

bridging the gap

Research Informing Policies & Practices
for Healthy Youth

School District Wellness Policies: Evaluating Progress and Potential for Improving Children's Health Eight Years after the Federal Mandate

VOLUME 4

2006 - 2007
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SCHOOL YEARS

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**NATIONAL
WELLNESS**
POLICY STUDY


Robert Wood Johnson
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About Bridging the Gap and the National Wellness Policy Study

Bridging the Gap is a nationally recognized research program of the Robert Wood Johnson Foundation dedicated to improving the understanding of how policies and environmental factors affect diet, physical activity and obesity among youth, as well as youth tobacco use. The program identifies and tracks information at the national, state, community and school levels; measures change over time; and shares findings that will help advance effective solutions for reversing the childhood obesity epidemic and preventing young people from smoking. Bridging the Gap is a joint project of the University of Illinois at Chicago's Institute for Health Research and Policy and the University of Michigan's Institute for Social Research. For more information, visit www.bridgingthegapresearch.org.

The National Wellness Policy Study continues the work on school wellness policies that was started by Bridging the Gap and continues to track state laws and district wellness policies into future school years. In addition, the National Wellness Policy Study collects qualitative information to evaluate the perspectives of key stakeholders directly involved in student health and wellness. For more information, visit www.go.uic.edu/NWPSproducts.

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NATIONAL WELLNESS POLICY STUDY

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Executive Summary

In the United States, obesity rates among children have remained high and unchanged since 2003-2004,¹ creating a new generation at a greater risk for health problems later in life.² Schools play an important role in promoting health and preventing obesity among youth. Schools can provide a healthy environment where children can consume nutritious meals and get regular physical activity. However, poor nutrition and physical activity behaviors have been linked to poor academic performance.³⁻⁷ As a result, creating a healthy school environment is critical for improving children's health and addressing the nation's childhood obesity academic.

Federal Requirement for School District Wellness Policies

In 2004, Congress included language in the Child Nutrition and WIC Reauthorization Act of 2004⁸ that required school districts participating in the National School Lunch Program or other Child Nutrition Programs to adopt and implement a wellness policy by the first day of the 2006-07 school year. The Healthy, Hunger-Free Kids Act of 2010⁹ continued this requirement and required the U.S. Department of Agriculture to develop regulations that provide a framework and guidelines for local wellness policies that include, at a minimum:

- *goals for nutrition promotion and education;*
- *goals for physical activity and other school-based activities that promote student wellness;*
- *nutrition guidelines for all foods and beverages available on each school campus during the school day that are consistent with federal school meal standards and standards for foods and beverages sold outside of school meal programs (i.e., “competitive foods and beverages”);*
- *permission for stakeholders (parents, students, teachers, school food authority, school board, school administrators, and the public) to participate in policy development, review, and updates;*
- *a requirement for the district to inform and update the community about the policy's content and implementation;*
- *a requirement for the district to periodically measure and make available to the public an assessment on implementation, including school compliance, alignment with model wellness policies, and a description of progress made in attaining the wellness policy goals; and*
- *designating one or more district and/or school officials responsible for ensuring school-level compliance with the wellness policy.*

Most recently in FY 2015, 30.5 million students participated in the National School Lunch Program^{10,11} and 14.1 million participated in the School Breakfast Program.^{10,12} Additional federal rules on student wellness continue to be promulgated. During school year 2012-13, new standards for school meals were implemented; for school year 2014-15 (one year following this study) Smart Snacks standards for competitive foods and beverages took effect (see [Section 5. Future Research](#)); and USDA is soon expected to release its wellness policy final rule.

Report Overview

This report updates data published in February 2013,¹³ and is the most comprehensive, ongoing, nationwide evaluation of written school district wellness policies. It includes data from school years 2006-07 through 2013-14, the first eight years following the required implementation date for wellness policies. Using a nationally representative sample of school districts, this report provides details about the characteristics of these districts as well as the individual components of wellness policies and related provisions. New to this report are data that evaluate the comprehensiveness and strength of wellness policies across all policy categories based on district characteristic. Comprehensiveness and strength scores were computed on a scale of 0 to 100. A comprehensiveness score of 100 indicates that all items for a given topic were addressed, while a strength score of 100 indicates that all items for a given topic were required.

Major Findings

By the beginning of school year 2013-14, 95% of districts nationwide had adopted a wellness policy. Nevertheless, the inclusion of the required policy components continued to vary greatly, with nutrition education, physical activity, school meals, and implementation and evaluation provisions the most common and competitive food guidelines the least. Across all years, district wellness policies addressed a varied number of components (comprehensiveness), but they were weak (strength) overall.

Notably, all types of districts, regardless of size, racial/ethnic composition, free- and reduced-price lunch participation rates, locale, or region, saw improvement in the comprehensiveness and strength of their policies over the eight-year period. However, for school year 2013-14 we saw statistically significant within-category differences in the comprehensiveness and strength of the policies in terms of racial/ethnic composition, district size, and region. Specifically, wellness policies in majority Hispanic districts were significantly more comprehensive and stronger than majority White districts; small districts' policies were significantly less comprehensive and weaker than large districts; and policies in the Midwest and the South were significantly less comprehensive and weaker than policies in the West.

Nutrition Education

Nutrition education provisions have become more prevalent since first required during the 2006-07 school year. As of school year 2013-14, 93% of district policies addressed goals for nutrition education. However, details on curriculum and the latest techniques for teaching nutrition education continue to be under-addressed.

