	97.9	99.4	68.8
Alaska	84.5	86.9	83.6	43.4
Arizona	85.0	94.6	91.3	55.6
Arkansas	93.6	90.9	96.3	76.4
Connecticut	93.1	96.7	98.0	62.3
Delaware	98.1	93.4	100.0	64.6
Florida	94.3	98.2	96.5	62.7
Georgia	84.8	97.2	97.2	55.8
Hawaii	71.6	96.8	97.1	67.5
Idaho	92.2	94.6	94.4	45.8
Illinois*	94.8	98.0	97.4	62.1
Indiana	98.1	96.3	98.5	58.9
Iowa	73.6	95.7	96.2	51.3
Kansas	95.5	92.9	96.1	61.6
Kentucky	94.4	96.2	98.0	74.9
Louisiana	98.9	95.9	94.4	61.3
Maine	87.0	95.7	96.7	51.9
Maryland	95.9	95.4	96.7	64.9
Massachusetts	89.7	96.2	98.2	67.5
Michigan	76.2	95.3	98.0	56.9
Minnesota	87.5	98.2	96.7	57.2
Mississippi	91.7	98.8	93.6	65.0
Missouri	98.5	97.0	98.6	63.1
Montana	63.6	95.0	88.9	58.1
Nebraska	92.3	96.5	95.8	59.5
Nevada	94.7	97.9	95.9	60.9
New Hampshire	93.9	94.9	98.9	70.8
New Mexico	92.5	96.4	91.1	69.7
New York	97.1	98.3	97.9	76.0
North Carolina	83.1	95.1	93.7	56.6
North Dakota	68.6	97.1	96.1	61.7
Ohio	91.5	98.0	96.6	65.9
Oklahoma	97.8	95.7	95.2	60.0
Oregon	89.8	95.3	96.2	51.8
Pennsylvania	82.2	92.4	98.0	59.2
Rhode Island	87.9	100.0	98.2	63.2
South Carolina	95.7	98.2	98.3	58.2
Tennessee	96.1	99.3	98.6	67.0
Texas	98.3	96.8	97.4	64.0

Table 41. Percentage of Secondary Schools with Practices in Place to Prevent Bullying and Sexual Harassment, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	All school staff received professional development on preventing, identifying, and responding to student bullying and sexual harassment	Has a designated staff member to whom students can confidentially report student bullying and sexual harassment	Uses electronic, paper, or oral communication to publicize and disseminate policies, rules, or regulations on bullying and sexual harassment	Provide parents and families with health information on preventing student bullying and sexual harassment
Utah	98.1	97.4	99.3	59.0
Vermont	93.5	98.4	97.7	54.0
Virginia	86.8	94.4	94.7	65.5
Washington	94.5	93.9	96.6	55.1
West Virginia	97.1	94.7	95.1	66.3
Nationwide	91.4	95.9	96.9	64.0
Range	63.6-98.9	86.9-100.0	83.6-100.0	43.4-76.4
DISTRICT SURVEYS				
Albuquerque, NM	95.0	97.5	97.9	66.4
Boston, MA	80.2	97.3	93.7	54.4
Broward County, FL	97.1	100.0	97.1	72.0
Chicago, IL	95.4	98.8	93.0	76.6
Cleveland, OH	86.0	94.0	85.0	50.5
District of Columbia	89.3	100.0	95.7	78.3
Duval County, FL	91.5	95.7	97.9	61.8
Eaton Consortium, MI	65.2	100.0	100.0	81.8
Fort Worth, TX	100.0	97.0	96.5	78.6
Gaston County, NC	100.0	100.0	100.0	52.4
Genesee Consortium, MI	63.2	89.5	89.5	84.2
Hillsborough County, FL	94.9	96.5	96.5	68.2
Houston, TX	100.0	100.0	100.0	85.8
Los Angeles, CA	96.3	100.0	100.0	76.2
Nashville, TN	96.2	100.0	91.5	47.7
New York City, NY	97.9	99.6	97.9	73.2
Newark, NJ	97.6	100.0	94.4	65.0
Oakland, CA	49.2	84.3	80.5	35.7
Orange County, FL	88.7	100.0	95.9	69.0
Palm Beach County, FL	96.2	98.0	96.3	78.6
Pasco County, FL	96.4	96.4	100.0	63.0
Philadelphia, PA	90.3	97.6	97.6	66.0
Portland, OR	87.6	89.0	93.8	55.0
San Diego, CA	94.7	94.6	98.2	96.3
San Francisco, CA	74.9	100.0	94.1	36.7
Seattle, WA	92.6	92.6	96.3	70.4
Shelby County, TN	100.0	98.3	100.0	88.9
Spartanburg Consortium, SC	100.0	100.0	100.0	61.1
Median	94.9	98.2	96.5	68.6
Range	49.2-100.0	84.3-100.0	80.5-100.0	35.7-96.3
TERRITORIAL SURVEY				
Puerto Rico	96.2	100.0	99.5	79.7

* Survey did not include schools from Chicago Public Schools.

Table 42. Percentage of Secondary Schools That Engage in Specific Practices Related to Lesbian, Gay, Bisexual, Transgender, and Questioning (LGBTQ) Youth; the Percentage That Have a Gay/Straight Alliance or Similar Club,* and the Percentage in Which School Staff Received Professional Development to Support LGBT Students, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	Identify safe spaces ¹	Prohibit harassment ²	Encourage staff to attend professional development on safe and supportive school environments for all students ³	Facilitate access to providers not on school property who have experience in providing health services ⁴ to LGBTQ youth	Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth	Have a gay/straight alliance or similar club	Lead health education teacher received professional development on how to support LGBT students ⁶	Staff received professional development to support LGBT students (performance measure) ¹¹
STATE SURVEYS								
Alabama	80.1	94.7	76.6	47.4	54.0	24.4	21.5	14.8
Alaska	53.4	92.7	74.1	53.2	49.6	26.7	18.0	11.2
Arizona	75.2	92.5	72.9	42.1	49.4	29.3	29.7	21.5
Arkansas	72.6	97.6	74.3	42.6	53.5	22.8	26.2	19.6
Connecticut	87.2	98.6	88.8	62.6	73.0	62.1	53.4	46.4
Delaware	85.8	95.4	90.8	64.9	69.5	60.6	41.5	27.8
Florida	92.3	98.4	87.5	62.4	71.0	58.6	52.1	42.6
Georgia	73.1	95.2	67.2	43.2	55.1	29.1	25.1	17.7
Hawaii	82.2	96.8	85.2	51.4	54.0	54.8	23.0	20.4
Idaho	84.9	97.0	79.9	52.8	57.8	40.3	21.2	14.8
Illinois ^{††}	79.8	95.6	80.2	51.4	53.9	39.6	38.3	31.7
Indiana	87.2	98.1	77.2	55.2	64.9	42.7	20.6	11.2
Iowa	79.0	97.7	80.7	56.0	67.3	37.7	26.8	15.4
Kansas	71.0	94.3	75.5	49.7	55.5	31.7	26.2	23.2
Kentucky	79.4	94.3	71.9	55.3	67.1	28.0	24.9	18.9
Louisiana	69.1	94.1	75.2	45.2	49.9	18.7	23.2	16.1
Maine	88.8	99.1	93.6	65.3	78.5	70.9	54.9	48.2
Maryland	88.2	97.9	86.2	52.8	62.3	65.5	66.7	49.8
Massachusetts	97.8	99.5	95.5	74.6	84.9	75.2	70.2	64.8
Michigan	82.7	96.8	83.7	52.6	64.0	43.7	33.0	26.3
Minnesota	92.1	98.2	91.4	68.8	75.9	56.6	48.9	42.9
Mississippi	62.9	91.2	64.6	42.3	44.4	15.7	20.7	15.6
Missouri	83.2	97.5	78.8	53.5	59.3	30.9	29.3	23.5
Montana	73.7	95.7	76.9	50.0	55.0	21.5	19.2	12.7
Nebraska	68.7	94.2	72.1	55.9	60.9	23.6	18.9	13.1
Nevada	85.1	97.3	83.6	54.4	73.1	53.0	29.5	15.7
New Hampshire	87.4	98.4	91.8	69.5	80.6	50.8	59.4	54.6
New Mexico	85.3	96.0	83.1	70.3	73.1	39.2	41.2	30.9
New York	95.8	99.7	95.7	79.1	83.8	66.5	63.2	56.3
North Carolina	83.7	97.6	72.4	47.7	53.5	35.9	35.8	22.5
North Dakota	67.3	93.3	66.9	50.2	51.1	22.3	19.3	15.7
Ohio	77.6	94.5	72.7	50.9	57.8	35.4	23.5	17.3
Oklahoma	68.5	91.5	67.5	49.3	53.9	15.0	28.4	13.1
Oregon	90.7	98.8	88.6	67.6	76.4	55.7	52.4	41.9
Pennsylvania	86.2	96.6	82.0	55.5	62.4	45.3	37.3	30.5
Rhode Island	91.7	98.2	95.6	76.0	85.8	69.8	62.3	57.0
South Carolina	79.3	94.5	75.3	40.6	46.5	27.6	24.7	16.1
Tennessee	81.1	96.9	80.3	46.4	59.0	24.1	23.2	16.1
Texas	72.9	95.2	71.5	43.2	53.9	34.6	25.1	14.1
Utah	94.6	99.3	89.2	52.5	75.0	50.3	32.1	21.7
Vermont	92.7	100.0	93.4	71.5	78.2	55.5	77.4	70.9
Virginia	86.2	97.1	83.5	48.9	62.5	44.5	38.2	30.3
Washington	89.1	99.4	88.2	66.8	72.4	63.6	43.4	38.7

Table 42. Percentage of Secondary Schools That Engage in Specific Practices Related to Lesbian, Gay, Bisexual, Transgender, and Questioning (LGBTQ) Youth; the Percentage That Have a Gay/Straight Alliance or Similar Club,^{*} and the Percentage in Which School Staff Received Professional Development to Support LGBT Students, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	Identify safe spaces [†]	Prohibit harassment [‡]	Encourage staff to attend professional development on safe and supportive school environments for all students [§]	Facilitate access to providers not on school property who have experience in providing health services [¶] to LGBTQ youth	Facilitate access to providers not on school property who have experience in providing social and psychological services to LGBTQ youth	Have a gay/straight alliance or similar club	Lead health education teacher received professional development on how to support LGBT students ^{**}	Staff received professional development to support LGBT students (performance measure) ^{††}
West Virginia	80.7	94.0	82.0	46.0	50.2	34.1	18.7	12.7
Nationwide	82.4	96.7	81.3	54.4	61.6	43.7	39.3	29.9
Range	53.4-97.8	91.2-100.0	64.6-95.7	40.6-79.1	44.4-85.8	15.0-75.2	18.0-77.4	11.2-70.9
DISTRICT SURVEYS								
Albuquerque, NM	100.0	100.0	90.4	75.4	85.4	72.9	82.5	70.1
Boston, MA	98.5	98.6	90.0	71.1	76.8	53.1	74.7	67.7
Broward County, FL	100.0	100.0	96.8	75.4	85.1	76.5	78.3	73.4
Chicago, IL	87.8	97.6	96.8	54.7	59.8	33.5	89.0	82.4
Cleveland, OH	71.0	92.0	75.0	49.0	58.2	40.4	41.8	35.7
District of Columbia	97.8	100.0	95.7	67.6	71.9	69.3	86.8	82.6
Duval County, FL	97.9	100.0	97.9	80.9	85.1	64.4	70.0	67.4
Eaton Consortium, MI	100.0	100.0	100.0	73.9	82.6	87.0	90.9	87.5
Fort Worth, TX	87.7	97.1	74.3	45.5	64.3	53.3	84.5	61.2
Gaston County, NC	90.5	100.0	85.7	47.6	52.4	47.6	47.6	38.1
Genesee Consortium, MI	63.2	94.7	84.2	57.9	63.2	47.4	63.2	52.9
Hillsborough County, FL	98.1	98.4	87.4	54.6	63.2	82.5	75.3	64.3
Houston, TX	91.0	97.0	87.9	79.4	77.9	34.7	80.5	72.6
Los Angeles, CA	95.2	99.1	89.3	76.8	82.5	80.4	76.2	68.6
Nashville, TN	96.3	100.0	92.6	74.8	70.2	46.0	58.0	28.6
New York City, NY	97.9	99.0	97.6	81.4	82.9	66.7	66.1	58.9
Newark, NJ	80.4	96.9	76.0	55.4	64.6	20.0	36.8	25.2
Oakland, CA	91.9	100.0	92.5	70.7	74.4	82.9	61.3	61.3
Orange County, FL	100.0	100.0	92.2	54.7	69.2	92.3	52.6	44.3
Palm Beach County, FL	100.0	100.0	96.1	66.2	81.1	62.5	96.6	90.1
Pasco County, FL	96.4	100.0	92.9	82.1	82.1	60.7	39.3	35.7
Philadelphia, PA	87.2	96.0	91.2	61.6	69.1	42.9	72.5	62.5
Portland, OR	96.9	100.0	96.6	64.3	84.3	100.0	89.2	87.0
San Diego, CA	93.9	100.0	100.0	81.8	90.4	85.0	71.4	69.4
San Francisco, CA	100.0	100.0	90.3	85.8	96.5	94.2	83.5	65.0
Seattle, WA	100.0	100.0	92.6	85.2	88.9	96.2	92.6	88.9
Shelby County, TN	75.0	95.0	88.5	51.9	52.9	30.9	43.3	37.7
Spartanburg Consortium, SC	75.0	100.0	88.9	41.7	47.2	11.8	50.0	50.0
Median	96.4	100.0	91.7	69.1	75.6	63.4	73.6	64.6
Range	63.2-100.0	92.0-100.0	74.3-100.0	41.7-85.8	47.2-96.5	11.8-100.0	36.8-96.6	25.2-90.1
TERRITORIAL SURVEY								
Puerto Rico	90.8	86.4	92.1	32.0	31.2	32.6	12.5	4.8

* A student-led club that aims to create a safe, welcoming, and accepting school environment for all youth, regardless of sexual orientation or gender identity.

† Such as a counselor's office, designated classroom, or student organization where LGBTQ youth can receive support from administration, teachers, or other school staff.

‡ Based on a student's perceived or actual sexual orientation or gender identity.

§ Regardless of sexual orientation or gender identity.

¶ Including HIV/STD testing and counseling.

** During the two years before the survey.

†† Lead health education teacher receives professional development and school encourages staff to attend professional development on safe supportive environments for all students, regardless of sexual orientation or gender identity.

‡‡ Survey did not include schools from Chicago Public Schools.

Table 43. Percentage of Secondary Schools That Have a Full-Time* Registered Nurse Who Provides Health Services to Students, the Percentage That Have a Part-Time† Registered Nurse Who Provides Health Services to Students, the Percentage That Have a School-Based Health Center‡ That Offers Health Services to Students, and the Percentage That Have a Protocol That Ensures Students with a Chronic Condition§ are Enrolled in Insurance Programs,¶ Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Full-time registered nurse	Part-time registered nurse	School-based health center	Protocol that ensures students with a chronic condition are enrolled in insurance programs if eligible
STATE SURVEYS				
Alabama	93.6	17.8	16.7	69.6
Alaska	21.2	8.9	8.0	42.4
Arizona	48.2	20.8	28.4	52.6
Arkansas	87.5	21.4	25.3	71.9
Connecticut	97.0	29.9	36.2	76.7
Delaware	100.0	23.6	49.4	81.5
Florida	55.7	38.3	24.2	57.4
Georgia	64.7	24.0	24.9	62.8
Hawaii	26.4	11.8	26.6	61.2
Idaho	19.5	47.9	7.5	57.6
Illinois**	67.5	34.4	13.2	57.4
Indiana	82.2	30.3	20.9	53.2
Iowa	61.6	46.6	12.9	68.9
Kansas	49.3	49.5	11.5	50.7
Kentucky	67.4	34.7	45.3	60.8
Louisiana	52.3	60.0	28.6	60.1
Maine	59.7	44.1	14.3	67.6
Maryland	79.0	43.7	43.0	76.7
Massachusetts	97.7	29.4	28.8	81.5
Michigan	15.7	27.4	10.4	51.1
Minnesota	63.4	53.3	25.4	70.5
Mississippi	50.2	46.3	27.9	50.3
Missouri	79.8	27.3	21.3	63.9
Montana	14.0	45.7	15.0	50.5
Nebraska	45.0	53.9	22.4	69.4
Nevada	22.9	71.9	34.0	66.7
New Hampshire	95.7	20.3	20.5	70.2
New Mexico	54.4	47.0	34.9	77.2
New York	97.3	22.0	32.7	70.8
North Carolina	29.8	63.7	21.2	60.0
North Dakota	9.4	27.2	16.9	48.4
Ohio	49.2	48.2	18.3	62.0
Oklahoma	26.9	17.9	11.8	57.5
Oregon	11.1	69.1	27.3	67.7
Pennsylvania	86.9	38.6	22.3	79.5
Rhode Island	92.4	11.5	20.9	71.5
South Carolina	89.7	21.8	22.1	60.4
Tennessee	71.7	33.1	24.5	63.0
Texas	84.4	20.3	21.4	62.1
Utah	10.1	87.3	10.6	46.5
Vermont	77.1	29.9	26.2	73.7
Virginia	88.1	24.4	21.2	67.5
Washington	34.4	69.4	18.6	65.7

Table 43. Percentage of Secondary Schools That Have a Full-Time* Registered Nurse Who Provides Health Services to Students, the Percentage That Have a Part-Time† Registered Nurse Who Provides Health Services to Students, the Percentage That Have a School-Based Health Center‡ That Offers Health Services to Students, and the Percentage That Have a Protocol That Ensures Students with a Chronic Condition§ are Enrolled in Insurance Programs,¶ Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Full-time registered nurse	Part-time registered nurse	School-based health center	Protocol that ensures students with a chronic condition are enrolled in insurance programs if eligible
West Virginia	37.7	62.7	41.7	73.6
Nationwide	61.7	38.9	22.1	62.6
Range	9.4-100.0	8.9-87.3	7.5-49.4	42.4-81.5
DISTRICT SURVEYS				
Albuquerque, NM	83.8	24.4	32.7	92.5
Boston, MA	95.9	26.1	32.6	79.7
Broward County, FL	80.0	12.5	20.8	53.4
Chicago, IL	31.2	81.2	13.3	83.9
Cleveland, OH	23.0	78.8	38.0	63.9
District of Columbia	76.9	43.3	52.8	73.1
Duval County, FL	17.0	89.4	27.7	67.4
Eaton Consortium, MI	19.0	52.4	19.0	89.5
Fort Worth, TX	94.4	9.9	31.1	53.4
Gaston County, NC	4.8	95.2	14.3	47.6
Genesee Consortium, MI	15.8	26.3	31.6	73.7
Hillsborough County, FL	89.3	50.2	29.6	46.3
Houston, TX	91.6	12.3	25.1	76.1
Los Angeles, CA	76.6	27.6	39.4	79.6
Nashville, TN	32.1	67.9	4.8	63.6
New York City, NY	95.2	25.3	46.7	74.1
Newark, NJ	100.0	5.5	30.8	69.5
Oakland, CA	11.8	77.7	68.9	80.0
Orange County, FL	53.9	7.8	27.1	46.8
Palm Beach County, FL	96.8	22.8	28.9	67.6
Pasco County, FL	7.1	96.3	3.7	68.0
Philadelphia, PA	97.4	17.5	26.5	83.8
Portland, OR	16.0	73.2	30.3	84.0
San Diego, CA	66.1	43.7	32.1	86.1
San Francisco, CA	53.7	42.3	47.6	87.3
Seattle, WA	81.5	46.2	65.4	81.5
Shelby County, TN	18.2	84.7	33.2	59.9
Spartanburg Consortium, SC	100.0	7.8	19.1	76.5
Median	71.4	42.8	30.5	73.9
Range	4.8-100.0	5.5-96.3	3.7-68.9	46.3-92.5
TERRITORIAL SURVEY				
Puerto Rico	5.3	98.3	96.7	54.4

* A nurse is at the school during all school hours, 5 days a week.