Policy Opportunities

- Develop nutrition education curriculum for all grade levels
- Expand policies to address nutrition education through school gardens programs
- Ensure that all teachers receive training in nutrition education concepts

School Meals

Updated federal nutrition standards for school meals were implemented during the 2012-13 school year, and 86% of district policies provided assurances that meals would meet these during school year 2013-14. Although progress has been made in incorporating more school meal

requirements in wellness policies since first evaluated during the 2006-07 school year, policies have recently begun to level off in what is addressed and at what strength.

Policy Opportunities

- Provide students with adequate time for meals
- Ensure that recess is held before lunch
- Improve communication of school nutrition information to families
- Increase percentage of districts with closed campus policies

Competitive Foods and Beverages

The federal mandate requires that wellness policies include nutrition guidelines for all foods available during the school day. Although the competitive food landscape has improved overall since school year 2006-07, it has become stagnant since school year 2008-09. What items are restricted and at which location of sale vary greatly. Moreover, certain venues such as class parties and fundraisers remain the least regulated. At the same time, policies often varied across grade levels, with competitive food regulations seen most often at the elementary school level, followed by middle, and then high school. While new federal Smart Snacks regulations took effect school year 2014-15 (see [Section 5. Future Research](#)), the information included herein provides baseline data for competitive food policies immediately prior to implementation of the federal rule.

Policy Opportunities

- Implement and strengthen nutrient standards for class parties
- Improve the school fundraiser environment

Physical Activity and Physical Education

Since the start of school year 2006-07, the percent of districts that include goals for physical activity has increased, as has the percent addressing physical education. Nevertheless, provisions continue to vary greatly. Policies regulating the amount of time for physical activity were seen most often at the elementary school level, although the Physical Activity Guidelines for Americans recommend 60 minutes of physical activity per day for all school-aged children.^{14,15} Moreover, policies addressing the required time for physical education that meet national standards¹⁶ has remained relatively unchanged and weak since 2006-07.

Policy Opportunities

- Require time for physical education that meets national standards
- Require school districts to provide daily recess for elementary school students
- Expand policies to include community use of physical activity facilities
- Ensure qualified persons teach physical education
- Expand policies to include safe routes to school provisions

Staff Wellness and Modeling

Provisions related to staff wellness and modeling, including providing physical activity and wellness programs for staff, continued to be under-addressed at the start of school year 2013-14.

Policy Opportunity

- Encourage staff wellness and healthy modeling behaviors

Communication and Stakeholder Input

Although six key stakeholders are required to develop, review, and update wellness policies under the federal mandate,⁹ many districts are failing to include all six. Interestingly, a greater percentage of districts require all stakeholders in the development of the wellness policy than in updating the wellness policy. The federal wellness policy proposed rule would add an additional two stakeholders to the requirements of the Healthy, Hunger-Free Kids Act.¹⁷

Policy Opportunity

- Update policies to include new stakeholders

Marketing and Promotion

The percent of district policies addressing the marketing of foods and beverages has significantly increased since the 2006-07 school year; however, room for growth remains. Although an improvement, the percent of districts restricting unhealthy marketing or promoting healthy choices remain low. The federal wellness policy proposed rule would require stricter standards.¹⁷

Policy Opportunity

- Restrict unhealthy marketing and promote healthy behaviors

Implementation and Evaluation

The percent of district policies addressing implementation and evaluation provisions has increased since the 2006-07 school year, as has the strength of these policies. However, as the overall text of wellness policies remains weak, this translates into district policies requiring plans to implement otherwise weak policies related to wellness.

Policy Opportunities

- Update wellness policies to include new evaluation and revision requirements
- Districts should promote the creation of school health councils

Reporting

District policies did not frequently address reporting provisions by the start of the 2013-14 school year. More districts than ever before required that wellness policies be posted on websites or elsewhere on campus, yet the percent of district policies addressing either of such actions fell below 15%.

Policy Opportunity

- Reporting on wellness topics can help identify school health challenges

Section 1. Introduction

In the United States, obesity rates among children have remained high and unchanged since 2003-2004, and in the most recently published data from 2013-2014¹ there are significant ethnic and racial disparities as well. Obese children and adolescents are more likely to have risk factors for cardiovascular disease and prediabetes and are at greater risk of bone and joint problems, sleep apnea, and psychological problems related to self-esteem. Research indicates that children and adolescents who are obese tend to become adults who are obese and are at elevated risk for a variety of serious health problems that include but are not limited to heart disease, type 2 diabetes, stroke, several types of cancer, and osteoarthritis.² Research also shows that overweight and obese children¹⁸ and adolescents¹⁹ tend to miss more school, which may affect academic performance.²⁰ Additionally, poor nutrition and physical activity behaviors are linked with poor academic performance.^{3-7,21}

Many leading health authorities, including the Institute of Medicine (IOM), recognize the important role schools play in promoting health and preventing obesity among youths. Schools serve as a fundamental setting for providing children and adolescents with a healthy environment where they can consume nutritious meals, snacks and beverages; get regular physical activity; and learn about the importance of lifelong healthy behaviors.²²⁻²⁴ A growing body of evidence shows that school-based policies regarding foods, beverages, and physical activity are significantly related to calories consumed and expended by school-age children, and to their weight and body mass index levels.²⁵⁻³⁰ As such, creating a healthy school environment is critical for improving children's health and addressing the nation's childhood obesity epidemic.

Federal Requirement for School District Wellness Policies

Beginning with school year 2006–07, the Child Nutrition and WIC Reauthorization Act of 2004 (P.L. 108-265, Section 204) required school districts participating in the National School Lunch Program (NSLP; [42 U.S.C.1751 et seq.]) or other Child Nutrition Programs (42 U.S.C. 1771 et seq.), such as the School Breakfast Program, to adopt and implement a wellness policy. The Healthy, Hunger-Free Kids Act of 2010 (P.L. 111-296) continued this requirement and, for the first time, required the U.S. Department of Agriculture (USDA) to develop regulations that provide a framework and guidelines for local wellness policies that include, at a minimum:

- *goals for nutrition promotion and education;*
- *goals for physical activity and other school-based activities that promote student wellness;*
- *nutrition guidelines for all foods and beverages available on each school campus during the school day that are consistent with federal school meal standards and standards for foods and beverages sold outside of school meal programs (i.e., “competitive foods and beverages”);*
- *permission for stakeholders (parents, students, teachers, school food authority, school board, school administrators, and the public) to participate in policy development, review, and updates;*
- *a requirement for the district to inform and update the community about the policy's content and implementation;*

- *a requirement for the district to periodically measure and make available to the public an assessment on implementation, including school compliance, alignment with model wellness policies, and a description of progress made in attaining the wellness policy goals; and*
- *designating one or more district and/or school officials responsible for ensuring school-level compliance with the wellness policy.*

In 2012, the USDA issued a final rule updating meal patterns and nutrition standards for the National School Lunch and School Breakfast Programs.³¹ “Nutrition Standards in the National School Lunch and Breakfast Programs” aligned meal standards with those outlined by the Dietary Guidelines for Americans³² and required schools to increase the availability of fruits and vegetables, whole grains, and low-fat and fat-free milk. The school meal final rule also restricted the levels of sodium, saturated fat, and trans-fat in school meals and set grade level-specific calorie requirements. School districts were required to comply with the revised federal meal standards by July 1, 2012.

Building on the revised school meal standards, and under the authority of the Healthy, Hunger-Free Kids Act, in 2014 the USDA issued an interim final rule that established nutrition standards for all foods and beverages sold in schools.³³ Commonly referred to as the “Smart Snacks” standards, these standards apply to foods and beverages sold in school vending machines, stores, a la carte lines, and fundraisers during the school day. The Smart Snacks’ standards set nutrient restrictions for calories, sugar, sodium, fat, trans fat, and saturated fat and mandate that only water, 100% juice, unflavored low-fat milk, and flavored or unflavored fat-free milk can be sold in schools (with certain exceptions at the high school level). These standards were required to be implemented by school districts beginning in the 2014-15 school year, the year following the data presented in this report (see [Section 5. Future Research](#)).

In 2014, the USDA issued a proposed rule under Section 204 of the Healthy, Hunger-Free Kids Act to expand and strengthen wellness policy implementation guidelines. The proposed rule, “Local School Wellness Policy Implementation Under the Healthy, Hunger-Free Kids Act of 2010,”¹⁷ establishes a framework for local school wellness policy content and includes provisions to improve stakeholder participation in policy development, improve policy evaluation and reporting requirements, and restrict marketing of unhealthy foods and beverages on school campuses. The comment period for this rule ended on April 28, 2014, and a final rule is forthcoming (see [Section 5. Future Research](#))

Collectively, these federal rules and standards have significant potential for improving school nutrition and physical activity environments for millions of students nationwide. The federal wellness policy mandate is required for all districts participating in the National School Lunch Program or other federal Child Nutrition Programs including the School Breakfast Program, Child and Adult Care Food Program, Fresh Fruit and Vegetable Program, Special Milk Program, and Summer Food Service Program.³⁴ Most recently in FY 2015, 30.5 million students participated in the National School Lunch Program^{11,35} and 14.1 million participated in the School Breakfast Program.^{12,35}

Report Overview

This report updates data published in February 2013,¹³ and is the most comprehensive, ongoing, nationwide evaluation of written wellness policies. It includes data from school years 2006-07 through 2013-14, the first eight years following the required implementation date for wellness policies. The major findings and trends presented identify areas where progress has been made in adopting and strengthening the written policies, as well as opportunities for improvement. The findings presented in this report are based on analyses of wellness policies covering approximately 41-45 million public school students nationwide each year.

The data contained in this report contribute to the analysis and development of federal wellness and school nutrition policies in several ways. First, this report captures data for both the years prior to and after the adoption of the Healthy, Hunger-Free Kids Act of 2010, which extended the federal wellness policy mandate and required the USDA to develop regulations for wellness policy implementation. Second, this report is especially relevant to USDA's new rule for competitive foods and beverages (i.e., "Smart Snacks"), as it contains in-depth data for competitive food and beverage restrictions within district wellness policies through school year 2013-14, the school year immediately before the new guidelines were implemented. Third, this report provides data to track where districts stand relative to likely forthcoming requirements outlined in the USDA-issued proposed wellness policy rule. In addition, this report helps inform future policies for preventing childhood obesity and will be useful to advocates and state and local officials seeking to create a healthier school environment.