† A nurse is at the school less than 5 days a week, less than all school hours, or both.

‡ A place on school campus where enrolled students can receive primary care, including diagnostic and treatment services. These services are usually provided by a nurse practitioner or physician's assistant.

§ A condition that may require daily or emergency management, such as asthma, diabetes, or food allergies.

¶ Private, state, or federally funded insurance programs.

** Survey did not include schools from Chicago Public Schools.

Table 44. Percentage of Secondary Schools That Routinely Use School Records to Identify and Track Students with Chronic Conditions, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Asthma	Food allergies	Diabetes	Epilepsy or seizure disorder	Obesity	Hypertension/ High blood pressure	Oral health condition
STATE SURVEYS							
Alabama	98.6	97.4	98.1	97.4	44.4	77.3	50.8
Alaska	85.0	88.3	75.4	78.7	27.5	47.4	38.7
Arizona	91.1	92.6	87.2	87.2	31.2	61.8	44.7
Arkansas	97.8	97.5	97.3	97.3	54.6	78.8	52.0
Connecticut	97.4	97.4	97.0	97.0	38.2	62.9	48.8
Delaware	98.1	98.1	98.1	100.0	65.5	74.1	67.4
Florida	94.9	93.6	94.2	94.9	38.5	65.5	38.6
Georgia	95.7	95.7	95.7	95.1	30.2	67.6	43.7
Hawaii	94.6	94.6	95.5	94.6	25.5	56.0	27.5
Idaho	95.9	95.9	95.9	96.3	17.8	48.9	28.2
Illinois*	98.3	98.2	97.5	96.5	36.9	60.0	52.4
Indiana	96.3	97.4	95.9	95.9	28.2	67.6	40.6
Iowa	97.1	97.7	97.0	97.3	37.9	69.2	64.0
Kansas	93.4	95.6	94.9	95.5	35.5	64.4	53.4
Kentucky	95.8	95.8	96.2	95.8	42.9	69.1	52.6
Louisiana	97.5	95.9	96.4	96.0	38.5	69.7	42.4
Maine	98.5	98.6	98.2	96.3	39.2	63.4	56.1
Maryland	96.3	95.5	95.9	94.2	34.6	69.9	47.0
Massachusetts	97.5	98.6	98.2	98.0	59.0	75.6	60.5
Michigan	94.7	96.1	96.8	95.0	19.9	38.4	25.6
Minnesota	99.3	99.3	98.9	99.3	28.9	58.3	37.9
Mississippi	95.8	95.8	94.4	94.9	43.2	79.6	47.3
Missouri	97.2	97.8	96.7	96.7	40.9	76.1	61.7
Montana	92.6	93.7	93.3	92.2	20.1	43.4	34.4
Nebraska	97.9	98.4	98.4	97.1	34.9	65.1	58.0
Nevada	96.8	96.8	94.0	94.1	31.4	63.7	37.3
New Hampshire	98.4	98.4	98.4	97.9	47.0	70.8	61.5
New Mexico	97.4	96.9	96.4	96.9	48.5	75.3	59.0
New York	94.8	94.3	93.5	94.1	59.4	71.3	56.6
North Carolina	97.0	95.7	96.7	96.1	40.3	65.8	48.4
North Dakota	91.5	90.6	87.8	85.9	25.3	42.9	33.6
Ohio	96.5	96.0	96.7	96.1	31.1	60.7	40.6
Oklahoma	92.0	94.4	94.9	91.9	30.9	55.2	35.8
Oregon	97.7	98.1	97.1	95.9	24.9	49.8	46.4
Pennsylvania	97.5	97.1	97.2	96.4	65.4	81.2	77.4
Rhode Island	98.2	97.1	98.2	96.0	54.9	78.1	73.1
South Carolina	95.0	95.0	95.5	94.9	38.3	78.8	61.9
Tennessee	97.2	97.5	97.5	97.6	46.8	75.2	52.2
Texas	96.6	97.2	97.5	97.0	42.0	74.4	45.9
Utah	96.4	95.8	97.1	97.1	25.2	41.8	25.4
Vermont	98.2	98.2	94.7	93.2	35.1	60.4	68.4

Table 44. Percentage of Secondary Schools That Routinely Use School Records to Identify and Track Students with Chronic Conditions, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Asthma	Food allergies	Diabetes	Epilepsy or seizure disorder	Obesity	Hypertension/ High blood pressure	Oral health condition
Virginia	98.4	97.6	97.5	97.6	34.3	66.7	45.2
Washington	100.0	100.0	99.4	100.0	31.1	60.3	37.4
West Virginia	92.2	92.2	93.2	92.2	34.8	71.1	59.9
Nationwide	96.8	96.8	96.3	96.2	38.7	64.2	47.2
Range	85.0-100.0	88.3-100.0	75.4-99.4	78.7-100.0	17.8-65.5	38.4-81.2	25.4-77.4
DISTRICT SURVEYS							
Albuquerque, NM	97.5	95.0	94.8	97.5	54.8	77.5	65.0
Boston, MA	100.0	100.0	97.2	98.6	65.3	82.0	68.2
Broward County, FL	97.1	92.5	95.7	95.3	40.9	59.0	34.6
Chicago, IL	99.1	98.3	97.9	96.2	34.6	54.4	57.2
Cleveland, OH	92.9	91.8	91.9	93.9	40.2	60.2	43.9
District of Columbia	93.6	95.7	89.3	93.5	63.4	72.0	67.0
Duval County, FL	97.9	97.9	97.9	97.9	46.8	63.8	44.7
Eaton Consortium, MI	90.5	100.0	100.0	100.0	0.0	9.5	0.0
Fort Worth, TX	86.2	86.2	86.2	83.2	31.4	60.1	27.7
Gaston County, NC	100.0	100.0	100.0	100.0	28.6	61.9	23.8
Genesee Consortium, MI	100.0	94.7	100.0	100.0	26.3	57.9	31.6
Hillsborough County, FL	98.4	98.4	98.4	98.4	35.4	67.1	33.3
Houston, TX	98.5	95.6	96.9	97.0	75.2	92.3	71.9
Los Angeles, CA	97.1	96.1	97.0	97.1	56.2	69.1	57.1
Nashville, TN	100.0	100.0	100.0	95.9	33.9	61.7	33.0
New York City, NY	93.3	93.6	93.3	92.8	50.6	62.9	50.9
Newark, NJ	100.0	100.0	96.9	96.9	47.3	78.4	59.9
Oakland, CA	91.6	83.2	87.0	79.2	26.8	45.7	38.4
Orange County, FL	98.0	98.0	98.0	98.0	44.7	69.3	26.9
Palm Beach County, FL	100.0	100.0	100.0	100.0	53.4	76.2	47.4
Pasco County, FL	96.3	96.3	96.3	96.3	40.7	81.5	44.4
Philadelphia, PA	99.2	98.3	99.2	98.3	52.7	74.5	69.7
Portland, OR	100.0	100.0	100.0	100.0	35.8	66.6	46.8
San Diego, CA	98.3	98.3	96.6	96.6	54.5	68.3	58.7
San Francisco, CA	93.9	94.1	94.1	94.1	43.4	64.7	50.4
Seattle, WA	96.3	96.3	96.3	96.3	40.7	55.6	51.9
Shelby County, TN	91.7	93.3	91.7	93.4	61.9	68.6	52.8
Spartanburg Consortium, SC	100.0	100.0	100.0	100.0	47.2	88.9	76.4
Median	98.0	97.1	97.0	97.0	44.1	66.8	48.9
Range	86.2-100.0	83.2-100.0	86.2-100.0	79.2-100.0	0.0-75.2	9.5-92.3	0.0-76.4
TERRITORIAL SURVEY							
Puerto Rico	98.3	98.3	98.3	98.3	98.3	98.3	98.3

* Survey did not include schools from Chicago Public Schools.

TABLE 45. Percentage of Secondary Schools That Provide Referrals to Any Organizations or Health Care Professionals Not on School Property for Students Diagnosed with or Suspected to Have Chronic Conditions, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Asthma	Food allergies	Diabetes	Epilepsy or seizure disorder	Obesity	Hypertension/High blood pressure	Oral health condition
STATE SURVEYS							
Alabama	32.8	32.4	33.9	32.4	25.1	32.9	31.7
Alaska	41.1	39.3	37.6	38.2	32.1	35.6	40.3
Arizona	37.1	35.1	36.6	35.2	29.5	32.2	38.5
Arkansas	50.8	50.1	50.6	50.1	43.3	48.7	49.7
Connecticut	55.6	54.6	54.7	54.3	46.1	51.3	54.3
Delaware	70.2	68.4	70.2	69.6	61.8	68.4	69.7
Florida	38.0	36.7	38.2	38.5	31.2	34.7	38.7
Georgia	43.5	40.7	42.4	42.8	31.6	38.3	40.6
Hawaii	32.7	31.6	33.7	32.7	23.3	29.6	32.5
Idaho	34.3	33.8	33.7	34.3	28.7	31.0	37.2
Illinois*	42.0	40.3	41.3	41.7	29.2	35.7	43.1
Indiana	44.9	44.9	45.5	44.1	30.7	40.1	42.7
Iowa	56.4	55.6	55.7	55.9	44.3	51.7	55.4
Kansas	49.8	49.2	49.2	47.5	36.7	45.1	53.5
Kentucky	62.9	62.4	62.8	62.9	51.7	61.0	64.2
Louisiana	42.7	40.8	42.2	41.1	29.0	37.3	38.2
Maine	57.1	57.1	58.0	57.1	45.1	53.0	61.0
Maryland	55.8	51.9	53.1	52.4	40.2	47.6	52.6
Massachusetts	70.3	69.2	70.0	69.4	59.7	64.3	66.5
Michigan	33.5	32.7	32.7	31.8	23.9	27.3	35.6
Minnesota	55.4	54.8	53.2	54.4	40.9	48.6	52.2
Mississippi	46.9	46.0	46.0	46.5	38.5	44.1	44.2
Missouri	55.2	54.0	54.4	54.4	42.1	52.6	58.5
Montana	48.2	47.8	47.8	47.8	32.4	39.5	43.5
Nebraska	51.8	51.8	52.3	51.0	39.3	44.8	51.2
Nevada	53.7	53.6	53.7	52.3	38.9	46.1	51.2
New Hampshire	60.3	58.9	59.6	58.4	47.6	53.3	60.5
New Mexico	70.8	70.8	70.3	70.2	59.7	67.2	68.1
New York	69.0	68.1	67.2	67.1	59.2	62.6	65.9
North Carolina	53.3	50.0	52.0	51.7	42.3	47.5	53.0
North Dakota	46.3	45.7	47.0	45.3	33.6	38.6	43.4
Ohio	52.5	51.0	51.7	51.2	42.2	47.8	50.8
Oklahoma	40.2	40.5	42.0	40.2	30.4	34.5	37.7
Oregon	54.3	52.1	53.7	54.4	39.4	47.4	61.3
Pennsylvania	63.8	62.9	63.9	63.3	56.2	58.2	66.0
Rhode Island	67.1	65.2	66.1	66.1	61.0	64.9	71.4
South Carolina	42.3	40.4	41.1	38.4	32.3	40.2	48.9
Tennessee	49.6	47.9	49.1	49.7	40.5	47.7	50.8
Texas	50.6	48.3	50.1	49.8	37.6	45.7	46.0
Utah	31.8	31.8	31.8	31.8	22.5	24.7	31.0

TABLE 45. Percentage of Secondary Schools That Provide Referrals to Any Organizations or Health Care Professionals Not on School Property for Students Diagnosed with or Suspected to Have Chronic Conditions, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Asthma	Food allergies	Diabetes	Epilepsy or seizure disorder	Obesity	Hypertension/High blood pressure	Oral health condition
Vermont	76.6	73.4	71.5	70.6	60.1	68.2	77.6
Virginia	43.6	40.7	42.8	42.9	31.8	40.0	43.5
Washington	49.7	49.4	49.4	50.3	35.1	44.3	47.7
West Virginia	54.9	54.9	54.9	55.4	43.2	53.8	59.5
Nationwide	54.1	52.4	53.3	53.1	40.5	46.6	52.7
Range	31.8-76.6	31.6-73.4	31.8-71.5	31.8-70.6	22.5-61.8	24.7-68.4	31.0-77.6
DISTRICT SURVEYS							
Albuquerque, NM	61.8	61.8	64.3	64.3	59.2	61.8	66.9
Boston, MA	78.3	76.8	78.3	75.5	71.5	71.4	76.9
Broward County, FL	36.2	34.8	34.8	36.2	30.8	31.7	38.2
Chicago, IL	64.5	56.1	57.8	56.1	35.1	40.4	60.1
Cleveland, OH	58.5	55.8	56.4	53.8	45.2	48.4	70.5
District of Columbia	76.5	74.3	74.3	73.7	67.7	67.9	71.4
Duval County, FL	45.7	41.3	47.8	47.8	32.6	39.1	43.5
Eaton Consortium, MI	42.9	42.9	42.9	42.9	19.0	19.0	42.9
Fort Worth, TX	72.1	69.0	72.1	72.1	44.0	61.5	53.9
Gaston County, NC	23.8	23.8	23.8	23.8	23.8	23.8	28.6
Genesee Consortium, MI	47.4	42.1	47.4	47.4	42.1	42.1	47.4
Hillsborough County, FL	33.6	33.6	33.6	35.3	28.7	32.0	32.0
Houston, TX	90.0	88.6	90.0	88.8	83.2	88.6	85.8
Los Angeles, CA	77.5	72.7	74.7	77.5	67.8	74.6	76.5
Nashville, TN	60.8	56.5	55.6	46.0	37.4	51.2	55.6
New York City, NY	77.4	75.2	73.7	73.9	64.4	65.9	69.5
Newark, NJ	86.6	74.0	80.3	78.1	64.1	74.6	78.6
Oakland, CA	80.0	76.0	84.5	80.0	69.5	79.3	80.0
Orange County, FL	29.1	27.1	29.1	29.1	29.1	29.1	31.6
Palm Beach County, FL	56.6	54.7	56.6	53.4	36.3	48.5	41.4
Pasco County, FL	60.7	53.6	60.7	60.7	50.0	57.1	57.1
Philadelphia, PA	80.8	78.3	77.5	78.3	64.9	72.4	84.0
Portland, OR	74.7	59.6	70.0	70.0	51.5	54.9	63.1
San Diego, CA	82.2	82.2	82.2	82.2	71.3	78.4	82.0
San Francisco, CA	83.7	77.1	80.2	80.2	72.1	79.7	80.6
Seattle, WA	72.0	72.0	72.0	76.0	52.0	64.0	72.0
Shelby County, TN	41.9	40.2	40.2	41.9	41.9	40.2	43.6
Spartanburg Consortium, SC	47.2	47.2	47.2	40.3	29.2	47.2	65.3
Median	63.1	58.0	62.5	62.5	47.6	56.0	64.2
Range	23.8-90.0	23.8-88.6	23.8-90.0	23.8-88.8	19.0-83.2	19.0-88.6	28.6-85.8
TERRITORIAL SURVEY							
Puerto Rico	97.9	97.4	98.4	97.9	97.9	97.4	97.9

* Survey did not include schools from Chicago Public Schools.