The remainder of this report is organized into the following sections:

- **Section 2** provides an overview of the study methodology and includes Table 1 which provides information on the sociodemographic characteristics of the districts studied across all school years, 2006-07 through 2013-14.
- **Section 3** describes overall and topic-specific wellness policy comprehensiveness and strength (defined in Section 2) including a discussion of how policy comprehensiveness and strength vary by district sociodemographic characteristics.
- **Section 4** presents data on district policy content and identifies policy opportunities for each of the wellness policy areas studied:
 - Nutrition education
 - School meals
 - Competitive foods and beverages
 - Physical activity and physical education
 - Staff wellness and modeling
 - Communication and stakeholder input
 - Marketing and promotion
 - Implementation and evaluation
 - Reporting requirements
- **Section 5** summarizes future research recommendations.
- **Appendix** include detailed tables to supplement the findings presented in Sections 3 and 4. The tables cover three main categories: overall policy comprehensiveness and strength (Appendices A and D), policy content across the wellness policy elements (Appendices B and E), and specific policy content relative to competitive food and beverage standards (Appendices C and F). Tables in Appendices A-C are weighted to reflect the proportion of districts nationwide, while tables in Appendices D-F are weighted to reflect the proportion of public school students nationwide enrolled in district with a given policy component or the average comprehensiveness and strength of policies to which students nationwide are exposed.

Section 2. Study Overview

Methodology

This study examined hard copies of written policies obtained via Internet research and direct communication with public school districts located in 47 of the 48 contiguous states and the District of Columbia. The study included cross-sectional, nationally representative samples of 579, 641, 592, 622, 679, 698, 708, and 798 public school districts for each school year, inclusive of school years 2006-07 through 2013-14, respectively. The day after Labor Day of each year was used as a proxy for the first day of the school year. A 94 percent response rate was achieved for school years 2006-07, 2007-08, 2010-11, and 2013-14; a 95 percent response rate was achieved for school years 2011-12 and 2012-13; and a 97 percent response rate was achieved for school years 2008-09 and 2009-10.

For purposes of this study, **WELLNESS POLICY** was defined to include: 1) the actual district wellness policy; 2) the associated administrative policies, including implementation regulations, rules, procedures, or administrative guidelines; and 3) any district, state, or model policies that were referenced within the wellness policy or administrative documents.

All policies were analyzed by two trained analysts using an adaptation of a wellness policy coding scheme developed by Schwartz et al.³⁶ and originally presented in Chriqui et al.³⁷ The full coding tool used for each year is available on the [Bridging the Gap website](#). All policy provisions were coded for their applicability at the elementary, middle, and high school grade levels. For purposes of this study, grades 1-5 were used as a proxy for the elementary school level of applicability, grades 6-8 for the middle school level of applicability, and grades 9-12 for the high school level of applicability. Additionally, the review of overall nationwide progress in Section 3 and Appendices [A](#) and [D](#) include average data across all grade levels of applicability.

Assessing Policy Strength

For each policy provision examined, data are presented on the percentage of districts or students with: 1) a strong policy; 2) a weak policy; or 3) no policy. We defined **STRONG POLICY PROVISIONS** as those that were definitely required and specified an implementation plan or strategy. Strong policy provisions included language such as *shall*, *must*, *will*, *require*, *comply*, and *enforce*. For the competitive food and beverage topic, we also differentiated strong policies that were required and either 1) met the 2007 IOM competitive food and/or beverage standards³⁸ or 2) had a weaker requirement that did not meet the IOM standards. We defined **WEAK POLICY PROVISIONS** as those that included vague terms, suggestions or recommendations, as well as those that required action, but noted exceptions for certain grade levels or certain times of day. Weak policy provisions included language such as *should*, *might*, *encourage*, *some*, *make an effort to*, *partial*, and *try*.

In addition to coding individual policy provisions, overall and topic-specific (e.g., nutrition education, school meals, physical activity) comprehensiveness and strength scores were computed. **COMPREHENSIVENESS SCORES** were computed by counting the number of

provisions with either weak or strong policies, dividing by the number of provisions coded, and multiplying by 100. **STRENGTH SCORES** were calculated by counting the number of provisions with strong policies, dividing by the number of provisions coded, and multiplying by 100. For instance, six provisions were coded for nutrition education in school years 2006-07 through 2013-14 (school gardens is not counted as it was only coded starting in the 2008-2009 school year). If a district's policy addressed three of these provisions, with strong policies for two of the three, then its nutrition education comprehensiveness score (i.e., addressed provisions) would be 50 out of 100 (three divided by six times 100) and its nutrition education strength score (i.e., required provisions) would be 33.33 out of 100 (two divided by six times 100).

For all topics except reporting requirements, the comprehensiveness and strength scores were based on those provisions coded for all study years, 2006-07 through 2013-14. A total of 64 variables were included in these computations for all years. For the reporting requirements topic area, the comprehensiveness and strength scores were computed based on variables coded for school years 2010-11 through 2013-14 as these variables were only added to the scheme for the 2010-11 school year.

This report concludes with a series of tables (see [Appendix](#)). All tables are presented first using weighted percentages of *districts* nationwide with each policy provision (Appendices [A](#), [B](#), [C](#)), then weighted to the percentage of public school *students* nationwide located in a district with a given policy component (Appendices [D](#), [E](#), [F](#)). New to this report are tables in Appendices [A](#) and [D](#), which provide comprehensiveness and strength scores across all policy categories based on district characteristic. Consistent with prior volumes,^{13,37,39} tables in Appendices [B](#) and [E](#) summarize wellness policy data from school year 2006-07 through school year 2013-14. In addition, tables in Appendices [C](#) and [F](#) provide detailed competitive food and beverage content restrictions by location of sale from school year 2008-09 through school year 2013-14. Findings are based on a nationally representative sample of school districts each year.

District Characteristics

A summary of the characteristics of the districts included in the study by year is provided in Table 1. These data are weighted to represent districts nationwide. The district characteristics presented in Table 1 and included in Appendices [A](#) and [D](#) were obtained from the National Center for Education Statistics (NCES) Common Core of Data.⁴⁰⁻⁴² Contemporaneous data from the same school year were used for all district characteristics, with the exception of expenditure on instruction per pupil shown in Table 1, where expenditure data from the 2013-14 school year were not available and 2012-13 data were used instead. Following the approach used by O'Malley et al. in their analysis of school characteristics associated with secondary (i.e., middle and high school) student obesity rates,⁴³ data on the proportion of students that were white, African-American, or Hispanic/Latino were computed to identify whether the student population was: majority white ($\geq 66\%$ white), majority African-American ($\geq 50\%$ African-American) or majority Hispanic/Latino ($\geq 50\%$ Hispanic/Latino). Districts with diverse student populations represented the remaining districts. The percent of students eligible for free and reduced-price lunch (FRL) has been used as a proxy for socioeconomic status within districts.⁴⁴ FRL is based on verified family income or categorical eligibility based on household participation in other federal assistance programs, including the Supplemental Nutrition Assistance Program and Temporary Assistance for Needy

Families.⁴⁵ Groupings of FRL and district size (measured by total student enrollment in grades PK-12) were computed as tertiles by year.

Table 1. Characteristics of the Districts Studied by School Year

| <i>Characteristic</i> | SCHOOL YEAR | | | | | | | |
|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | '06 – '07 | '07 – '08 | '08 – '09 | '09 – '10 | '10 – '11 | '11 – '12 | '12 – '13 | '13 – '14 |
| District Overview | | | | | | | | |
| # districts | 543 | 601 | 572 | 603 | 677 | 668 | 672 | 773 |
| # states represented by districts | 47 | 47 | 47 | 47 | 45 | 42 | 42+DC | 44+DC |
| Mean # schools per district | 7 | 7 | 7 | 8 | 7 | 7 | 7 | 7 |
| Mean # teachers per district | 224 | 236 | 236 | 240 | 238 | 232 | 235 | 230 |
| Mean expenditure on instruction/pupil (\$)† | 5566.14 | 6154.95 | 6439.49 | 6658.96 | 6498.07 | 7070.14 | 7006.29 | 6482.62 |
| Race/Ethnicity (% of districts) | | | | | | | | |
| Maj. White (≥66%) | 74 | 73 | 70 | 67 | 68 | 66 | 65 | 60 |
| Maj. African-American (≥50%) | 5 | 5 | 5 | 8 | 8 | 5 | 5 | 8 |
| Maj. Hispanic/Latino (≥50%) | 7 | 7 | 4 | 7 | 7 | 10 | 10 | 10 |
| Mixed | 14 | 16 | 21 | 18 | 18 | 20 | 20 | 22 |
| Socioeconomic Status* (% of districts) | | | | | | | | |
| Low FRL (High SES) | 37 | 31 | 31 | 33 | 38 | 35 | 31 | 32 |
| Mid FRL (Middle SES) | 29 | 32 | 39 | 36 | 32 | 35 | 36 | 35 |
| High FRL (Low SES) | 34 | 37 | 31 | 31 | 30 | 30 | 33 | 33 |
| Locale (% of districts) | | | | | | | | |
| Large- to mid-size city | 10 | 10 | 9 | 12 | 12 | 10 | 12 | 13 |
| Suburb | 21 | 21 | 21 | 22 | 22 | 24 | 25 | 26 |
| Rural | 46 | 45 | 50 | 51 | 46 | 46 | 43 | 40 |
| Township | 23 | 24 | 20 | 15 | 20 | 20 | 20 | 21 |
| District Size† | | | | | | | | |
| Mean # of students (PK-12) | 3702 | 4008 | 3609 | 3740 | 3694 | 3681 | 3692 | 3715 |
| % small sized districts | 69 | 71 | 68 | 69 | 57 | 58 | 59 | 55 |
| % medium sized districts | 25 | 21 | 25 | 24 | 31 | 29 | 28 | 29 |
| % large sized districts | 6 | 8 | 7 | 7 | 13 | 13 | 13 | 16 |
| Region (% of districts) | | | | | | | | |
| West | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Midwest | 38 | 36 | 37 | 37 | 37 | 37 | 37 | 37 |
| South | 25 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Northeast | 20 | 22 | 23 | 22 | 23 | 22 | 22 | 22 |

Contemporaneous data from the National Center for Education Statistics were used for all district characteristics, with the exception of expenditure on instruction per pupil, where expenditure data from the 2013-14 school year were not available and 2012-13 data were used instead. Other than the number of districts studied and the number of states represented, all computations were weighted to represent districts nationwide.

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

* Free/reduced-price lunch eligibility proportion cutpoints: Year 1 (Low: < 28.18%, medium: 28.18-46.40%, high: ≥46.40%); Year 2 (Low: < 28.19%, medium: 28.19-47.81%, high: ≥47.81%); Year 3 (Low: < 29.65%, medium: 29.65-50.55%, high: ≥50.55%); Year 4 (Low: < 34.05%, medium: 34.05-56.70%, high: ≥56.70%); Year 5 (Low: < 33.51%, medium: 33.51-52.83%, high: ≥52.83%); Year 6 (Low: < 32.62%, medium: 32.62-54.30%, high: ≥54.30%); Year 7 (Low: < 35.97%, medium: 35.97-58.50%, high: ≥58.50%); Year 8 (Low: < 37.17%, medium: 37.17-59.88%, high: ≥59.88%).