TABLE 46. Percentage of Secondary Schools That Provided Specific Sexual Health Services to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	HIV ^a testing	STD ^b testing	Pregnancy testing	Provision of condoms	Provision of condom-compatible lubricants	Provision of contraceptives other than condoms	HPV ^c vaccine administration	Provided one or more of these services (performance measure)
STATE SURVEYS								
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.9
Alaska	1.1	1.1	1.7	1.8	1.7	1.8	2.4	3.1
Arizona	0.5	0.5	1.9	1.4	0.5	1.0	2.9	5.4
Arkansas	1.5	2.0	7.8	3.2	0.5	1.5	2.0	9.8
Connecticut	5.8	8.0	9.5	7.9	4.2	4.6	6.3	10.7
Delaware	19.3	34.6	33.6	35.0	14.7	31.0	16.8	39.0
Florida	1.6	1.6	2.8	2.3	1.3	0.7	1.9	4.4
Georgia	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
Hawaii	0.0	0.0	1.0	0.0	0.0	0.0	1.0	2.1
Idaho	0.0	0.0	1.1	2.3	0.0	0.0	1.0	3.4
Illinois ^d	0.7	1.0	1.0	2.7	0.3	1.4	2.0	4.2
Indiana	0.3	0.7	2.7	0.7	0.0	0.0	3.0	5.4
Iowa	0.5	1.6	2.9	1.9	0.9	0.9	0.7	4.7
Kansas	0.5	0.5	1.6	0.9	0.0	0.5	0.5	2.5
Kentucky	4.2	4.2	11.1	4.1	2.8	4.2	10.0	14.0
Louisiana	2.9	5.2	4.6	0.6	0.6	1.2	6.3	7.6
Maine	1.0	1.9	4.9	10.8	4.8	1.9	1.4	12.6
Maryland	1.3	3.0	4.3	6.1	2.2	2.1	2.1	7.4
Massachusetts	3.6	4.1	5.6	12.7	4.8	3.8	2.8	13.7
Michigan	2.1	2.8	2.7	1.7	1.3	1.0	1.7	3.8
Minnesota	2.1	2.8	3.6	4.4	2.8	2.7	2.3	5.3
Mississippi	1.2	2.8	3.3	2.6	0.9	0.9	1.2	3.8
Missouri	0.4	0.4	2.1	1.8	0.7	0.7	2.3	4.5
Montana	0.8	0.8	1.2	2.1	1.2	0.8	2.5	3.9
Nebraska	1.7	1.7	2.6	1.7	1.7	1.7	3.5	3.9
Nevada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Hampshire	0.0	0.6	3.0	3.0	0.0	0.6	0.5	5.9
New Mexico	11.2	16.3	20.9	21.6	13.1	11.7	14.5	28.9
New York	9.6	12.3	13.5	19.2	14.0	11.0	9.4	20.6
North Carolina	1.5	1.5	2.1	1.9	1.2	1.2	2.8	3.8
North Dakota	0.0	0.0	0.0	0.7	0.0	0.0	9.6	9.7
Ohio	3.1	4.2	5.6	5.4	3.1	2.9	4.8	10.0
Oklahoma	0.3	0.3	0.7	1.1	0.3	0.3	2.6	3.4
Oregon	4.8	5.3	5.3	7.6	4.3	4.8	6.2	9.7
Pennsylvania	2.0	4.1	3.6	4.6	1.7	1.3	2.0	7.2
Rhode Island	0.9	3.4	3.5	8.2	4.4	2.3	5.2	11.6
South Carolina	0.6	1.2	1.2	0.0	0.0	0.6	0.6	1.8
Tennessee	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.7
Texas	0.0	0.0	1.2	0.0	0.0	0.3	2.2	3.5
Utah	0.0	0.0	0.0
Vermont	0.7	1.6	8.3	24.2	6.3	0.8	3.9	27.0

TABLE 46. Percentage of Secondary Schools That Provided Specific Sexual Health Services to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	HIV [*] testing	STD [†] testing	Pregnancy testing	Provision of condoms	Provision of condom-compatible lubricants	Provision of contraceptives other than condoms	HPV [‡] vaccine administration	Provided one or more of these services (performance measure)
Virginia	0.7	0.7	0.0	0.7	0.0	1.2	0.9	2.4
Washington	3.7	4.2	4.8	5.5	4.3	3.7	4.8	6.3
West Virginia	2.9	3.8	9.1	5.8	2.9	2.9	10.9	16.8
Nationwide	2.5	3.1	4.1	5.2	3.1	2.2	3.5	7.6
Range	0.0-19.3	0.0-34.6	0.0-33.6	0.0-35.0	0.0-14.7	0.0-31.0	0.0-16.8	0.0-39.0
DISTRICT SURVEYS								
Albuquerque, NM	10.6	12.7	15.2	16.3	12.9	12.7	12.7	18.5
Boston, MA	12.8	17.0	12.6	40.9	13.7	8.4	5.6	40.9
Broward County, FL	5.6	4.2	2.9	8.7	2.7	1.2	1.2	8.8
Chicago, IL	4.9	8.0	5.7	11.7	4.4	4.4	3.5	12.1
Cleveland, OH	6.4	9.4	9.6	26.8	12.2	6.3	9.1	34.7
District of Columbia	25.5	31.9	21.3	38.6	23.9	18.8	16.7	44.2
Duval County, FL	10.9	11.1	10.9	8.7	4.3	6.4	4.3	11.1
Eaton Consortium, MI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fort Worth, TX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gaston County, NC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Genesee Consortium, MI	5.3	10.5	10.5	0.0	0.0	0.0	10.5	16.7
Hillsborough County, FL	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.4
Houston, TX	4.0	4.0	4.0	4.2	4.0	4.1	7.5	8.1
Los Angeles, CA	11.8	13.0	13.8	27.7	14.0	10.9	13.3	33.0
Nashville, TN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New York City, NY	25.5	29.3	32.1	51.6	37.4	28.2	26.2	54.4
Newark, NJ	0.0	2.4	2.4	0.0	0.0	0.0	0.0	2.4
Oakland, CA	43.1	43.1	43.1	57.2	35.1	30.8	36.0	57.2
Orange County, FL	2.3	2.3	2.3	2.3	2.3	0.0	0.0	2.3
Palm Beach County, FL	3.2	3.2	5.3	2.0	0.0	0.0	0.0	5.4
Pasco County, FL	0.0	0.0	26.9	3.6	3.6	0.0	0.0	28.0
Philadelphia, PA	9.2	27.0	8.7	28.4	5.9	2.5	0.8	33.6
Portland, OR	9.9	13.2	13.2	22.9	13.7	13.2	12.8	25.6
San Diego, CA	5.4	7.1	7.1	96.6	97.4	9.5	5.4	100.0
San Francisco, CA	3.9	7.3	11.3	63.8	38.7	7.6	0.0	63.8
Seattle, WA	44.4	59.3	51.9	53.8	40.7	48.1	48.1	61.5
Shelby County, TN	1.7	3.4	0.0	0.0	0.0	0.0	0.0	3.4
Spartanburg Consortium, SC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	5.1	7.2	7.9	8.7	4.2	3.3	2.4	14.4
Range	0.0-44.4	0.0-59.3	0.0-51.9	0.0-96.6	0.0-97.4	0.0-48.1	0.0-48.1	0.0-100.0
TERRITORIAL SURVEY								
Puerto Rico	0.5	0.5	1.0	0.5	0.5	0.5	1.1	1.6

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Human papillomavirus.

§ Survey did not include schools from Chicago Public Schools.

TABLE 47. Percentage of Secondary Schools That Provided Students with Referrals to Any Organizations or Health Care Professionals Not on School Property for Specific Sexual Health Services, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	HIV ^a testing	STD ^b testing	Pregnancy testing	Provision of condoms	Provision of condom-compatible lubricants	Provision of contraceptives other than condoms	HPV ^c vaccine administration	Provided referrals for one or more of these services (performance measure)
STATE SURVEYS								
Alabama	11.4	11.3	12.4	8.3	6.8	7.6	16.5	20.3
Alaska	26.4	27.4	27.6	26.1	23.6	24.4	36.4	40.8
Arizona	15.1	15.4	16.7	12.7	12.6	13.2	23.3	25.5
Arkansas	28.9	30.6	33.4	24.7	22.6	24.7	36.6	41.5
Connecticut	31.9	32.7	34.2	30.1	27.6	29.5	35.1	43.3
Delaware	52.6	52.6	52.6	52.6	46.7	50.3	55.2	61.4
Florida	22.0	23.1	24.4	19.1	14.6	16.1	25.0	33.8
Georgia	22.2	22.6	23.8	16.6	16.8	16.9	28.0	32.2
Hawaii	19.0	19.4	22.2	17.1	14.2	16.8	26.7	32.2
Idaho	22.7	24.2	24.4	17.9	17.0	19.2	26.9	33.5
Illinois ^d	24.8	25.6	29.3	23.5	21.2	22.7	32.0	37.1
Indiana	27.0	26.9	30.2	18.0	16.9	18.4	32.1	39.2
Iowa	34.6	37.9	39.2	29.7	27.5	30.8	40.8	46.7
Kansas	25.2	26.2	26.9	19.6	17.6	21.3	32.9	38.6
Kentucky	36.2	42.1	42.0	35.7	33.2	35.4	46.7	52.8
Louisiana	18.4	19.7	21.0	13.3	10.7	13.0	25.5	28.9
Maine	38.0	39.2	38.9	36.7	36.5	36.5	43.9	45.3
Maryland	26.4	26.9	31.7	25.2	22.5	24.1	34.3	40.3
Massachusetts	42.0	43.8	45.1	40.7	36.9	40.3	47.4	52.3
Michigan	22.3	22.2	23.0	19.4	18.0	18.0	25.9	30.0
Minnesota	37.9	39.5	43.3	36.6	34.0	35.9	44.9	51.3
Mississippi	25.8	29.0	28.6	21.7	21.3	22.4	31.0	34.4
Missouri	30.8	31.8	33.8	24.4	23.5	25.2	44.1	47.2
Montana	28.2	29.6	30.5	24.6	23.4	25.0	35.5	41.0
Nebraska	25.7	26.1	27.9	20.9	20.5	20.6	33.8	37.9
Nevada	26.5	29.0	29.6	25.8	24.2	25.0	35.0	39.2
New Hampshire	31.0	32.8	34.7	29.0	26.9	28.1	38.8	42.4
New Mexico	52.8	54.7	57.1	53.4	51.8	52.1	58.8	64.3
New York	44.0	47.2	48.3	43.0	42.4	43.9	49.2	55.4
North Carolina	27.5	28.7	30.6	24.2	22.6	23.8	33.4	38.4
North Dakota	31.0	32.2	32.7	28.7	28.2	30.8	44.2	46.0
Ohio	34.9	36.2	35.6	30.7	28.9	31.0	42.1	45.9
Oklahoma	27.4	28.3	28.8	24.6	22.3	24.5	34.7	38.1
Oregon	40.5	41.9	43.2	40.1	39.3	40.7	46.7	50.7
Pennsylvania	26.1	27.8	29.7	23.4	23.2	24.3	32.8	38.9
Rhode Island	47.5	49.2	49.9	40.5	37.2	41.4	53.9	59.2
South Carolina	12.7	12.9	14.4	8.0	8.6	9.2	20.8	24.9
Tennessee	22.2	23.7	24.8	20.7	19.8	20.7	30.4	33.8
Texas	19.6	21.2	24.4	13.7	13.7	15.2	28.5	33.9
Utah	12.3	13.1	14.9	10.2	10.2	10.2	21.3	24.9
Vermont	43.5	47.0	47.6	42.8	39.2	46.6	50.5	56.0

TABLE 47. Percentage of Secondary Schools That Provided Students with Referrals to Any Organizations or Health Care Professionals Not on School Property for Specific Sexual Health Services, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	HIV* testing	STD† testing	Pregnancy testing	Provision of condoms	Provision of condom- compatible lubricants	Provision of contraceptives other than condoms	HPV‡ vaccine administration	Provided referrals for one or more of these services (performance measure)
Virginia	20.4	21.6	21.9	16.6	15.5	17.0	28.9	32.1
Washington	34.6	36.1	36.6	33.2	31.7	33.5	38.5	43.7
West Virginia	32.4	33.5	36.2	35.2	31.0	34.2	43.9	46.6
Nationwide	29.0	30.6	32.4	26.1	24.1	26.0	35.1	40.8
Range	11.4-52.8	11.3-54.7	12.4-57.1	8.0-53.4	6.8-51.8	7.6-52.1	16.5-58.8	20.3-64.3
DISTRICT SURVEYS								
Albuquerque, NM	39.4	39.4	42.9	44.0	44.0	44.0	46.6	50.9
Boston, MA	47.9	51.6	51.6	45.6	44.3	49.4	56.4	58.0
Broward County, FL	27.3	25.8	27.5	24.7	22.8	26.0	28.3	34.3
Chicago, IL	23.1	25.1	26.0	23.0	20.9	22.7	27.3	32.9
Cleveland, OH	33.3	38.1	39.0	41.3	35.4	36.6	41.1	52.8
District of Columbia	44.5	45.6	43.2	43.3	39.8	44.7	50.4	57.1
Duval County, FL	43.9	46.2	47.4	46.2	41.0	37.5	44.7	54.5
Eaton Consortium, MI	11.8	11.8	11.8	10.5	10.5	10.5	28.6	28.6
Fort Worth, TX	31.7	32.9	37.6	22.6	22.6	26.2	33.6	45.4
Gaston County, NC	5.3	5.3	11.8	11.1	5.6	11.1	19.0	25.0
Genesee Consortium, MI	43.8	43.8	43.8	18.8	17.6	23.5	52.6	61.1
Hillsborough County, FL	20.6	19.1	23.8	16.3	16.3	16.3	25.0	32.0
Houston, TX	72.4	72.6	72.4	71.4	72.4	70.0	73.4	75.9
Los Angeles, CA	51.5	51.4	54.1	49.9	44.8	48.8	52.8	61.0
Nashville, TN	13.5	13.5	13.5	9.6	9.6	9.6	18.2	21.8
New York City, NY	58.6	58.6	59.2	54.3	53.4	55.3	59.7	65.4
Newark, NJ	42.0	44.6	47.4	32.6	30.0	38.5	44.6	54.7
Oakland, CA	72.7	76.0	76.0	80.0	67.9	70.3	76.0	80.6
Orange County, FL	14.6	14.6	14.9	11.6	9.4	11.6	21.8	24.5
Palm Beach County, FL	98.0	98.0	96.0	80.8	10.3	10.3	16.2	98.0
Pasco County, FL	50.0	53.6	57.1	48.1	53.6	50.0	50.0	60.7
Philadelphia, PA	40.1	49.8	47.8	43.1	37.5	41.8	43.0	58.1
Portland, OR	48.7	50.7	50.7	45.2	48.7	50.7	58.1	60.2
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
San Francisco, CA	77.4	80.2	77.4	77.4	77.4	76.5	72.0	80.2
Seattle, WA	69.2	65.4	65.4	61.5	65.4	69.2	74.1	74.1
Shelby County, TN	24.0	21.8	18.5	14.8	14.5	14.5	22.2	30.1
Spartanburg Consortium, SC	13.6	7.3	9.3	7.3	7.3	7.3	25.4	39.2
Median	42.9	45.1	45.6	43.2	36.4	38.0	44.7	55.9
Range	5.3-100.0	5.3-100.0	9.3-100.0	7.3-100.0	5.6-100.0	7.3-100.0	16.2-100.0	21.8-100.0
TERRITORIAL SURVEY								
Puerto Rico	97.8	97.8	97.8	98.3	97.8	97.8	98.3	98.3

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Human papillomavirus.

§ Survey did not include schools from Chicago Public Schools.

TABLE 48. Percentage of Secondary Schools That Provided Specific Health Services to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	HIV ^a treatment	STD ^a treatment	Prenatal care	Assessment for alcohol or other drug use, abuse, or dependency	Daily medication administration for students with chronic health conditions	Stock rescue or "as needed" medication for any student experiencing a health emergency ^b	Case management for students with chronic health conditions ^c (performance measure)
STATE SURVEYS							
Alabama	0.0	0.0	0.0	6.5	86.8	75.8	83.4
Alaska	1.7	1.1	1.7	17.4	59.0	49.2	40.0
Arizona	1.0	0.0	0.0	14.9	79.5	62.8	62.4
Arkansas	2.0	2.5	4.3	32.3	90.3	78.5	76.5
Connecticut	4.1	7.2	3.8	29.4	93.1	87.1	89.0
Delaware	23.8	32.9	16.1	54.5	89.4	89.4	82.9
Florida	1.0	1.0	1.3	13.6	86.0	59.9	67.2
Georgia	1.2	1.2	3.4	9.6	87.5	76.1	76.8
Hawaii	1.0	0.0	1.0	34.2	78.9	57.4	66.1
Idaho	0.0	0.0	3.0	25.1	78.7	69.8	68.7
Illinois ^d	1.3	1.0	1.4	17.4	91.1	80.2	90.1
Indiana	1.1	1.1	1.6	27.8	88.0	76.2	74.8
Iowa	1.4	1.6	0.8	9.7	88.3	71.1	74.1
Kansas	0.5	0.5	0.5	16.3	86.8	70.4	68.9
Kentucky	2.1	4.2	4.2	30.8	90.7	81.3	78.5
Louisiana	2.9	5.2	1.1	14.4	78.9	56.4	67.6
Maine	0.5	1.4	0.5	34.9	92.5	85.2	74.9
Maryland	1.8	3.0	2.5	34.4	92.5	86.2	88.3
Massachusetts	4.7	4.7	4.8	66.0	94.3	91.3	86.4
Michigan	1.7	2.0	1.3	14.5	81.1	71.2	59.4
Minnesota	1.2	2.4	3.2	17.2	86.7	74.0	79.0
Mississippi	1.6	2.8	2.1	13.7	79.9	69.2	68.2
Missouri	1.1	0.7	0.8	29.3	91.7	85.6	79.2
Montana	0.8	0.8	0.8	18.4	75.3	67.9	57.1
Nebraska	2.6	2.2	3.0	14.3	85.4	83.5	81.0
Nevada	0.0	0.0	0.0	25.9	84.7	78.0	73.6
New Hampshire	1.2	0.6	0.6	40.0	93.9	91.1	87.1
New Mexico	10.1	14.0	13.5	40.1	82.3	69.9	73.6
New York	8.5	10.4	7.9	37.5	88.5	79.7	72.2
North Carolina	1.5	1.5	1.5	10.4	83.6	73.3	78.2
North Dakota	0.0	0.0	0.0	10.0	84.9	65.7	64.8
Ohio	3.7	3.2	3.0	20.5	88.8	73.4	69.6
Oklahoma	0.3	0.3	1.2	19.7	77.7	59.6	66.6
Oregon	3.6	5.3	3.3	24.6	84.8	75.7	81.8
Pennsylvania	0.9	1.9	3.4	50.2	85.1	81.2	73.9
Rhode Island	1.8	3.4	4.4	42.0	89.6	86.5	84.2
South Carolina	1.3	0.6	0.0	6.1	83.4	76.5	72.6
Tennessee	0.7	0.4	0.7	12.7	91.8	80.7	82.6
Texas	0.0	0.0	1.9	26.2	88.7	72.2	79.3
Utah	0.0	0.0	0.0	15.7	79.9	80.3	80.8
Vermont	0.7	1.7	3.2	49.0	95.7	91.4	89.4

TABLE 48. Percentage of Secondary Schools That Provided Specific Health Services to Students, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	HIV* treatment	STD† treatment	Prenatal care	Assessment for alcohol or other drug use, abuse, or dependency	Daily medication administration for students with chronic health conditions	Stock rescue or "as needed" medication for any student experiencing a health emergency‡	Case management for students with chronic health conditions§ (performance measure)
Virginia	1.1	0.7	1.6	18.1	94.3	84.5	82.8
Washington	2.3	4.2	3.1	32.8	90.6	64.0	85.2
West Virginia	3.9	2.7	6.7	30.0	93.1	80.3	90.4
Nationwide	2.2	2.9	2.7	23.2	86.1	75.0	74.5
Range	0.0-23.8	0.0-32.9	0.0-16.1	6.1-66.0	59.0-95.7	49.2-91.4	40.0-90.4
DISTRICT SURVEYS							
Albuquerque, NM	10.6	12.7	14.8	38.8	87.9	74.8	77.7
Boston, MA	8.4	12.6	9.8	57.9	94.4	90.3	88.8
Broward County, FL	1.2	1.2	1.2	8.3	79.3	40.6	62.5
Chicago, IL	3.5	4.4	4.0	9.1	80.6	70.6	88.7
Cleveland, OH	10.1	9.4	8.3	18.2	86.9	53.1	66.7
District of Columbia	18.8	21.7	14.6	37.9	85.3	76.9	80.8
Duval County, FL	8.7	6.4	6.4	17.0	83.0	48.9	59.6
Eaton Consortium, MI	9.5	0.0	0.0	19.0	100.0	90.5	66.7
Fort Worth, TX	0.0	0.0	5.7	6.2	81.3	59.7	63.4
Gaston County, NC	0.0	0.0	0.0	0.0	90.5	81.0	71.4
Genesee Consortium, MI	0.0	5.3	11.1	10.5	84.2	63.2	78.9
Hillsborough County, FL	0.0	0.0	1.6	12.1	83.3	58.9	67.2
Houston, TX	5.5	4.0	4.1	20.1	85.7	76.2	81.0
Los Angeles, CA	8.8	11.8	8.8	32.5	87.5	73.5	80.2
Nashville, TN	0.0	0.0	0.0	4.1	70.9	61.7	55.8
New York City, NY	21.9	25.0	22.1	43.1	83.9	77.6	75.6
Newark, NJ	0.0	2.4	2.5	24.3	83.5	69.7	83.5
Oakland, CA	23.6	35.4	19.7	53.4	72.7	67.9	64.3
Orange County, FL	4.7	2.4	0.0	18.3	88.2	63.7	54.5
Palm Beach County, FL	3.2	3.2	3.2	30.1	94.2	72.5	77.0
Pasco County, FL	0.0	0.0	3.6	14.3	89.3	71.4	70.4
Philadelphia, PA	1.7	14.1	6.0	22.3	84.0	62.7	77.5
Portland, OR	9.6	13.2	6.6	22.4	88.7	80.5	75.9
San Diego, CA	5.4	5.3	1.9	30.4	96.1	84.3	92.6
San Francisco, CA	3.9	3.9	7.9	56.6	84.8	69.4	84.8
Seattle, WA	40.0	55.6	38.5	70.4	100.0	88.9	92.6
Shelby County, TN	0.0	3.4	0.0	11.9	62.9	34.8	55.8
Spartanburg Consortium, SC	0.0	0.0	5.6	11.1	100.0	100.0	100.0
Median	4.3	4.2	5.6	19.6	85.5	71.0	76.4
Range	0.0-40.0	0.0-55.6	0.0-38.5	0.0-70.4	62.9-100.0	34.8-100.0	54.5-100.0
TERRITORIAL SURVEY							
Puerto Rico	0.5	0.5	1.0	2.0	19.6	88.1	33.9

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Such as an asthma episode or severe allergic reaction.

§ Such as asthma or diabetes.

¶ Survey did not include schools from Chicago Public Schools.

TABLE 49. Percentage of Secondary Schools That Provided Students with Referrals to Any Organizations or Health Care Professionals Not on School Property for Specific Health Services, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Sites	HIV treatment ^a	nPEP ^b	PrEP ^c	STD ^d treatment	Prenatal care	Alcohol or other drug abuse treatment
STATE SURVEYS						
Alabama	20.5	18.2	16.3	10.7	10.9	33.1
Alaska	34.7	33.0	32.4	25.2	27.6	51.4
Arizona	23.5	20.9	20.9	15.4	15.7	37.0
Arkansas	35.9	34.3	34.3	30.1	34.4	50.9
Connecticut	35.1	30.9	30.1	33.3	30.6	54.2
Delaware	52.2	49.2	49.2	52.6	47.8	68.2
Florida	27.8	24.7	24.7	21.1	20.6	55.2
Georgia	28.7	27.5	27.5	22.4	24.0	39.2
Hawaii	24.4	21.5	22.6	19.1	19.5	62.7
Idaho	29.1	27.3	27.7	23.4	23.0	48.2
Illinois ^e	30.7	27.9	28.9	26.2	27.8	51.8
Indiana	31.6	26.4	27.1	26.2	28.9	55.6
Iowa	39.0	36.2	35.7	34.7	36.2	58.6
Kansas	29.9	28.0	27.4	23.9	24.1	57.7
Kentucky	41.1	38.9	37.6	40.7	40.9	62.8
Louisiana	24.9	21.4	21.4	19.7	20.6	40.5
Maine	43.4	43.5	42.5	39.2	36.9	62.1
Maryland	33.9	29.9	30.5	26.5	27.7	66.6
Massachusetts	45.5	40.5	39.6	43.4	43.7	70.4
Michigan	26.6	24.9	24.9	21.8	22.7	54.0
Minnesota	43.8	41.8	41.5	37.9	41.5	64.2
Mississippi	31.9	29.5	29.0	28.0	27.8	40.2
Missouri	39.0	35.6	35.5	31.6	33.5	56.5
Montana	34.0	32.0	32.0	28.7	27.0	54.0
Nebraska	34.0	33.6	32.7	26.0	26.3	56.8
Nevada	32.4	30.3	29.5	27.9	27.7	66.6
New Hampshire	36.1	35.4	35.4	31.2	32.5	57.0
New Mexico	58.6	57.1	56.6	54.4	54.7	72.9
New York	47.7	46.2	46.1	46.5	45.4	67.0
North Carolina	31.8	30.3	30.0	27.6	31.5	56.8
North Dakota	39.4	36.0	36.6	33.1	34.4	56.9
Ohio	40.4	37.7	37.7	35.4	36.5	63.5
Oklahoma	33.1	31.0	31.1	27.0	27.3	52.0
Oregon	45.4	41.1	42.7	41.3	42.3	69.1
Pennsylvania	29.7	26.7	26.5	27.4	31.4	71.3
Rhode Island	50.5	46.1	45.2	44.7	47.3	69.0
South Carolina	17.2	15.6	16.3	11.3	15.4	48.4
Tennessee	30.3	29.7	29.3	23.2	24.5	45.4
Texas	25.8	23.7	23.2	20.9	25.5	50.0
Utah	19.3	18.0	17.8	13.1	15.8	53.7
Vermont	48.9	44.5	43.5	46.5	44.0	71.1
Virginia	25.3	23.0	23.0	19.8	20.7	47.0

TABLE 49. Percentage of Secondary Schools That Provided Students with Referrals to Any Organizations or Health Care Professionals Not on School Property for Specific Health Services, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Sites	HIV treatment*	nPEP†	PrEP‡	STD§ treatment	Prenatal care	Alcohol or other drug abuse treatment
Washington	36.1	34.7	36.5	33.8	34.7	76.7
West Virginia	40.3	38.4	38.4	32.5	35.3	57.1
Nationwide	34.2	31.7	31.8	30.1	30.4	56.6
Range	17.2-58.6	15.6-57.1	16.3-56.6	10.7-54.4	10.9-54.7	33.1-76.7
DISTRICT SURVEYS						
Albuquerque, NM	44.0	44.0	44.0	39.4	44.0	69.2
Boston, MA	52.2	43.7	43.0	51.6	53.3	67.8
Broward County, FL	30.0	25.7	25.7	24.1	30.1	56.1
Chicago, IL	26.6	25.3	25.2	24.4	23.8	42.4
Cleveland, OH	40.2	37.1	37.1	36.5	37.3	48.5
District of Columbia	51.6	46.1	42.0	43.5	38.9	50.4
Duval County, FL	48.9	42.6	43.5	46.2	41.0	70.2
Eaton Consortium, MI	28.6	28.6	28.6	11.8	11.8	90.5
Fort Worth, TX	38.3	39.0	35.8	30.5	34.7	50.6
Gaston County, NC	14.3	15.0	14.3	5.3	11.8	66.7
Genesee Consortium, MI	47.4	42.1	42.1	37.5	40.0	47.4
Hillsborough County, FL	28.3	20.4	20.4	23.2	19.5	52.4
Houston, TX	73.6	69.1	66.0	72.6	72.3	70.1
Los Angeles, CA	54.8	46.9	48.9	53.0	48.4	71.6
Nashville, TN	21.8	21.8	21.8	13.5	13.5	31.7
New York City, NY	59.5	58.2	58.1	58.9	57.6	66.2
Newark, NJ	41.1	39.6	39.6	47.8	46.7	72.3
Oakland, CA	69.7	65.1	65.1	72.0	72.0	80.7
Orange County, FL	15.6	15.6	15.6	11.6	11.6	40.1
Palm Beach County, FL	74.3	50.5	50.5	67.2	32.8	67.4
Pasco County, FL	50.0	42.9	39.3	53.6	50.0	64.3
Philadelphia, PA	40.5	33.2	33.0	49.3	47.1	58.0
Portland, OR	54.7	51.5	54.7	50.7	48.7	66.3
San Diego, CA	100.0	100.0	100.0	100.0	100.0	100.0
San Francisco, CA	70.1	66.0	70.1	76.0	74.6	84.0
Seattle, WA	69.2	69.2	70.4	65.4	69.2	88.9
Shelby County, TN	27.4	22.4	22.4	21.8	18.2	43.5
Spartanburg Consortium, SC	23.9	23.9	17.9	6.8	8.5	39.7
Median	45.7	42.3	40.8	44.8	40.5	66.2
Range	14.3-100.0	15.0-100.0	14.3-100.0	5.3-100.0	8.5-100.0	31.7-100.0
TERRITORIAL SURVEY						
Puerto Rico	97.8	97.8	97.8	97.8	97.8	98.3

* Ongoing medical care for persons living with human immunodeficiency virus.

† Non-occupational post-exposure prophylaxis for HIV.

‡ Pre-exposure prophylaxis for HIV.

§ Sexually transmitted disease.

¶ Survey did not include schools from Chicago Public Schools.

TABLE 50a. Percentage of Secondary Schools with Specific Parental Consent and Notification Practices for Sexual or Reproductive Health Services* Provided by the School, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Does not provide any sexual or reproductive health services	Requires parental consent before any services are provided	Does not require parental consent			
			Notifies parents about services provided upon request	Notifies parents depending on the service provided	Notifies parents about all services provided	Does not notify parents about any services provided
STATE SURVEYS						
Alabama	92.8	6.2	0.0	1.1	0.0	0.0
Alaska	82.5	13.1	0.0	1.3	2.0	1.2
Arizona	85.5	12.5	0.6	0.5	0.5	0.5
Arkansas	84.6	8.9	1.6	3.3	0.6	1.0
Connecticut	79.5	8.5	2.9	3.4	3.7	1.9
Delaware	57.0	30.4	2.1	2.1	3.1	5.2
Florida	84.4	11.1	0.0	1.6	2.0	0.9
Georgia	87.3	9.8	0.6	2.2	0.0	0.0
Hawaii	79.3	12.6	0.0	4.8	1.2	2.2
Idaho	88.4	7.0	1.2	1.2	1.2	1.2
Illinois†	81.2	9.0	2.5	2.6	2.9	1.9
Indiana	81.1	10.8	1.5	1.7	4.4	0.4
Iowa	80.7	8.7	1.3	3.0	4.6	1.6
Kansas	90.4	6.0	0.6	1.6	1.3	0.0
Kentucky	72.9	17.5	0.9	2.5	0.8	5.3
Louisiana	80.0	17.8	1.0	0.5	0.5	0.0
Maine	78.1	7.6	2.7	6.1	1.7	3.8
Maryland	82.0	10.1	4.1	2.4	1.0	0.4
Massachusetts	73.4	10.1	4.7	5.6	2.9	3.3
Michigan	76.3	16.1	0.8	2.2	4.6	0.0
Minnesota	88.5	3.2	1.2	3.3	2.4	1.2
Mississippi	83.3	13.7	0.0	1.7	1.4	0.0
Missouri	88.0	8.5	0.7	1.2	1.2	0.4
Montana	87.6	7.4	0.0	3.8	0.8	0.4
Nebraska	82.0	12.6	1.3	0.9	1.6	1.6
Nevada	86.9	10.9	0.0	1.5	0.7	0.0
New Hampshire	87.3	7.8	0.6	2.5	1.2	0.6
New Mexico	65.7	13.8	5.0	4.1	2.1	9.4
New York	70.8	12.0	6.2	2.5	4.2	4.3
North Carolina	73.6	22.0	0.7	1.2	1.3	1.3
North Dakota	89.5	6.0	0.7	1.5	0.8	1.6
Ohio	81.4	11.1	1.6	2.1	2.4	1.2
Oklahoma	75.6	20.5	0.0	2.3	1.6	0.0
Oregon	84.1	4.4	1.7	2.2	2.6	5.0
Pennsylvania	84.3	5.7	1.0	4.0	2.9	2.1
Rhode Island	70.5	14.9	1.0	8.8	3.3	1.5
South Carolina	86.4	11.7	0.6	1.2	0.0	0.0
Tennessee	84.5	13.3	0.4	0.7	1.1	0.0
Texas	83.1	12.5	0.6	2.4	1.1	0.3
Utah	89.2	10.8	0.0	0.0	0.0	0.0

TABLE 50a. Percentage of Secondary Schools with Specific Parental Consent and Notification Practices for Sexual or Reproductive Health Services* Provided by the School, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Does not provide any sexual or reproductive health services	Requires parental consent before any services are provided	Does not require parental consent			
			Notifies parents about services provided upon request	Notifies parents depending on the service provided	Notifies parents about all services provided	Does not notify parents about any services provided
Vermont	73.5	3.2	5.6	10.1	3.3	4.3
Virginia	86.6	8.5	2.1	1.2	1.3	0.4
Washington	87.2	2.6	0.0	1.7	3.9	4.7
West Virginia	72.7	15.9	1.2	4.6	2.9	2.7
Nationwide	81.2	10.3	1.7	2.4	1.9	2.5
Range	57.0-92.8	2.6-30.4	0.0-6.2	0.0-10.1	0.0-4.6	0.0-9.4
DISTRICT SURVEYS						
Albuquerque, NM	74.5	5.7	3.1	5.5	5.2	6.0
Boston, MA	49.2	7.3	21.6	9.0	5.4	7.3
Broward County, FL	76.6	20.4	1.5	0.0	0.0	1.5
Chicago, IL	68.7	16.4	2.4	3.7	5.9	2.9
Cleveland, OH	54.3	31.4	8.6	4.3	1.4	0.0
District of Columbia	44.7	24.1	7.3	9.5	7.1	7.1
Duval County, FL	68.9	17.8	2.2	4.4	6.7	0.0
Eaton Consortium, MI	89.5	0.0	0.0	0.0	10.5	0.0
Fort Worth, TX	60.0	32.6	2.5	4.9	0.0	0.0
Gaston County, NC	90.5	4.8	0.0	0.0	4.8	0.0
Genesee Consortium, MI	68.8	12.5	6.3	6.3	6.3	0.0
Hillsborough County, FL	81.7	7.5	1.8	3.8	0.0	5.3
Houston, TX	76.4	20.9	1.3	1.3	0.0	0.0
Los Angeles, CA	53.8	10.0	12.4	3.9	3.9	16.2
Nashville, TN	86.1	8.5	0.0	5.4	0.0	0.0
New York City, NY	40.6	20.7	9.0	7.8	6.8	15.0
Newark, NJ	70.9	16.7	2.5	7.5	0.0	2.5
Oakland, CA	25.0	22.3	11.7	8.9	4.4	27.7
Orange County, FL	93.6	4.0	0.0	0.0	0.0	2.4
Palm Beach County, FL	72.8	17.7	3.2	0.0	6.4	0.0
Pasco County, FL	57.7	34.6	0.0	3.8	3.8	0.0
Philadelphia, PA	54.3	6.4	8.2	15.6	12.6	2.9
Portland, OR	72.5	0.0	3.7	3.7	5.4	14.8
San Diego, CA	0.0	0.0	2.7	0.0	56.7	40.6
San Francisco, CA	23.3	6.3	5.7	16.2	0.0	48.4
Seattle, WA	40.0	4.0	4.0	12.0	0.0	40.0
Shelby County, TN	69.8	23.4	3.4	0.0	3.4	0.0
Spartanburg Consortium, SC	88.9	5.6	0.0	5.6	0.0	0.0
Median	68.8	11.2	2.9	4.4	4.1	2.4
Range	0.0-93.6	0.0-34.6	0.0-21.6	0.0-16.2	0.0-56.7	0.0-48.4
TERRITORIAL SURVEY						
Puerto Rico	5.7	92.7	0.5	0.0	0.5	0.6

* Such as sexually transmitted disease testing or pregnancy testing.

† Survey did not include schools from Chicago Public Schools.