† District size cutpoints (based on number of students): Year 1 (Low: < 2309.90, medium: 2309.90-12114.20, high: ≥ 12114.20); Year 2 (Low: < 2210.70, medium: 2210.70-10807.12, high: ≥ 10807.12); Year 3 (Low: < 2063.04, medium: 2063.04-9867.00, high: ≥ 9867.00); Year 4 (Low: < 2494.62, medium: 2494.62-9314.80, high: ≥ 9314.80); Year 5 (Low: < 1673.92, medium: 1673.92-5715.94, high: ≥ 5715.94); Year 6 (Low: < 1891.41, medium: 1891.41-5825.72, high: ≥ 5825.72); Year 7 (Low: < 1907.30, medium: 1907.30-5831.40, high: ≥ 5831.40); Year 8 (Low: < 1561.77, medium: 1561.77-4848.66, high: ≥ 4848.66).

Section 3. Comprehensiveness and Strength of Wellness Policies

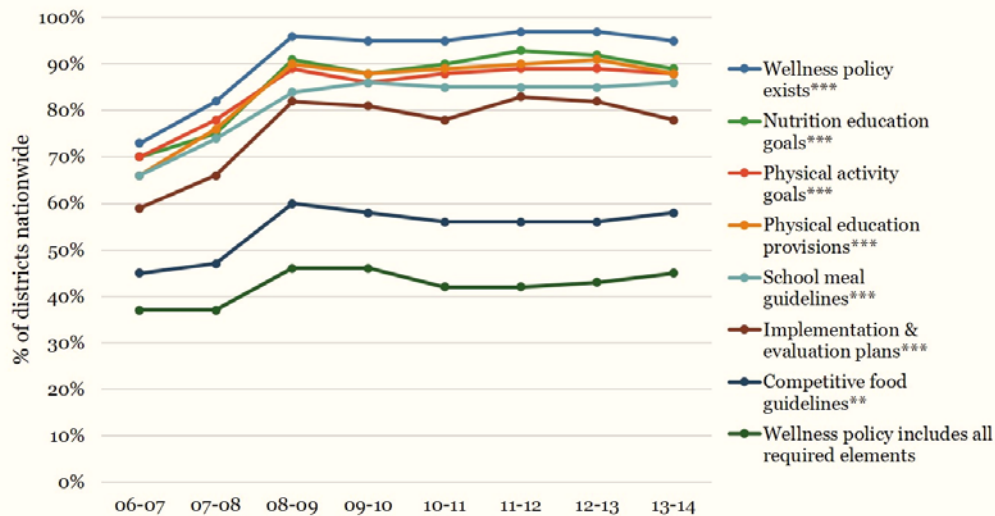
The following sections highlight progress made to implement, strengthen, and/or increase the comprehensiveness of wellness policy elements between school years 2006-07 and 2013-14. The data presented in [Appendix A](#) represents the mean comprehensiveness and strength scores based on the weighted percentage of public school *districts* nationwide. However, student-weighted data (as presented in prior volumes^{13,37,39}) that illustrate the mean comprehensiveness and strength scores of the percentage of *students* enrolled in public school districts nationwide can also be found in [Appendix D](#).

Five specific district characteristics were evaluated based on comprehensiveness and strength, including race/ethnicity, socioeconomic status, locale, district size, and region. Free and reduced-price lunch eligibility was used to measure socioeconomic status.⁴⁴ For example, low free and reduced-price lunch eligibility corresponded to high socioeconomic status while high free and reduced-price lunch eligibility corresponded to low socioeconomic status.

Overall Progress

As of the beginning of school year 2013-14, 95% of districts nationwide had adopted a wellness policy (Figure 1). However, inclusion of the required policy components varied greatly and over time. The most commonly required components were nutrition education, physical activity, school meals, and implementation and evaluation provisions. Competitive food guidelines continued to remain the least incorporated component.

Figure 1. Progress in Adopting District Wellness Policies and Required Policy Components, School Years 2006-07 through 2013-14



Significant change from SY 06-07 to 13-14 at p<.01 level. *Significant change from SY 06-07 to 13-14 at p<.001 level. Data reflect policies in place as of the first day of each school year.

Source: National Wellness Policy Study and Bridging the Gap, Institute for Health Research and Policy, University of Illinois at Chicago, 2016

Wellness Policy Comprehensiveness and Strength

Comprehensiveness and strength scores were computed on a scale ranging from 0 to 100. A **COMPREHENSIVENESS SCORE** of 100 indicates that all items for a given topic were *addressed* in the policy. A **STRENGTH SCORE** of 100 indicates that all items for a given topic were definitely *required*. Overall, the comprehensiveness and strength of wellness policies have improved since the 2006-07 school year. However, as of school year 2013-14, across all topic areas just under one-half of all provisions were addressed and provisions were definitely required just over one-quarter of the time. Although progress has been made, both scores remain low (see Figures 2 and 3 on the next page).

Key Findings by Topic Area ([Appendix A](#))

- *Nutrition Education* continued to be the most comprehensively addressed component of wellness policies in the 2013-14 school year,¹³ with over half of all nutrition education topics addressed in district policies nationwide. Nutrition education provisions were also the strongest overall (the most likely to be required among all other wellness policy components). Nutrition education tended to be addressed less often in majority African-American districts at the elementary and middle school levels. Notably, among socioeconomic status levels, nutrition education provisions had the strongest language in high socioeconomic districts compared to those with middle or low socioeconomic status.
- Wellness policy provisions related to *school meals* continued to be addressed more often, with comprehensiveness scores increasing from 31.70 to 45.78 from school year 2006-07 to 2013-14. Almost one-quarter of all provisions were required as of the 2013-14 school year, which despite representing an improvement, shows that provisions remain weak overall. Interestingly, free and reduced price lunch eligibility was not associated with stronger or more comprehensive policies related to school meals.
- *Competitive food and beverage* provisions remained weak, with a strength score of only 17.56 for school year 2013-14. However, about half of all provisions were addressed. As was seen for overall scores, large school districts had the strongest and most comprehensive competitive food provisions as compared to medium and small districts. At the same time, districts in the Midwest and in the South had weaker competitive food policies than districts in the West.
- Comprehensiveness and strength scores in the area of *physical education* have increased since school year 2006-07, however there is still room for improvement. As of school year 2013-14, on average, over 60% of physical education items examined were still not addressed in district policies nationwide. Provisions were also weak, with less than one-quarter actually required. Physical education provisions were addressed most often in the West, and were stronger and more comprehensive in majority Hispanic/Latino districts than in majority white districts.

Figure 2. Wellness Policy Comprehensiveness Scores, School Years 2006-07 through 2013-14

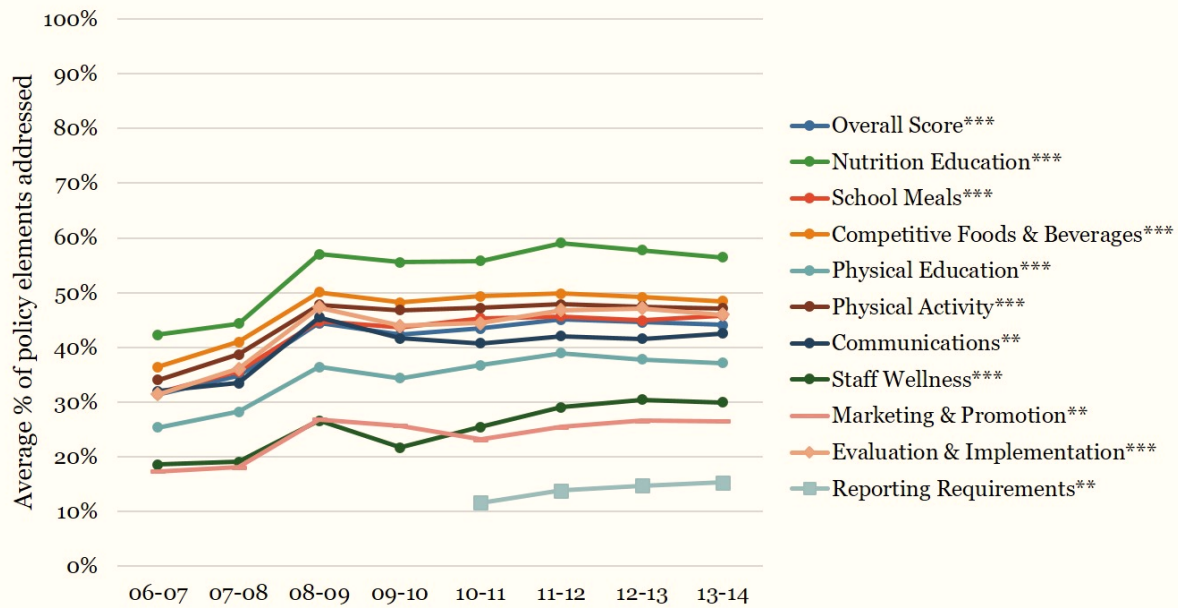
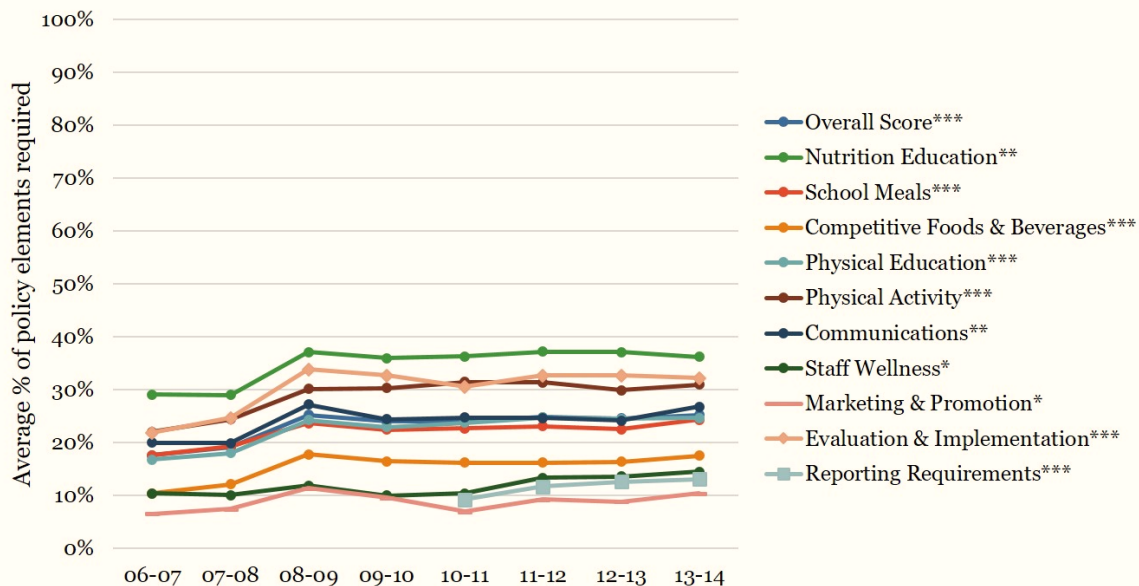