TABLE 50b. Percentage of Secondary Schools with Specific Parental Consent and Notification Practices for Sexual or Reproductive Health Services* Referred by the School, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Does not refer any sexual or reproductive health services	Requires parental consent before any services are referred	Does not require parental consent			
			Notifies parents about services referred upon request	Notifies parents depending on the service referred	Notifies parents about all services referred	Does not notify parents about any services referred
STATE SURVEYS						
Alabama	81.3	7.4	1.2	8.8	1.3	0.0
Alaska	66.9	18.9	1.5	7.5	2.3	2.9
Arizona	75.3	17.8	0.7	3.4	1.1	1.7
Arkansas	63.1	23.8	4.1	6.0	0.0	3.1
Connecticut	59.3	17.0	4.0	8.7	4.9	5.9
Delaware	39.8	40.2	5.9	8.2	0.0	5.9
Florida	69.1	20.7	2.7	4.9	1.2	1.5
Georgia	72.1	22.5	2.4	3.0	0.0	0.0
Hawaii	65.7	14.5	2.7	9.4	1.3	6.4
Idaho	68.9	15.7	4.2	6.2	1.3	3.7
Illinois [†]	67.4	15.0	4.0	5.0	3.2	5.4
Indiana	61.9	26.3	1.4	4.3	3.8	2.2
Iowa	55.2	23.2	2.0	11.8	1.8	6.0
Kansas	66.3	21.4	2.0	8.3	1.2	0.7
Kentucky	48.2	33.5	3.9	5.9	1.9	6.7
Louisiana	66.1	27.3	0.7	4.5	0.6	0.8
Maine	54.5	18.1	5.5	14.0	1.2	6.7
Maryland	62.2	16.0	7.7	8.3	0.5	5.3
Massachusetts	47.5	18.9	8.1	14.8	1.9	8.8
Michigan	68.1	19.7	4.4	5.8	2.0	0.0
Minnesota	51.6	15.3	8.1	14.3	2.4	8.3
Mississippi	66.9	22.7	2.0	3.9	2.6	1.8
Missouri	59.0	26.1	1.3	6.8	3.6	3.2
Montana	65.2	16.1	3.3	8.6	2.4	4.4
Nebraska	64.0	25.0	0.5	4.9	4.0	1.5
Nevada	61.1	25.3	3.0	7.0	1.7	1.9
New Hampshire	58.4	21.3	4.7	14.2	0.0	1.4
New Mexico	38.7	19.0	11.1	14.4	1.6	15.1
New York	49.2	18.1	9.4	8.3	1.9	13.1
North Carolina	57.2	30.5	3.0	4.4	2.1	2.7
North Dakota	63.4	16.2	6.2	9.9	2.5	1.7
Ohio	56.2	21.0	5.3	10.6	3.5	3.3
Oklahoma	59.5	32.8	2.6	2.5	1.6	0.9
Oregon	55.0	14.4	7.6	11.9	2.5	8.5
Pennsylvania	63.5	16.8	5.4	6.2	3.4	4.6
Rhode Island	44.3	25.6	4.2	17.6	3.1	5.2
South Carolina	75.9	21.4	0.7	0.7	0.7	0.7
Tennessee	71.2	21.2	1.6	3.8	0.4	1.7
Texas	66.8	26.9	2.4	2.3	1.5	0.0
Utah	80.5	17.8	0.8	0.8	0.0	0.0

TABLE 50b. Percentage of Secondary Schools with Specific Parental Consent and Notification Practices for Sexual or Reproductive Health Services* Referred by the School, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Does not refer any sexual or reproductive health services	Requires parental consent before any services are referred	Does not require parental consent			
			Notifies parents about services referred upon request	Notifies parents depending on the service referred	Notifies parents about all services referred	Does not notify parents about any services referred
Vermont	45.2	15.4	6.9	18.9	2.8	10.8
Virginia	71.8	13.8	3.9	6.2	2.0	2.3
Washington	62.3	6.4	4.4	4.8	0.8	21.2
West Virginia	56.4	30.5	2.5	5.8	1.4	3.4
Nationwide	59.6	18.9	4.3	6.6	1.9	8.8
Range	38.7-81.3	6.4-40.2	0.5-11.1	0.7-18.9	0.0-4.9	0.0-21.2
DISTRICT SURVEYS						
Albuquerque, NM	52.0	12.9	9.7	13.4	2.7	9.4
Boston, MA	37.6	12.3	18.9	15.4	5.2	10.5
Broward County, FL	64.7	18.3	6.7	5.0	0.0	5.3
Chicago, IL	59.9	18.2	2.5	9.4	1.8	8.2
Cleveland, OH	46.8	27.8	10.1	10.1	1.3	3.8
District of Columbia	38.1	27.3	5.1	7.3	4.9	17.3
Duval County, FL	51.4	25.7	5.7	8.6	0.0	8.6
Eaton Consortium, MI	58.8	17.6	0.0	11.8	11.8	0.0
Fort Worth, TX	38.7	49.8	8.6	2.9	0.0	0.0
Gaston County, NC	88.2	5.9	0.0	0.0	0.0	5.9
Genesee Consortium, MI	35.7	14.3	21.4	21.4	0.0	7.1
Hillsborough County, FL	68.5	8.7	4.1	10.5	0.0	8.2
Houston, TX	21.7	63.6	1.4	7.3	3.0	3.0
Los Angeles, CA	31.4	11.0	12.5	5.7	1.2	38.2
Nashville, TN	74.5	19.3	6.2	0.0	0.0	0.0
New York City, NY	32.1	22.3	9.8	11.4	1.9	22.5
Newark, NJ	40.3	31.6	10.7	11.8	0.0	5.6
Oakland, CA	12.4	9.0	19.4	11.7	0.0	47.4
Orange County, FL	82.8	7.3	2.3	4.8	0.0	2.7
Palm Beach County, FL	2.0	85.3	3.2	3.2	3.2	3.2
Pasco County, FL	28.6	35.7	3.6	17.9	3.6	10.7
Philadelphia, PA	43.7	13.1	11.3	17.9	2.8	11.2
Portland, OR	35.7	15.7	0.0	19.3	5.7	23.6
San Diego, CA	0.0	0.0	1.7	1.8	0.0	96.4
San Francisco, CA	13.4	6.6	3.4	25.4	3.7	47.4
Seattle, WA	20.8	8.3	4.2	16.7	0.0	50.0
Shelby County, TN	66.4	29.8	0.0	1.9	1.9	0.0
Spartanburg Consortium, SC	90.9	9.1	0.0	0.0	0.0	0.0
Median	39.5	16.7	4.6	9.8	1.2	8.2
Range	0.0-90.9	0.0-85.3	0.0-21.4	0.0-25.4	0.0-11.8	0.0-96.4
TERRITORIAL SURVEY						
Puerto Rico	0.6	98.9	0.0	0.0	0.6	0.0

* Such as sexually transmitted disease testing or pregnancy testing.

† Survey did not include schools from Chicago Public Schools.

TABLE 51. Percentage of Secondary Schools in Which Staff Received Professional Development for Student Health Services During the Past Two Years, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Sites	Basic sexual health overview including community-specific information*	Sexual health services that adolescents should receive	Laws and policies related to adolescent sexual health services	Importance of maintaining student confidentiality for sexual health services	How to create or use a student referral guide for sexual health services	How to make successful referrals of students to sexual health services	Best practices for adolescent sexual health services provision	Ensuring sexual health services are inclusive of lesbian, gay, bisexual, and transgender students	All 8 topics (performance measure)
STATE SURVEYS									
Alabama	24.3	23.5	32.3	39.6	15.9	16.8	17.7	18.7	11.1
Alaska	31.0	28.1	37.5	50.3	19.2	21.6	26.3	29.1	16.5
Arizona	14.6	10.1	17.4	28.1	6.0	7.6	8.1	12.3	4.1
Arkansas	31.2	28.1	32.8	48.0	19.5	21.5	19.7	23.0	15.3
Connecticut	41.1	35.0	42.4	51.2	22.2	25.2	27.3	38.3	17.6
Delaware	57.1	57.1	52.3	63.1	33.1	42.5	36.6	49.5	29.1
Florida	41.7	36.6	37.8	49.1	26.0	29.2	30.6	39.1	22.3
Georgia	34.8	29.2	31.9	38.9	21.4	21.3	20.7	22.8	17.2
Hawaii	42.7	40.1	37.5	43.1	17.3	22.1	24.2	30.6	15.3
Idaho	29.2	22.8	30.7	38.9	14.0	17.0	17.1	22.7	9.3
Illinois†	51.1	39.1	48.5	55.5	22.8	25.8	29.7	37.8	18.0
Indiana	35.1	32.2	39.8	43.4	19.2	22.4	23.4	30.0	15.3
Iowa	25.6	20.4	21.3	33.9	14.1	15.8	17.4	22.7	9.9
Kansas	31.4	23.6	26.1	39.1	12.8	17.2	18.1	18.9	10.8
Kentucky	29.0	27.5	28.9	42.5	19.8	23.6	21.5	24.1	16.4
Louisiana	23.9	22.2	30.9	38.4	14.9	18.5	17.6	21.9	10.1
Maine	41.9	37.7	41.2	51.4	27.9	33.6	32.8	41.1	24.8
Maryland	48.9	43.0	46.3	56.7	28.4	31.7	36.4	38.6	23.7
Massachusetts	47.5	47.8	52.3	61.7	37.4	37.9	43.4	54.8	29.3
Michigan	51.7	41.7	48.8	49.4	22.0	23.6	30.4	32.8	18.5
Minnesota	36.9	34.9	36.8	46.4	25.4	29.0	29.7	37.0	20.3
Mississippi	26.8	24.9	28.2	41.9	21.1	23.4	18.9	20.0	15.6
Missouri	28.5	24.9	30.4	48.3	14.4	17.5	18.4	26.5	9.9
Montana	35.9	28.7	29.2	40.1	17.6	21.8	18.3	22.9	12.7
Nebraska	28.4	27.3	39.3	46.3	21.1	22.9	22.0	22.6	14.5
Nevada	36.8	29.5	31.5	40.5	22.9	23.8	25.4	28.6	18.7
New Hampshire	50.2	48.6	48.5	61.5	26.4	34.8	39.8	48.2	23.3
New Mexico	40.2	40.0	43.0	58.9	30.6	38.4	35.3	42.5	21.7
New York	56.5	52.1	52.3	55.7	37.0	42.9	43.4	52.9	31.2
North Carolina	38.1	30.9	35.4	42.1	21.8	24.2	26.1	29.8	18.2
North Dakota	21.9	20.3	19.4	30.2	14.1	17.0	17.1	18.4	10.7
Ohio	30.3	27.2	33.6	41.7	20.2	21.6	22.8	27.3	16.1
Oklahoma	41.4	28.7	37.5	50.6	23.0	27.7	23.7	25.5	17.9
Oregon	43.3	32.7	46.6	52.9	25.2	30.8	30.1	37.4	18.6
Pennsylvania	28.0	26.3	28.6	38.9	15.6	17.1	19.3	25.8	12.3
Rhode Island	49.9	48.8	54.1	56.2	38.4	44.5	46.1	51.2	35.6
South Carolina	47.9	38.4	41.3	49.2	23.5	26.5	26.6	30.4	21.5
Tennessee	33.9	27.6	33.2	43.6	23.0	27.9	24.4	27.5	17.2
Texas	39.6	36.6	40.6	51.8	21.2	23.0	24.5	23.9	16.0
Utah	51.1	40.1	50.2	47.8	16.7	17.6	20.2	28.2	11.7

TABLE 51. Percentage of Secondary Schools in Which Staff Received Professional Development for Student Health Services During the Past Two Years, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Sites	Basic sexual health overview including community-specific information*	Sexual health services that adolescents should receive	Laws and policies related to adolescent sexual health services	Importance of maintaining student confidentiality for sexual health services	How to create or use a student referral guide for sexual health services	How to make successful referrals of students to sexual health services	Best practices for adolescent sexual health services provision	Ensuring sexual health services are inclusive of lesbian, gay, bisexual, and transgender students	All 8 topics (performance measure)
Vermont	52.9	50.2	47.4	58.1	28.5	35.2	39.4	48.5	25.1
Virginia	30.1	25.9	25.8	39.2	13.8	18.0	17.5	23.4	11.4
Washington	54.7	38.0	42.7	48.3	20.1	26.0	27.3	34.5	16.4
West Virginia	34.8	32.6	40.2	46.1	21.0	24.3	29.8	31.5	18.9
Nationwide	40.4	35.7	40.1	48.4	24.8	27.5	28.5	33.5	20.1
Range	14.6-57.1	10.1-57.1	17.4-54.1	28.1-63.1	6.0-38.4	7.6-44.5	8.1-46.1	12.3-54.8	4.1-35.6
DISTRICT SURVEYS									
Albuquerque, NM	44.6	42.2	42.2	62.4	42.2	44.8	42.0	44.6	34.1
Boston, MA	65.3	69.6	65.2	71.6	71.6	52.3	60.9	68.6	47.4
Broward County, FL	75.6	65.3	74.9	76.4	46.2	53.2	59.1	69.5	42.2
Chicago, IL	66.4	63.1	64.8	67.6	44.8	48.4	51.7	66.0	37.6
Cleveland, OH	37.9	23.7	34.4	43.8	22.1	26.0	27.8	32.0	17.7
District of Columbia	72.0	69.8	69.8	74.1	50.7	54.9	61.3	69.6	42.3
Duval County, FL	65.2	58.7	65.2	67.4	47.8	56.5	58.7	67.4	43.5
Eaton Consortium, MI	90.5	81.0	81.0	81.0	38.1	38.1	57.1	57.1	38.1
Fort Worth, TX	72.8	57.2	64.1	69.6	47.3	51.0	56.6	58.8	43.5
Gaston County, NC	57.1	47.6	50.0	47.6	19.0	23.8	23.8	30.0	14.3
Genesee Consortium, MI	63.2	52.6	57.9	63.2	42.1	42.1	42.1	47.4	36.8
Hillsborough County, FL	55.1	47.2	49.2	61.9	32.0	30.3	43.4	51.4	23.1
Houston, TX	87.0	84.2	87.0	90.4	86.0	88.6	87.5	84.5	76.8
Los Angeles, CA	58.7	56.9	65.7	69.3	53.9	54.8	55.9	60.3	44.2
Nashville, TN	28.0	27.1	32.3	33.2	13.5	13.5	13.5	19.1	13.5
New York City, NY	62.6	59.9	59.8	64.5	46.1	53.1	55.3	64.1	40.3
Newark, NJ	49.8	49.8	48.5	57.7	34.9	51.1	44.8	44.8	32.3
Oakland, CA	73.8	75.7	68.3	69.1	56.2	64.3	64.9	72.4	52.8
Orange County, FL	39.1	31.8	31.8	40.9	17.2	17.2	17.6	23.6	9.4
Palm Beach County, FL	100.0	100.0	97.5	100.0	88.2	88.2	82.5	100.0	77.3
Pasco County, FL	81.5	59.3	55.6	77.8	33.3	40.7	44.4	63.0	33.3
Philadelphia, PA	47.0	48.7	47.9	58.1	37.9	42.4	45.2	55.5	31.6
Portland, OR	53.8	46.8	60.8	64.3	32.0	40.1	35.2	42.2	24.1
San Diego, CA	93.9	92.2	93.9	93.9	92.2	92.2	92.2	92.2	90.4
San Francisco, CA	82.9	93.6	85.8	85.8	81.9	89.4	78.9	82.2	71.5
Seattle, WA	77.8	70.4	70.4	70.4	63.0	63.0	70.4	73.1	61.5
Shelby County, TN	42.5	37.3	37.3	47.7	29.0	35.8	30.5	28.8	23.7
Spartanburg Consortium, SC	63.9	51.4	45.8	47.2	22.2	22.2	16.7	27.8	16.7
Median	64.6	57.9	62.4	67.5	43.5	49.7	53.5	59.5	37.9
Range	28.0-100.0	23.7-100.0	31.8-97.5	33.2-100.0	13.5-92.2	13.5-92.2	13.5-92.2	19.1-100.0	9.4-90.4
TERRITORIAL SURVEY									
Puerto Rico	81.7	69.8	69.8	56.3	37.5	54.8	47.1	70.6	17.2

* About STD, HIV, and unplanned pregnancy rates and prevention strategies.

† Survey did not include schools from Chicago Public Schools.

TABLE 52a. Percentage of Secondary Schools That Implemented Activities to Communicate with Parents and Families, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	Provided parents with information to support parent-adolescent communication about sex	Provided parents with information to support parent-adolescent communication about topics other than sex	Provided parents with information about how to monitor their teen	Provided parents with information to support one-on-one time between adolescents and their health care providers	Provided parents and families with health information on HIV ^a , other STD ^b , or pregnancy prevention	Provided parents with information on all 5 topics (performance measure)
STATE SURVEYS						
Alabama	14.5	36.9	49.8	24.4	32.8	3.1
Alaska	20.1	41.6	40.1	18.4	15.1	0.5
Arizona	16.2	31.5	33.3	13.5	12.0	1.0
Arkansas	18.2	44.9	55.0	26.0	41.5	7.7
Connecticut	18.4	39.4	52.3	21.6	20.3	2.5
Delaware	32.8	48.1	56.8	41.4	35.7	5.3
Florida	17.1	44.4	49.3	17.3	26.3	2.3
Georgia	26.6	49.8	54.2	27.2	23.5	2.0
Hawaii	23.3	55.1	46.4	14.8	26.5	2.9
Idaho	18.2	45.0	44.3	16.8	19.2	1.0
Illinois ^c	21.0	47.0	46.2	18.4	27.0	2.1
Indiana	23.6	44.5	45.3	20.7	24.5	0.7
Iowa	25.4	51.0	41.1	19.3	17.4	1.5
Kansas	16.3	47.0	34.9	14.1	20.6	1.4
Kentucky	18.5	53.7	54.5	24.9	25.1	4.5
Louisiana	10.4	24.7	32.1	16.6	12.3	0.6
Maine	26.2	55.0	51.6	21.7	19.3	2.1
Maryland	33.8	57.7	54.7	27.3	41.5	3.8
Massachusetts	34.9	65.7	63.4	33.3	29.3	5.1
Michigan	26.4	51.0	50.1	17.0	41.7	2.4
Minnesota	27.3	47.1	43.7	18.1	25.4	2.9
Mississippi	20.6	41.5	42.7	19.1	31.1	3.7
Missouri	17.1	46.4	41.6	16.6	28.3	1.8
Montana	21.1	44.3	42.0	11.6	15.1	0.7
Nebraska	18.8	45.0	45.0	23.4	22.4	3.6
Nevada	18.1	40.8	43.6	23.0	30.0	2.2
New Hampshire	29.2	63.4	60.0	25.0	31.6	5.5
New Mexico	26.1	45.8	40.5	25.4	33.8	5.8
New York	40.0	63.4	67.5	36.1	47.6	11.3
North Carolina	14.7	39.7	38.5	17.2	28.8	1.7
North Dakota	20.5	46.0	53.3	18.4	23.4	2.0
Ohio	19.0	37.7	46.5	17.6	28.0	4.7
Oklahoma	18.2	33.2	31.6	19.8	35.1	1.2
Oregon	34.9	54.4	48.6	16.5	35.9	2.8
Pennsylvania	12.2	37.9	51.9	19.6	19.5	2.3
Rhode Island	28.2	54.7	63.0	35.9	30.0	2.1
South Carolina	16.5	46.7	48.7	17.6	27.7	3.1
Tennessee	23.1	54.3	51.6	28.7	26.4	3.9
Texas	23.7	50.8	52.4	22.7	33.5	1.4
Utah	21.0	52.1	53.4	19.8	22.7	0.6

TABLE 52a. Percentage of Secondary Schools That Implemented Activities to Communicate with Parents and Families, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	Provided parents with information to support parent-adolescent communication about sex	Provided parents with information to support parent-adolescent communication about topics other than sex	Provided parents with information about how to monitor their teen	Provided parents with information to support one-on-one time between adolescents and their health care providers	Provided parents and families with health information on HIV [*] , other STD [†] , or pregnancy prevention	Provided parents with information on all 5 topics (performance measure)
Vermont	34.0	69.1	53.7	22.9	21.2	0.8
Virginia	13.7	46.7	46.2	13.7	30.1	0.9
Washington	27.9	52.9	43.8	13.5	55.1	3.6
West Virginia	20.2	41.7	51.2	29.1	25.3	1.5
Nationwide	23.5	48.1	48.0	21.3	30.7	3.0
Range	10.4-40.0	24.7-69.1	31.6-67.5	11.6-41.4	12.0-55.1	0.5-11.3
DISTRICT SURVEYS						
Albuquerque, NM	37.1	55.6	42.9	25.7	41.8	8.9
Boston, MA	25.5	35.3	36.0	27.9	25.8	4.2
Broward County, FL	24.3	50.2	50.8	28.2	36.3	9.7
Chicago, IL	35.3	51.2	47.9	27.8	42.6	4.9
Cleveland, OH	20.6	35.1	38.8	20.4	23.2	5.1
District of Columbia	46.4	57.3	66.2	46.7	53.9	23.4
Duval County, FL	22.2	44.4	47.8	26.1	55.6	8.7
Eaton Consortium, MI	0.0	52.4	52.4	19.0	81.8	0.0
Fort Worth, TX	31.8	47.2	39.1	22.5	61.4	7.7
Gaston County, NC	9.5	23.8	28.6	9.5	38.1	4.8
Genesee Consortium, MI	15.8	47.4	42.1	15.8	63.2	10.5
Hillsborough County, FL	10.2	31.1	41.8	10.3	17.3	0.0
Houston, TX	48.7	73.7	72.8	57.6	55.5	28.9
Los Angeles, CA	39.5	69.7	77.0	43.0	53.6	17.4
Nashville, TN	13.0	26.7	37.0	17.9	9.4	0.0
New York City, NY	44.1	68.3	66.6	49.8	57.0	15.6
Newark, NJ	26.9	51.4	44.2	39.7	17.3	0.0
Oakland, CA	31.1	34.5	22.4	19.0	13.7	6.5
Orange County, FL	10.6	32.5	40.5	17.3	28.8	0.0
Palm Beach County, FL	81.1	66.9	62.0	18.1	67.1	10.8
Pasco County, FL	42.9	64.3	67.9	21.4	39.3	10.7
Philadelphia, PA	23.1	47.5	45.3	26.3	31.9	3.0
Portland, OR	56.1	67.8	50.9	19.9	46.1	13.1
San Diego, CA	94.8	98.3	98.2	94.8	96.3	87.8
San Francisco, CA	48.5	69.3	73.4	48.9	21.9	0.0
Seattle, WA	46.2	73.1	61.5	34.6	69.2	22.2
Shelby County, TN	24.6	41.8	36.9	17.6	54.8	8.6
Spartanburg Consortium, SC	30.6	43.1	36.1	19.4	44.4	5.6
Median	30.8	50.7	46.5	24.1	43.5	8.2
Range	0.0-94.8	23.8-98.3	22.4-98.2	9.5-94.8	9.4-96.3	0.0-87.8
TERRITORIAL SURVEY						
Puerto Rico	41.3	67.6	61.9	61.6	48.6	6.0

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools. Survey did not include schools from Chicago Public Schools.

TABLE 52b. Percentage of Secondary Schools That Implemented Parent Engagement Strategies for All Students, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	Involved parents as school volunteers in the delivery of health education activities and services	Linked parents and families to health services and programs in the community	Gave students health education homework assignments or activities to do at home with their parents	Provided disease-specific education for parents and families of students with chronic health conditions	Students' families helped develop or implement policies and programs related to school health
STATE SURVEYS					
Alabama	18.6	58.0	52.2	39.0	33.9
Alaska	25.9	52.8	51.5	25.0	27.5
Arizona	20.4	62.5	35.4	30.2	27.5
Arkansas	38.4	65.4	59.5	47.7	73.2
Connecticut	18.7	75.6	58.9	45.5	37.1
Delaware	22.0	74.0	62.4	61.4	45.1
Florida	23.3	65.4	46.0	29.1	29.5
Georgia	30.6	67.2	49.6	41.7	43.9
Hawaii	21.1	66.2	58.7	29.6	27.7
Idaho	22.0	54.7	56.7	32.2	35.8
Illinois*	18.0	66.6	64.4	41.0	32.5
Indiana	21.1	67.5	46.9	39.9	37.7
Iowa	22.0	66.4	50.9	42.1	43.4
Kansas	15.6	54.9	47.2	28.9	32.4
Kentucky	23.9	75.2	61.0	44.0	53.8
Louisiana	17.5	51.7	45.4	30.2	31.0
Maine	22.0	71.5	62.1	51.5	33.5
Maryland	30.0	76.8	70.2	51.8	30.8
Massachusetts	23.0	80.4	57.3	59.0	49.9
Michigan	18.2	65.6	67.2	24.1	45.3
Minnesota	23.5	67.3	63.2	38.9	38.7
Mississippi	26.4	51.9	61.0	40.5	49.9
Missouri	15.4	71.1	46.0	42.0	44.6
Montana	31.2	60.8	42.9	29.3	35.6
Nebraska	29.5	64.9	50.5	44.2	38.6
Nevada	17.9	65.7	61.4	38.8	22.3
New Hampshire	25.6	81.4	63.1	54.1	40.9
New Mexico	24.7	68.4	63.9	42.1	41.3
New York	29.9	78.8	76.4	59.0	45.9
North Carolina	17.0	57.8	49.8	30.7	28.1
North Dakota	23.2	60.5	49.7	35.8	30.6
Ohio	18.1	63.8	57.3	35.3	27.7
Oklahoma	27.7	51.3	36.8	27.4	67.5
Oregon	20.5	77.8	63.0	33.7	32.7
Pennsylvania	17.9	64.5	43.9	44.2	27.2
Rhode Island	23.8	77.9	59.0	53.7	54.5
South Carolina	18.7	67.5	41.1	38.4	37.9
Tennessee	27.6	71.0	47.6	47.3	46.0
Texas	27.5	64.3	46.1	41.4	57.9

TABLE 52b. Percentage of Secondary Schools That Implemented Parent Engagement Strategies for All Students, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	Involved parents as school volunteers in the delivery of health education activities and services	Linked parents and families to health services and programs in the community	Gave students health education homework assignments or activities to do at home with their parents	Provided disease-specific education for parents and families of students with chronic health conditions	Students' families helped develop or implement policies and programs related to school health
Utah	23.5	64.1	85.0	32.5	50.4
Vermont	18.1	86.0	52.3	62.8	29.1
Virginia	15.2	71.9	58.8	42.9	30.6
Washington	15.4	69.1	66.9	33.6	22.4
West Virginia	24.8	68.4	54.1	52.3	27.5
Nationwide	21.9	67.0	56.0	41.2	39.6
Range	15.2-38.4	51.3-86.0	35.4-85.0	24.1-62.8	22.3-73.2
DISTRICT SURVEYS					
Albuquerque, NM	32.3	84.2	69.6	51.2	30.3
Boston, MA	27.9	78.7	43.2	56.1	46.6
Broward County, FL	19.1	62.3	44.6	39.5	39.3
Chicago, IL	24.6	77.1	69.6	56.4	39.8
Cleveland, OH	12.2	70.7	38.3	40.4	32.3
District of Columbia	29.8	63.8	82.2	53.0	34.2
Duval County, FL	30.4	65.2	74.6	32.6	35.6
Eaton Consortium, MI	42.9	71.4	90.9	42.9	71.4
Fort Worth, TX	22.5	78.9	77.6	41.7	32.7
Gaston County, NC	14.3	52.4	47.6	28.6	33.3
Genesee Consortium, MI	10.5	73.7	73.7	36.8	47.4
Hillsborough County, FL	17.5	68.5	33.4	25.8	16.8
Houston, TX	45.6	83.5	73.0	69.2	51.4
Los Angeles, CA	24.9	87.6	82.1	61.5	51.8
Nashville, TN	17.1	55.2	56.4	21.5	16.1
New York City, NY	30.9	80.2	67.1	58.1	45.1
Newark, NJ	26.5	88.6	52.1	60.4	21.6
Oakland, CA	15.5	59.0	30.6	33.8	35.8
Orange County, FL	16.8	54.5	38.9	16.2	27.1
Palm Beach County, FL	26.1	83.7	53.2	48.5	38.5
Pasco County, FL	28.6	85.7	46.4	64.3	33.3
Philadelphia, PA	20.6	74.9	55.2	59.7	34.3
Portland, OR	23.5	91.6	80.0	44.6	14.5
San Diego, CA	27.6	98.3	94.2	57.5	53.6
San Francisco, CA	43.0	90.3	43.8	79.7	18.9
Seattle, WA	53.8	92.3	88.5	61.5	38.5
Shelby County, TN	24.1	58.5	75.3	36.3	27.4
Spartanburg Consortium, SC	5.6	76.4	64.7	54.2	25.0
Median	24.7	76.7	65.9	49.9	34.3
Range	5.6-53.8	52.4-98.3	30.6-94.2	16.2-79.7	14.5-71.4
TERRITORIAL SURVEY					
Puerto Rico	83.4	85.5	89.9	63.2	99.4

* Survey did not include schools from Chicago Public Schools.

TABLE 53. Percentage of Secondary Schools That Participated in Service-Learning or Mentoring Programs, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020

Site	School-based positive youth development programs ^a		Community-based positive youth development programs ^b		Participated in service-learning or mentoring programs (performance measure)
	Implements service-learning programs	Implements mentoring programs in which family or community members serve as role models to students or mentor students	Connects students to service learning programs	Connects students to mentoring programs in which family or community members serve as role models to students or mentor students	
STATE SURVEYS					
Alabama	55.9	48.1	50.6	49.0	69.2
Alaska	53.8	38.6	45.0	41.2	68.6
Arizona	58.4	34.6	46.5	35.8	67.4
Arkansas	72.0	49.6	55.9	47.8	82.5
Connecticut	59.3	62.7	61.6	66.6	82.1
Delaware	71.1	72.2	62.2	74.0	90.3
Florida	72.6	80.8	62.1	70.2	90.0
Georgia	67.1	79.7	62.9	77.2	93.1
Hawaii	73.0	60.0	63.9	63.6	86.9
Idaho	56.0	51.2	48.0	44.6	73.8
Illinois ^c	50.0	46.2	42.2	42.2	71.6
Indiana	66.9	63.9	63.2	66.0	86.3
Iowa	54.3	46.6	48.5	49.9	77.3
Kansas	57.5	41.9	49.4	43.3	79.0
Kentucky	68.1	64.6	59.2	57.1	83.0
Louisiana	54.5	47.0	53.5	50.4	70.4
Maine	60.2	54.2	49.7	52.7	79.6
Maryland	89.2	70.9	75.5	71.3	95.0
Massachusetts	59.8	58.2	60.2	62.5	82.8
Michigan	56.6	51.9	45.1	49.8	75.5
Minnesota	54.5	48.0	53.7	53.8	73.2
Mississippi	55.0	51.4	52.3	52.3	74.9
Missouri	55.7	49.2	47.9	44.5	74.6
Montana	57.2	55.6	41.7	48.3	73.0
Nebraska	51.4	73.2	46.8	67.9	84.4
Nevada	58.1	45.6	57.4	48.4	78.8
New Hampshire	56.9	47.4	52.8	51.0	76.0
New Mexico	59.2	49.3	50.6	52.4	75.9
New York	72.0	61.5	67.8	60.9	84.9
North Carolina	54.7	55.8	57.0	58.5	78.4
North Dakota	51.0	41.2	43.8	45.5	68.3
Ohio	57.5	58.4	55.6	59.9	78.4
Oklahoma	54.7	41.3	49.5	39.6	69.7
Oregon	52.8	55.4	43.7	50.5	75.7
Pennsylvania	54.2	46.4	53.3	47.9	71.9
Rhode Island	62.5	63.6	55.0	63.7	79.0
South Carolina	76.6	71.5	57.7	65.6	91.6
Tennessee	58.1	54.4	53.4	54.1	76.5
Texas	63.2	58.7	49.4	51.4	78.8
Utah	52.9	37.8	43.1	43.0	65.6

TABLE 53. Percentage of Secondary Schools That Participated in Service-Learning or Mentoring Programs, Selected U.S. Sites: School Health Profiles, Principal and Lead Health Education Teacher Surveys, 2020 (continued)

Site	School-based positive youth development programs ^a		Community-based positive youth development programs ^b		Participated in service-learning or mentoring programs (performance measure)
	Implements service-learning programs	Implements mentoring programs in which family or community members serve as role models to students or mentor students	Connects students to service learning programs	Connects students to mentoring programs in which family or community members serve as role models to students or mentor students	
Vermont	57.8	50.4	49.6	62.1	83.6
Virginia	58.6	55.2	56.0	58.1	81.2
Washington	53.8	51.9	45.7	48.1	78.2
West Virginia	54.0	55.8	48.8	51.1	74.3
Nationwide	59.8	55.3	52.2	53.1	78.4
Range	50.0-89.2	34.6-80.8	41.7-75.5	35.8-77.2	65.6-95.0
DISTRICT SURVEYS					
Albuquerque, NM	58.7	50.5	53.0	42.4	76.7
Boston, MA	51.1	59.6	70.6	79.9	87.3
Broward County, FL	84.9	89.4	74.9	82.6	92.5
Chicago, IL	58.2	59.9	55.2	57.5	77.0
Cleveland, OH	56.7	63.6	67.7	64.1	80.6
District of Columbia	67.3	78.7	72.0	80.5	93.5
Duval County, FL	80.4	84.8	71.7	76.1	91.3
Eaton Consortium, MI	81.0	52.6	52.4	57.9	90.5
Fort Worth, TX	77.6	87.0	70.1	91.1	100.0
Gaston County, NC	50.0	80.0	52.4	66.7	85.7
Genesee Consortium, MI	68.4	57.9	68.4	63.2	84.2
Hillsborough County, FL	65.3	83.3	53.8	65.9	89.9
Houston, TX	91.0	83.6	84.0	83.1	93.9
Los Angeles, CA	74.8	65.3	72.0	68.3	90.1
Nashville, TN	58.1	65.7	50.2	65.3	91.7
New York City, NY	71.6	67.4	70.8	65.4	86.3
Newark, NJ	58.9	62.4	65.5	76.2	86.9
Oakland, CA	50.2	52.9	68.7	69.2	86.0
Orange County, FL	75.6	81.9	58.4	64.3	88.1
Palm Beach County, FL	90.2	92.2	81.1	85.0	94.1
Pasco County, FL	44.4	63.0	37.0	44.4	77.8
Philadelphia, PA	56.6	64.1	58.6	70.0	83.2
Portland, OR	60.5	59.6	53.5	72.6	83.1
San Diego, CA	40.5	54.5	44.9	56.8	70.6
San Francisco, CA	55.6	72.5	75.7	78.5	96.6
Seattle, WA	74.1	80.8	85.2	96.2	96.3
Shelby County, TN	62.9	76.2	73.2	79.6	88.1
Spartanburg Consortium, SC	57.4	58.8	44.1	51.5	70.6
Median	61.7	65.5	68.1	68.7	87.7
Range	40.5-91.0	50.5-92.2	37.0-85.2	42.4-96.2	70.6-100.0
TERRITORIAL SURVEY					
Puerto Rico	87.7	81.5	66.1	61.0	87.7

^a Led by the school or school district.

^b Led by a community organization.

^c Survey did not include schools from Chicago Public Schools.

TABLE 54. Percentage of Secondary Schools That Had Someone Who Oversees or Coordinates School Health and Safety Programs and Activities and the Percentage That Ever Used the School Health Index or Other Self-Assessment Tool to Assess School Policies, Activities, and Programs in Specific Areas, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Had someone who oversees or coordinates school health and safety programs and activities	Ever used the School Health Index or other self-assessment tool						
		Physical education and physical activity	Nutrition	Tobacco-use prevention	Alcohol- and other drug-use prevention	Chronic health conditions	Unintentional injury and violence prevention	Sexual health, including HIV,* other STD,* and pregnancy prevention
STATE SURVEYS								
Alabama	86.7	39.5	38.9	40.0	42.6	35.7	35.0	31.0
Alaska	62.3	36.1	35.5	37.9	37.3	24.4	27.8	29.0
Arizona	78.9	38.5	37.3	36.7	36.3	25.5	26.0	18.9
Arkansas	96.6	89.3	90.6	87.0	86.1	73.8	73.3	73.5
Connecticut	87.6	61.3	50.7	47.5	49.1	39.5	41.2	43.9
Delaware	91.9	56.3	67.9	68.9	68.0	53.4	41.4	55.4
Florida	92.7	60.7	55.4	54.6	54.0	40.4	44.8	41.9
Georgia	89.3	58.0	58.5	56.8	56.7	43.2	50.2	48.4
Hawaii	91.5	69.4	61.5	55.9	57.0	44.6	47.5	48.1
Idaho	87.8	38.3	38.1	37.6	38.4	29.6	31.6	24.7
Illinois [†]	86.1	46.0	42.0	41.4	42.1	37.2	36.0	36.5
Indiana	91.0	38.0	39.2	45.8	45.9	22.4	31.0	34.3
Iowa	85.4	36.8	37.1	35.8	35.8	24.9	30.5	33.2
Kansas	86.2	37.9	38.0	41.2	40.3	27.4	31.2	32.1
Kentucky	91.7	69.9	65.4	62.9	60.7	48.1	52.5	48.8
Louisiana	83.5	62.0	58.9	55.5	55.7	38.3	45.7	32.3
Maine	80.7	49.0	51.3	53.7	52.1	29.9	33.6	42.3
Maryland	89.1	57.0	54.5	48.6	47.3	39.7	39.0	37.5
Massachusetts	89.8	59.3	57.2	59.9	59.7	48.0	48.3	52.4
Michigan	83.5	48.2	48.1	45.9	46.5	33.8	37.2	47.2
Minnesota	90.8	48.1	47.4	48.7	49.0	37.5	38.2	42.4
Mississippi	88.7	64.5	64.9	64.4	62.2	53.9	50.3	51.5
Missouri	94.7	52.2	53.4	50.5	51.4	41.9	46.5	40.9
Montana	91.2	52.8	51.5	58.9	58.8	38.7	47.6	49.6
Nebraska	96.1	54.5	53.6	52.8	53.7	40.6	41.4	45.0
Nevada	81.6	43.9	37.9	43.6	42.3	28.1	30.1	35.7
New Hampshire	94.3	54.0	55.2	53.2	54.1	41.1	44.6	43.4
New Mexico	86.6	51.2	51.7	53.2	53.6	42.9	47.4	46.6
New York	92.6	57.4	50.4	49.4	51.9	37.9	40.6	47.9
North Carolina	87.3	37.9	32.7	31.3	31.9	28.3	28.5	25.3
North Dakota	90.6	49.4	48.6	53.5	52.6	36.1	40.3	41.0
Ohio	82.1	45.8	43.0	41.9	42.5	31.9	34.4	36.5
Oklahoma	93.7	56.8	60.5	54.3	55.2	39.8	40.0	42.1
Oregon	89.8	38.9	35.6	40.3	42.9	25.3	30.9	37.9
Pennsylvania	76.9	42.8	41.3	38.0	39.0	32.4	34.4	31.8
Rhode Island	85.1	62.1	59.5	57.2	62.2	54.9	54.4	56.0
South Carolina	91.3	49.3	48.5	47.5	48.8	39.2	39.5	41.8
Tennessee	90.6	75.0	65.7	62.1	60.7	52.6	52.4	48.9
Texas	95.0	52.9	45.7	46.4	46.3	37.2	39.9	39.8
Utah	87.2	40.3	41.3	48.7	51.0	34.6	38.1	35.8

TABLE 54. Percentage of Secondary Schools That Had Someone Who Oversees or Coordinates School Health and Safety Programs and Activities and the Percentage That Ever Used the School Health Index or Other Self-Assessment Tool to Assess School Policies, Activities, and Programs in Specific Areas, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Had someone who oversees or coordinates school health and safety programs and activities	Ever used the School Health Index or other self-assessment tool						
		Physical education and physical activity	Nutrition	Tobacco-use prevention	Alcohol- and other drug-use prevention	Chronic health conditions	Unintentional injury and violence prevention	Sexual health, including HIV,* other STD,† and pregnancy prevention
Vermont	87.4	64.0	54.7	63.8	61.8	36.4	43.6	50.2
Virginia	87.9	55.9	49.7	47.7	50.7	38.2	40.5	37.7
Washington	83.4	44.0	41.9	51.0	51.7	32.2	38.0	42.2
West Virginia	93.7	60.9	53.6	59.2	54.9	34.6	35.3	45.2
Nationwide	86.7	52.5	49.7	49.2	49.1	37.9	40.7	41.4
Range	62.3-96.6	36.1-89.3	32.7-90.6	31.3-87.0	31.9-86.1	22.4-73.8	26.0-73.3	18.9-73.5
DISTRICT SURVEYS								
Albuquerque, NM	85.0	55.4	55.4	60.4	60.4	47.9	45.0	50.2
Boston, MA	88.7	61.2	49.8	45.5	46.8	49.9	40.0	51.2
Broward County, FL	95.1	58.5	46.5	56.8	53.6	45.5	52.7	47.1
Chicago, IL	92.1	63.2	55.6	33.7	36.7	61.0	41.9	50.3
Cleveland, OH	72.7	63.0	46.5	35.4	31.3	32.0	36.1	38.4
District of Columbia	85.1	80.4	70.2	63.5	67.7	64.0	59.7	67.9
Duval County, FL	93.5	57.8	53.3	55.6	56.8	55.6	60.0	48.9
Eaton Consortium, MI	82.6	57.7	65.4	57.7	57.7	30.8	38.5	57.7
Fort Worth, TX	87.7	63.2	57.7	57.7	63.9	53.0	59.4	56.3
Gaston County, NC	95.0	55.0	50.0	45.0	45.0	45.0	50.0	45.0
Genesee Consortium, MI	89.5	52.6	57.9	52.6	52.6	36.8	36.8	52.6
Hillsborough County, FL	91.4	50.6	42.7	33.4	38.3	26.3	36.2	27.9
Houston, TX	97.0	70.0	59.3	53.4	53.5	50.2	49.1	46.4
Los Angeles, CA	91.2	69.9	61.5	63.8	61.6	48.9	60.0	56.3
Nashville, TN	81.3	50.4	34.1	22.9	23.8	19.4	21.3	19.3
New York City, NY	94.1	56.4	43.3	36.0	39.2	34.1	39.1	46.6
Newark, NJ	76.1	46.2	49.4	29.8	35.3	38.6	30.0	25.8
Oakland, CA	77.4	32.0	22.0	32.7	36.6	17.6	25.1	34.7
Orange County, FL	98.0	52.7	51.7	32.4	34.3	30.0	30.4	28.4
Palm Beach County, FL	92.9	55.3	59.7	45.7	42.5	38.8	42.9	35.5
Pasco County, FL	100.0	50.0	56.0	50.0	50.0	38.5	42.3	38.5
Philadelphia, PA	91.9	54.0	56.2	33.3	34.9	44.6	38.7	37.4
Portland, OR	87.1	31.3	31.5	27.7	27.7	14.1	23.5	28.7
San Diego, CA	96.6	71.5	69.7	75.5	71.9	53.3	64.2	66.1
San Francisco, CA	84.2	53.4	51.0	50.7	47.3	36.3	34.3	45.6
Seattle, WA	92.6	69.2	57.7	69.2	69.2	50.0	53.8	65.4
Shelby County, TN	86.6	63.5	58.5	43.8	47.2	51.9	47.0	53.1
Spartanburg Consortium, SC	100.0	63.9	58.3	58.3	58.3	34.7	52.8	34.7
Median	91.3	57.0	55.5	47.9	47.3	41.7	42.1	46.5
Range	72.7-100.0	31.3-80.4	22.0-70.2	22.9-75.5	23.8-71.9	14.1-64.0	21.3-64.2	19.3-67.9
TERRITORIAL SURVEY								
Puerto Rico	96.4	95.6	93.1	94.6	87.1	33.3	34.4	47.0

* Human immunodeficiency virus.

† Sexually transmitted disease.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 55. Percentage of Secondary Schools That Had One or More School Health Councils,* and Among Schools with Councils, the Percentage That Did Specific Activities During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	School health council	Activities [†]				
		Identified student health needs based on review of relevant data	Recommended new or revised health and safety policies and activities to school administrators or the school improvement team	Sought funding or leveraged resources to support health and safety priorities for students and staff	Communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members	Reviewed health-related curricula or instructional materials
STATE SURVEYS						
Alabama	33.1	83.1	85.0	75.4	92.2	82.5
Alaska	26.2	68.2	67.6	63.7	88.4	79.9
Arizona	42.1	81.0	83.6	64.7	86.0	75.3
Arkansas	75.3	84.4	80.0	56.9	84.5	83.8
Connecticut	59.5	77.4	82.2	68.8	91.2	89.2
Delaware	64.9	85.3	85.1	86.7	91.1	83.0
Florida	51.1	68.5	73.2	47.6	84.8	76.6
Georgia	54.6	86.1	85.8	69.5	93.7	85.9
Hawaii	66.5	75.9	85.5	61.1	80.9	78.3
Idaho	43.7	79.0	78.3	73.3	92.1	80.8
Illinois [†]	50.3	72.7	69.9	59.4	83.8	82.9
Indiana	54.9	78.9	83.4	73.2	88.4	78.3
Iowa	52.7	76.5	69.9	56.7	78.7	77.0
Kansas	53.3	69.9	78.3	63.0	78.7	68.3
Kentucky	63.9	75.9	80.0	70.3	86.7	80.1
Louisiana	41.5	73.5	80.0	50.3	89.1	84.4
Maine	51.9	70.7	75.7	67.4	87.0	77.6
Maryland	60.4	77.6	73.6	61.7	75.4	79.7
Massachusetts	70.6	89.2	82.7	74.9	89.1	89.6
Michigan	57.0	77.8	74.4	74.8	83.0	87.4
Minnesota	62.5	74.5	81.4	76.6	87.2	74.6
Mississippi	64.6	75.1	81.0	59.1	93.9	82.8
Missouri	57.5	79.8	77.2	64.7	87.7	83.7
Montana	55.8	83.0	77.3	65.6	87.8	80.9
Nebraska	64.6	70.4	70.7	53.5	87.8	72.8
Nevada	36.2	73.1	59.2	54.5	67.2	80.9
New Hampshire	74.8	78.0	76.9	70.3	91.7	89.4
New Mexico	55.0	80.6	82.5	52.1	92.0	73.3
New York	68.1	79.3	85.4	66.8	90.0	88.5
North Carolina	48.0	76.7	70.5	58.0	81.4	82.2
North Dakota	44.4	73.1	69.3	60.0	86.6	75.3
Ohio	46.9	73.3	79.4	67.5	85.0	78.1
Oklahoma	68.4	71.8	82.5	56.6	89.1	69.5
Oregon	46.3	86.2	75.2	70.7	83.0	86.5
Pennsylvania	51.1	86.3	86.8	75.6	90.8	89.4
Rhode Island	62.0	90.9	81.8	67.2	92.7	95.5
South Carolina	63.2	78.7	69.5	65.0	84.6	76.7
Tennessee	62.3	89.3	79.1	69.6	85.2	80.4
Texas	70.2	77.3	83.7	58.0	87.5	73.4
Utah	52.7	83.4	75.8	70.3	91.5	91.4
Vermont	72.7	79.7	76.5	77.1	87.3	80.9

TABLE 55. Percentage of Secondary Schools That Had One or More School Health Councils,* and Among Schools with Councils, the Percentage That Did Specific Activities During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Activities [†]					
	School health council	Identified student health needs based on review of relevant data	Recommended new or revised health and safety policies and activities to school administrators or the school improvement team	Sought funding or leveraged resources to support health and safety priorities for students and staff	Communicated the importance of health and safety policies and activities to district administrators, school administrators, parent-teacher groups, or community members	Reviewed health-related curricula or instructional materials
Virginia	55.7	80.6	72.4	60.0	85.0	85.9
Washington	40.9	83.3	70.4	74.9	88.3	80.8
West Virginia	56.0	86.0	76.2	66.4	83.9	88.5
Nationwide	55.8	78.7	78.3	65.3	86.3	80.9
Range	26.2-75.3	68.2-90.9	59.2-86.8	47.6-86.7	67.2-93.9	68.3-95.5
DISTRICT SURVEYS						
Albuquerque, NM	60.6	83.2	71.5	38.8	87.3	83.2
Boston, MA	62.4	83.1	85.6	67.7	87.6	86.4
Broward County, FL	50.7	80.2	74.3	61.4	85.8	73.8
Chicago, IL	58.0	82.4	77.8	61.0	84.9	86.4
Cleveland, OH	30.3	70.0	70.0	60.0	76.7	75.9
District of Columbia	40.2	79.3	79.3	68.9	74.1	79.3
Duval County, FL	46.8	86.4	77.3	63.6	85.7	76.2
Eaton Consortium, MI	47.8	81.8	63.6	63.6	63.6	100.0
Fort Worth, TX	58.5	77.2	76.0	47.9	85.0	82.2
Gaston County, NC	40.0	75.0	87.5	75.0	100.0	100.0
Genesee Consortium, MI	63.2	75.0	66.7	66.7	83.3	83.3
Hillsborough County, FL	46.2	66.1	67.7	30.9	85.1	84.1
Houston, TX	82.1	94.7	87.6	62.2	94.6	88.0
Los Angeles, CA	56.7	86.9	80.3	73.0	94.4	90.8
Nashville, TN	40.4	59.3	47.8	26.8	29.7	19.2
New York City, NY	57.8	82.0	83.1	72.2	84.2	92.0
Newark, NJ	58.3	72.0	81.6	65.5	86.9	61.8
Oakland, CA	53.1	88.2	84.4	88.2	70.2	94.1
Orange County, FL	59.7	68.6	64.8	44.9	77.8	78.8
Palm Beach County, FL	58.3	64.3	83.2	60.1	89.9	77.7
Pasco County, FL	71.4	75.0	95.0	50.0	90.0	85.0
Philadelphia, PA	34.9	87.6	76.3	67.6	83.3	83.1
Portland, OR	37.9	83.0	83.0	27.7	88.6	100.0
San Diego, CA	85.5	84.5	82.9	80.1	98.0	67.1
San Francisco, CA	72.4	86.2	67.9	68.6	77.0	79.9
Seattle, WA	74.1	95.0	90.0	80.0	85.0	80.0
Shelby County, TN	48.3	92.9	60.4	59.0	86.1	76.0
Spartanburg Consortium, SC	51.4	89.2	78.4	78.4	78.4	78.4
Median	57.2	82.2	78.1	63.6	85.1	82.6
Range	30.3-85.5	59.3-95.0	47.8-95.0	26.8-88.2	29.7-100.0	19.2-100.0
TERRITORIAL SURVEY						
Puerto Rico	85.3	79.7	79.7	39.4	53.6	37.5

* A group, committee, or team that offers guidance on the development of policies or coordinates activities on health topics.

[†] Among schools with school health councils.

[‡] Survey did not include schools from Chicago Public Schools.

TABLE 56. Percentage of Secondary Schools with a School Improvement Plan (SIP) That Includes Health-Related Objectives on Specific Topics and the Percentage That Reviewed School Health and Safety Data* in the Past Year as Part of the School's Improvement Planning Process,[†] Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Health education	Physical education	Physical activity	School meal programs	Foods and beverages available at school outside the school meal programs	Health services	Counseling, psychological, and social services	Physical environment	Social and emotional climate	Family engagement	Community involvement	Employee wellness	Reviewed health and safety data as part of school's improvement planning process
STATE SURVEYS													
Alabama	28.8	31.7	25.7	27.7	23.3	33.2	55.4	52.1	67.5	77.2	76.8	36.0	41.7
Alaska	29.2	26.7	24.6	26.6	20.6	24.0	38.4	37.1	69.9	68.9	70.2	24.1	63.4
Arizona	24.4	26.1	24.4	27.7	19.6	28.7	56.9	40.1	70.9	70.8	71.5	37.6	46.6
Arkansas	75.6	73.7	72.1	71.3	62.1	71.2	72.4	64.3	69.8	79.3	77.6	59.1	73.1
Connecticut	38.9	44.1	36.2	27.3	21.3	33.0	66.7	48.8	85.6	82.3	73.1	45.1	72.6
Delaware	34.3	35.4	35.3	31.8	25.9	52.0	67.4	48.9	77.7	77.7	75.6	48.9	64.1
Florida	18.0	16.8	12.5	13.1	9.7	20.8	52.8	37.1	69.5	77.1	71.5	21.3	51.6
Georgia	29.6	25.7	21.0	19.5	14.9	28.0	61.7	52.5	72.8	77.2	73.6	33.4	64.9
Hawaii	48.6	49.5	44.7	33.5	27.0	45.1	66.7	45.9	77.3	78.2	68.7	43.0	64.9
Idaho	33.2	33.0	31.7	33.0	30.6	31.9	46.4	48.0	65.8	69.0	63.8	40.6	49.7
Illinois [†]	32.6	30.4	25.6	25.4	16.0	33.5	55.2	45.5	71.2	63.1	57.6	35.3	65.6
Indiana	31.2	29.4	19.4	19.6	17.2	30.1	60.6	46.6	73.4	66.6	64.7	25.5	40.6
Iowa	43.7	44.4	37.8	42.6	37.1	43.3	51.4	46.8	65.5	54.7	56.4	45.0	67.9
Kansas	46.9	44.5	40.1	44.8	43.3	42.5	60.1	51.4	70.0	64.2	62.8	47.1	62.0
Kentucky	42.8	43.5	35.0	34.5	32.7	43.6	55.2	47.7	60.2	70.0	66.6	35.5	63.6
Louisiana	28.5	30.4	25.1	26.6	20.8	29.2	43.6	38.9	58.6	76.3	71.3	23.8	42.5
Maine	23.7	23.5	21.0	23.1	22.5	24.1	31.6	27.0	38.1	33.8	33.1	25.9	76.2
Maryland	28.3	25.7	27.9	18.6	15.7	29.0	60.1	46.2	84.9	73.6	67.7	43.2	52.4
Massachusetts	40.1	27.9	27.1	17.9	15.5	41.3	75.2	53.0	88.7	81.4	75.2	35.8	77.1
Michigan	28.4	26.4	21.5	19.3	13.9	28.0	59.4	41.7	74.4	69.2	64.9	26.3	56.6
Minnesota	25.3	24.9	22.5	23.9	23.1	25.4	38.6	33.5	55.6	40.8	37.7	33.7	64.7
Mississippi	49.3	49.0	45.3	46.6	42.3	46.4	58.0	53.4	58.0	63.1	62.5	45.7	59.9
Missouri	46.8	46.8	40.6	41.9	35.8	44.8	62.7	57.7	70.0	72.7	74.4	50.6	54.7
Montana	50.0	48.7	39.9	46.7	40.9	40.6	57.1	51.3	63.7	65.3	63.1	44.2	82.2
Nebraska	40.8	37.9	36.1	31.4	30.4	39.5	52.7	40.2	64.9	53.9	55.3	47.8	58.9
Nevada	10.7	10.7	10.8	14.2	9.3	17.2	48.0	32.9	73.8	89.3	77.9	19.3	60.8
New Hampshire	19.1	17.2	21.1	19.3	19.1	20.5	25.6	23.0	28.1	24.8	26.2	24.3	85.8
New Mexico	45.9	46.3	42.0	48.8	40.0	52.1	57.0	49.4	60.3	59.7	57.7	42.4	71.5
New York	32.5	32.3	30.5	30.1	27.5	33.7	39.5	33.3	43.3	42.0	39.2	30.7	76.5
North Carolina	24.9	20.9	23.8	15.1	11.7	27.9	69.0	46.8	82.4	80.5	77.7	36.5	43.3
North Dakota	40.3	39.0	35.7	36.3	32.4	40.3	67.9	55.4	81.0	72.9	70.0	48.6	69.2
Ohio	26.4	25.0	20.7	25.9	20.2	27.0	46.2	35.4	58.8	51.0	51.0	26.0	60.3
Oklahoma	45.7	47.4	44.6	46.5	43.3	42.1	50.8	43.6	47.1	47.9	49.1	39.8	64.7
Oregon	31.7	31.5	24.6	21.1	17.0	37.5	62.9	44.0	78.9	75.2	69.4	28.4	62.4
Pennsylvania	18.6	18.5	14.8	17.8	13.7	20.9	32.8	24.6	36.4	39.7	37.2	18.2	59.9
Rhode Island	37.8	29.2	33.8	27.8	22.9	43.8	63.0	55.2	83.6	81.1	79.5	41.0	71.0
South Carolina	41.3	39.3	35.0	32.4	30.1	38.4	58.8	64.4	71.9	76.3	77.0	45.0	54.1
Tennessee	40.8	42.6	43.8	32.3	27.1	44.3	73.3	59.1	81.2	88.4	87.7	37.2	59.3
Texas	58.1	55.1	50.5	44.9	38.9	57.5	82.4	70.4	87.4	91.2	91.6	54.9	58.9
Utah	32.6	24.7	19.6	16.8	14.5	28.3	68.7	45.0	81.5	42.3	46.9	30.8	65.7
Vermont	28.8	24.5	27.2	21.2	16.7	31.6	62.7	40.0	79.4	64.4	61.7	36.6	80.9
Virginia	23.8	23.9	17.4	15.8	12.4	24.1	59.4	43.6	75.8	67.9	66.2	39.5	54.2

TABLE 56. Percentage of Secondary Schools with a School Improvement Plan (SIP) That Includes Health-Related Objectives on Specific Topics and the Percentage That Reviewed School Health and Safety Data* in the Past Year as Part of the School's Improvement Planning Process,† Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Health education	Physical education	Physical activity	School meal programs	Foods and beverages available at school outside the school meal programs	Health services	Counseling, psychological, and social services	Physical environment	Social and emotional climate	Family engagement	Community involvement	Employee wellness	Reviewed health and safety data as part of school's improvement planning process
Washington	18.8	18.3	13.3	8.5	7.6	23.8	52.2	34.8	83.8	68.5	60.9	17.2	63.5
West Virginia	28.5	28.8	33.3	27.1	18.6	28.7	46.3	36.9	55.9	51.1	49.2	25.4	83.5
Nationwide	35.8	34.7	31.1	30.1	25.4	36.8	57.6	46.1	67.9	66.4	64.6	36.6	61.9
Range	10.7-75.6	10.7-73.7	10.8-72.1	8.5-71.3	7.6-62.1	17.2-71.2	25.6-82.4	23.0-70.4	28.1-88.7	24.8-91.2	26.2-91.6	17.2-59.1	40.6-85.8
DISTRICT SURVEYS													
Albuquerque, NM	40.8	37.7	35.2	34.9	31.9	46.8	49.9	34.7	52.9	52.9	49.9	40.8	78.9
Boston, MA	62.1	59.1	55.0	38.6	45.9	63.1	70.4	53.3	81.1	83.5	70.4	50.8	81.8
Broward County, FL	27.0	30.1	24.6	21.2	15.2	38.4	79.2	48.5	92.9	93.4	90.3	30.9	59.1
Chicago, IL	40.5	39.3	37.7	22.8	21.8	42.4	78.4	51.8	92.1	87.0	84.7	33.6	54.4
Cleveland, OH	31.6	39.7	36.4	36.8	30.3	39.5	55.1	45.5	73.1	74.4	65.4	36.4	61.9
District of Columbia	37.5	39.6	32.7	32.6	30.1	37.1	65.1	48.4	71.3	74.4	69.7	41.9	65.6
Duval County, FL	15.6	17.8	20.0	11.1	8.9	20.0	40.0	42.2	75.6	82.6	76.1	20.5	67.4
Eaton Consortium, MI	25.0	16.7	0.0	29.2	8.3	16.7	66.7	70.8	100.0	83.3	62.5	45.8	42.3
Fort Worth, TX	51.4	51.4	50.7	32.0	35.1	43.4	55.1	53.1	72.6	86.1	82.5	59.6	57.8
Gaston County, NC	50.0	50.0	52.6	20.0	25.0	40.0	65.0	40.0	70.0	85.0	85.0	20.0	52.6
Genesee Consortium, MI	15.8	15.8	10.5	21.1	15.8	31.6	52.6	42.1	63.2	52.6	63.2	26.3	58.8
Hillsborough County, FL	19.1	26.7	13.7	19.8	12.6	20.8	39.6	27.8	60.6	78.9	64.4	19.3	46.3
Houston, TX	75.4	70.9	66.8	58.7	55.6	85.9	86.9	67.9	91.4	91.1	92.4	61.3	70.1
Los Angeles, CA	61.7	63.8	60.5	63.0	59.3	69.1	82.0	69.9	82.1	82.1	81.0	65.3	80.5
Nashville, TN	18.8	29.2	25.4	12.2	13.0	35.5	65.9	40.8	93.6	89.9	86.1	23.6	43.3
New York City, NY	37.8	37.9	33.1	30.6	23.1	36.4	43.8	35.3	45.4	42.9	41.1	32.0	75.7
Newark, NJ	35.0	41.4	36.0	38.6	31.6	31.5	70.0	43.0	73.6	73.6	77.0	41.4	42.8
Oakland, CA	47.2	45.9	42.2	28.8	25.3	50.6	59.1	51.3	63.4	64.1	68.4	51.5	83.2
Orange County, FL	4.1	0.0	3.9	2.0	2.0	16.3	40.6	17.9	59.3	52.0	48.1	1.8	32.0
Palm Beach County, FL	54.3	51.5	45.7	33.1	34.2	54.6	70.3	60.1	76.6	78.7	76.1	49.3	55.8
Pasco County, FL	32.1	28.6	21.4	25.0	21.4	28.6	51.9	37.0	82.1	82.1	75.0	53.6	53.8
Philadelphia, PA	20.5	20.3	16.2	22.4	10.8	28.6	62.9	39.7	80.0	83.6	78.3	32.5	34.5
Portland, OR	3.1	0.0	3.4	0.0	0.0	9.8	48.1	20.6	85.7	69.1	59.8	11.6	22.3
San Diego, CA	37.4	42.1	31.0	27.0	24.5	45.9	62.4	52.1	62.8	68.8	66.8	45.4	93.5
San Francisco, CA	31.8	31.8	33.3	24.8	19.7	37.0	50.9	35.5	50.9	43.6	40.0	24.6	91.2
Seattle, WA	18.5	14.8	3.7	7.4	0.0	34.6	63.0	37.0	92.3	80.8	69.2	19.2	80.0
Shelby County, TN	39.4	35.7	30.5	30.6	27.6	35.9	66.2	55.5	82.1	85.7	82.1	30.4	64.8
Spartanburg Consortium, SC	46.4	46.4	46.4	46.4	39.3	53.6	62.5	64.3	69.2	76.8	60.7	53.6	55.9
Median	36.2	37.8	32.9	27.9	23.8	37.1	62.7	44.2	74.6	79.8	70.0	35.0	59.0
Range	3.1-75.4	0.0-70.9	0.0-66.8	0.0-63.0	0.0-59.3	9.8-85.9	39.6-86.9	17.9-70.8	45.4-100.0	42.9-93.4	40.0-92.4	1.8-65.3	22.3-93.5
TERRITORIAL SURVEY													
Puerto Rico	94.6	78.5	63.4	70.7	49.1	83.4	47.4	14.2	33.4	42.9	29.8	43.8	95.2

* Such as Youth Risk Behavior Survey data or fitness data.

† Among schools that engaged in an improvement planning process during the past year.

‡ Survey did not include schools from Chicago Public Schools.

TABLE 57. Percentage of Secondary Schools That Did Activities Related to Local Wellness Policies During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Reviewed district's local wellness policy	Helped revise district's local wellness policy	Communicated to school staff about district's local wellness policy	Communicated to parents and families about district's local wellness policy	Communicated to students about district's local wellness policy	Measured school's compliance with district's local wellness policy	Developed an action plan to meet requirements of district's local wellness policy
STATE SURVEYS							
Alabama	76.9	45.6	73.1	63.2	66.4	64.5	47.3
Alaska	61.0	28.0	59.3	51.4	51.6	45.7	29.2
Arizona	75.5	50.7	71.8	61.3	55.8	53.2	41.9
Arkansas	99.0	91.8	88.2	83.0	77.8	91.3	89.8
Connecticut	81.1	54.4	69.9	65.1	60.7	57.6	45.9
Delaware	77.5	58.4	75.2	73.4	71.6	67.4	58.5
Florida	86.1	30.2	84.0	65.0	67.1	57.5	46.7
Georgia	79.9	51.9	69.3	61.8	61.7	62.9	54.6
Hawaii	75.2	23.2	65.8	56.2	57.7	55.5	36.5
Idaho	87.1	57.7	71.8	59.4	59.8	69.0	53.9
Illinois*	80.6	60.0	70.7	62.4	56.1	58.0	50.1
Indiana	92.1	67.0	84.5	71.7	72.2	68.4	55.2
Iowa	86.7	73.6	76.6	65.5	60.7	59.4	54.1
Kansas	91.1	75.2	83.0	66.1	62.4	71.1	56.3
Kentucky	95.2	63.3	81.5	73.6	74.8	76.9	62.3
Louisiana	72.7	36.1	69.1	62.2	61.3	50.8	39.4
Maine	90.4	61.6	81.5	62.8	62.5	54.9	40.6
Maryland	84.3	29.9	81.8	66.9	68.3	56.2	48.9
Massachusetts	90.1	60.6	76.4	70.2	68.2	61.4	52.4
Michigan	77.7	54.3	64.8	61.3	59.4	51.5	45.7
Minnesota	92.4	79.2	85.8	69.5	66.4	71.4	66.9
Mississippi	91.4	73.4	84.1	78.1	79.7	76.7	69.3
Missouri	91.6	78.3	87.3	73.1	72.6	69.5	65.5
Montana	82.8	58.0	75.8	57.6	59.8	55.8	42.8
Nebraska	92.8	74.0	91.4	70.3	75.2	76.1	64.3
Nevada	86.9	23.6	83.1	65.3	74.0	66.1	50.2
New Hampshire	96.6	73.3	93.6	83.1	82.2	72.9	59.0
New Mexico	80.0	56.5	76.4	64.5	64.9	57.7	52.9
New York	75.8	53.5	68.2	61.3	62.4	60.0	54.0
North Carolina	66.5	31.5	60.1	49.7	52.8	43.1	34.3
North Dakota	84.8	49.0	73.0	65.6	65.0	55.7	43.7
Ohio	84.0	60.0	73.7	61.6	61.7	58.6	50.6
Oklahoma	92.3	81.2	85.4	76.9	80.4	77.9	65.4
Oregon	77.2	40.0	66.8	53.4	51.4	47.9	34.7
Pennsylvania	75.9	55.4	70.2	61.8	61.9	54.9	42.5
Rhode Island	83.5	64.9	80.0	70.7	73.3	57.6	48.8
South Carolina	83.2	46.7	73.8	63.9	67.7	62.0	52.6
Tennessee	84.7	51.9	77.0	66.2	68.7	68.6	56.9
Texas	82.6	63.0	78.0	73.5	70.7	64.5	58.4

TABLE 57. Percentage of Secondary Schools That Did Activities Related to Local Wellness Policies During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Reviewed district's local wellness policy	Helped revise district's local wellness policy	Communicated to school staff about district's local wellness policy	Communicated to parents and families about district's local wellness policy	Communicated to students about district's local wellness policy	Measured school's compliance with district's local wellness policy	Developed an action plan to meet requirements of district's local wellness policy
Utah	84.1	33.1	77.9	64.6	62.7	57.3	42.3
Vermont	85.9	59.3	72.1	53.6	46.6	46.0	33.2
Virginia	79.1	38.1	71.4	57.4	60.0	47.4	32.9
Washington	63.8	30.5	49.2	46.1	42.8	38.5	30.5
West Virginia	91.8	50.2	81.0	61.4	66.6	65.3	55.2
Nationwide	80.5	52.5	72.2	63.3	62.1	58.3	49.4
Range	61.0-99.0	23.2-91.8	49.2-93.6	46.1-83.1	42.8-82.2	38.5-91.3	29.2-89.8
DISTRICT SURVEYS							
Albuquerque, NM	66.2	18.6	71.4	53.8	45.7	39.1	34.4
Boston, MA	94.3	33.7	75.9	59.7	65.9	77.3	76.9
Broward County, FL	86.6	10.6	77.0	67.8	69.1	48.0	38.0
Chicago, IL	86.0	25.3	83.0	80.4	77.5	77.8	62.4
Cleveland, OH	74.7	18.2	57.0	46.0	55.0	36.4	23.2
District of Columbia	89.1	25.1	57.3	61.6	61.5	51.0	44.6
Duval County, FL	70.2	23.4	74.5	59.6	66.0	38.3	34.0
Eaton Consortium, MI	52.2	52.2	34.8	43.5	34.8	26.1	17.4
Fort Worth, TX	83.1	26.9	73.7	64.9	77.2	52.5	60.4
Gaston County, NC	60.0	20.0	50.0	40.0	40.0	45.0	30.0
Genesee Consortium, MI	94.7	63.2	84.2	68.4	73.7	68.4	52.6
Hillsborough County, FL	66.8	17.3	60.9	46.4	54.8	49.6	35.4
Houston, TX	83.3	23.5	78.1	69.5	66.4	55.9	42.2
Los Angeles, CA	83.3	34.2	71.6	68.4	72.3	58.7	55.6
Nashville, TN	66.7	26.1	52.3	36.6	32.3	51.5	31.0
New York City, NY	58.9	20.3	47.4	50.3	49.9	47.9	38.3
Newark, NJ	69.9	11.7	67.0	59.1	64.5	48.7	32.4
Oakland, CA	70.4	20.6	54.7	42.6	42.6	28.2	32.0
Orange County, FL	92.8	29.2	92.2	67.2	77.0	62.9	51.7
Palm Beach County, FL	90.9	40.0	89.7	67.0	72.8	68.6	58.7
Pasco County, FL	92.9	25.0	92.9	89.3	71.4	89.3	75.0
Philadelphia, PA	66.1	18.0	55.2	51.6	49.1	43.9	29.4
Portland, OR	72.5	15.5	47.4	42.1	51.7	24.5	20.0
San Diego, CA	89.3	66.5	91.1	79.9	82.4	76.7	85.5
San Francisco, CA	87.5	9.6	81.3	63.1	77.5	42.4	32.1
Seattle, WA	53.8	19.2	42.3	50.0	38.5	34.6	19.2
Shelby County, TN	76.8	25.2	68.4	64.5	66.2	50.9	37.0
Spartanburg Consortium, SC	92.6	67.6	75.0	61.8	61.8	50.0	48.5
Median	80.0	24.2	71.5	60.6	65.2	49.8	37.5
Range	52.2-94.7	9.6-67.6	34.8-92.9	36.6-89.3	32.3-82.4	24.5-89.3	17.4-85.5
TERRITORIAL SURVEY							
Puerto Rico	70.5	43.1	26.5	50.2	22.7	28.0	82.4

* Survey did not include schools from Chicago Public Schools.

TABLE 58. Percentage of Secondary Schools That Took Actions Related to Before- or After-School Activities During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020

Site	Included before- or after-school settings as part of the School Improvement Plan	Encouraged before- or after-school program staff or leaders to participate in school health council, committee, or team meetings	Partnered with community-based organizations to provide students with before- or after-school programming	Provided parents with information about before- or after-school programs available in the community
STATE SURVEYS				
Alabama	53.9	37.6	34.5	69.8
Alaska	52.7	35.1	37.0	72.1
Arizona	44.8	41.0	36.3	59.1
Arkansas	50.4	43.2	33.0	62.9
Connecticut	39.3	44.3	57.0	77.7
Delaware	44.5	52.8	51.0	70.1
Florida	49.5	41.2	49.9	69.5
Georgia	54.7	37.4	55.1	66.0
Hawaii	60.4	54.8	61.0	77.5
Idaho	36.2	32.8	39.3	60.6
Illinois*	32.5	35.6	39.7	62.0
Indiana	34.4	41.8	53.4	68.4
Iowa	23.8	29.3	39.7	53.1
Kansas	30.3	29.3	29.0	49.8
Kentucky	56.5	56.7	51.2	76.5
Louisiana	44.9	33.1	40.3	51.8
Maine	23.9	32.0	43.6	72.5
Maryland	54.0	53.1	52.2	73.6
Massachusetts	41.2	48.6	56.7	79.8
Michigan	50.9	44.6	49.0	67.9
Minnesota	30.1	43.0	42.0	73.5
Mississippi	34.8	43.0	33.9	60.5
Missouri	44.6	43.7	37.4	65.2
Montana	39.5	47.2	39.6	63.7
Nebraska	32.0	40.2	35.2	58.6
Nevada	61.5	33.8	42.6	66.7
New Hampshire	12.1	47.1	56.4	78.4
New Mexico	37.7	43.1	45.0	66.8
New York	34.4	58.5	66.4	79.7
North Carolina	28.5	25.6	43.5	51.9
North Dakota	32.8	35.4	27.9	64.2
Ohio	26.5	36.2	41.1	60.0
Oklahoma	28.1	40.5	40.2	47.3
Oregon	44.9	41.0	49.2	77.0
Pennsylvania	24.0	43.4	46.3	60.4
Rhode Island	53.5	55.7	57.7	74.0
South Carolina	43.9	41.1	36.0	65.9
Tennessee	57.7	50.5	53.5	76.4
Texas	58.7	48.6	40.9	58.3
Utah	43.9	39.9	39.9	65.4

TABLE 58. Percentage of Secondary Schools That Took Actions Related to Before- or After-School Activities During the Past Year, Selected U.S. Sites: School Health Profiles, Principal Surveys, 2020 (continued)

Site	Included before- or after-school settings as part of the School Improvement Plan	Encouraged before- or after-school program staff or leaders to participate in school health council, committee, or team meetings	Partnered with community-based organizations to provide students with before- or after-school programming	Provided parents with information about before- or after-school programs available in the community
Vermont	36.9	38.9	45.9	79.5
Virginia	42.7	31.9	46.1	67.0
Washington	41.2	30.8	43.5	72.7
West Virginia	35.5	43.4	46.9	71.4
Nationwide	40.0	41.4	45.0	64.1
Range	12.1-61.5	25.6-58.5	27.9-66.4	47.3-79.8
DISTRICT SURVEYS				
Albuquerque, NM	28.4	36.8	47.0	92.5
Boston, MA	43.8	56.4	77.2	73.1
Broward County, FL	51.0	49.5	52.2	64.1
Chicago, IL	77.0	67.4	74.9	77.2
Cleveland, OH	45.7	37.1	61.9	73.7
District of Columbia	40.6	32.1	71.0	74.4
Duval County, FL	45.7	46.8	55.3	67.4
Eaton Consortium, MI	61.9	19.0	90.5	71.4
Fort Worth, TX	37.6	46.3	45.8	65.4
Gaston County, NC	50.0	26.3	52.6	47.6
Genesee Consortium, MI	31.6	63.2	57.9	73.7
Hillsborough County, FL	34.6	31.9	34.8	70.6
Houston, TX	80.1	73.9	55.3	76.3
Los Angeles, CA	64.3	59.0	74.8	86.6
Nashville, TN	72.8	50.7	67.8	53.0
New York City, NY	39.5	59.3	74.5	81.9
Newark, NJ	79.2	33.6	86.0	81.7
Oakland, CA	61.1	66.6	67.5	67.7
Orange County, FL	40.3	55.4	72.1	61.5
Palm Beach County, FL	70.7	51.3	46.3	79.9
Pasco County, FL	37.0	40.7	35.7	81.5
Philadelphia, PA	53.7	41.3	74.6	73.0
Portland, OR	37.9	26.4	82.3	90.4
San Diego, CA	43.5	54.6	77.5	87.0
San Francisco, CA	35.1	66.6	84.4	89.7
Seattle, WA	77.8	63.0	81.5	80.8
Shelby County, TN	49.5	45.0	53.3	61.9
Spartanburg Consortium, SC	43.3	47.2	40.3	70.8
Median	45.7	48.3	67.7	73.7
Range	28.4-80.1	19.0-73.9	34.8-90.5	47.6-92.5
TERRITORIAL SURVEY				
Puerto Rico	49.5	54.5	15.5	69.1

* Survey did not include schools from Chicago Public Schools.