Figure 3. Wellness Policy Strength Scores, School Years 2006-07 through 2013-14



Note: Reporting requirements was added in SY 2010-11. Data reflect policies in place as of the first day of each SY.
 Significant change from SY 06-07 to 13-14 at $p < .01$ level. *Significant change from SY 06-07 to 13-14 at $p < .001$ level.
 Source: National Wellness Policy Study and Bridging the Gap, Institute for Health Research and Policy, University of Illinois at Chicago, 2016

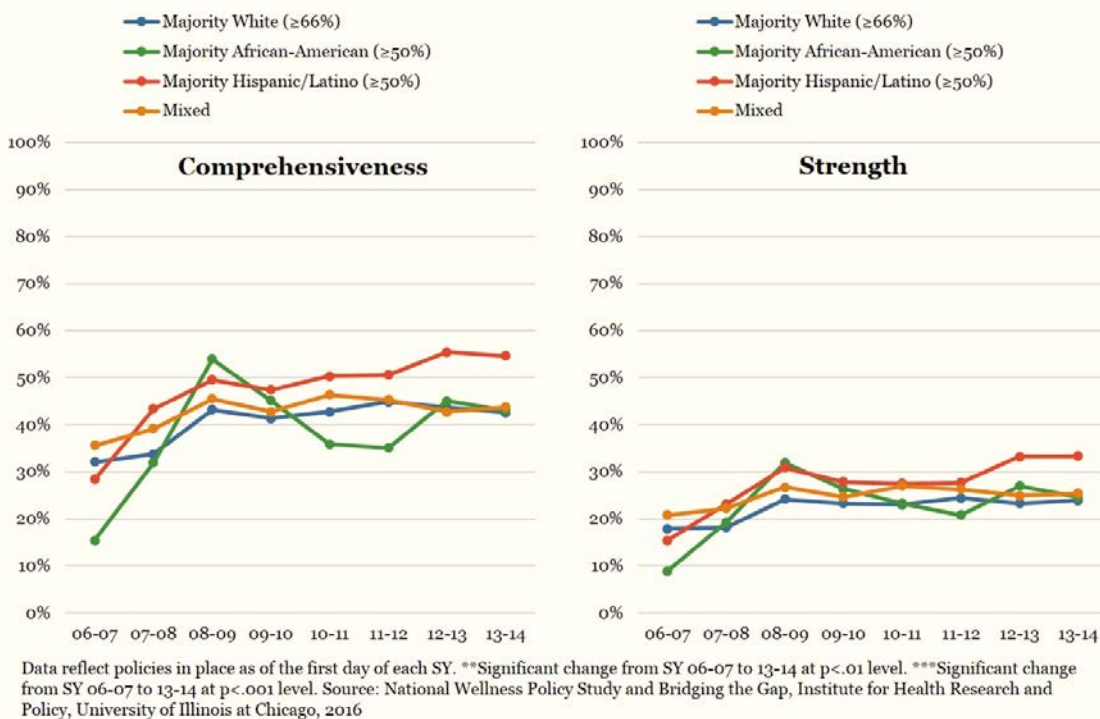
- *Physical activity* provisions were addressed much more often at the start of the 2013-14 school year as compared to school year 2006-07, however they remained weak overall. Moreover, small districts had significantly weaker physical activity provisions than large districts.
- Provisions related to *communication and stakeholder involvement* improved over the last eight years, but remained weak and were addressed only 40% of the time on average as of school year 2013-14.
- *Staff wellness* provisions were addressed more often as of school year 2013-14 than school year 2006-07, but still were only addressed around 30% of the time and remained one of the weakest sets of wellness policy provisions. Staff wellness policies have become stronger at the high school level, however similar statistically significant changes were not seen at the elementary and middle school levels. Regionally, districts in the South were significantly less comprehensive and strong when it came to staff wellness provisions than districts in the West.
- Although the wellness policy proposed rule¹⁷ would restrict marketing in schools to foods and beverages that align with Smart Snacks, *marketing and promotion* provisions remained weak at the start of school year 2013-14, showing little improvement over the past 8 years. Comprehensiveness scores climbed slightly from 17.32 as of school year 2006-07 to 26.48 as of school year 2013-14. However, statistically significant increases in strength were seen only at the high school level. Importantly, marketing provisions were more comprehensive and strong in the West compared to districts in the Midwest and South.
- *Evaluation and implementation* of wellness policies remain one of the most often addressed component areas, with a comprehensiveness score of 45.99 in the 2013-14 school year. However, although strength scores improved from 21.86 in school year 2006-07 to 32.25 in school year 2013-14, such provisions have room for improvement. Moreover, as most other wellness policy components remain weak overall, the result is strong implementation plans for otherwise weak policies.
- Finally, not much has changed since *reporting* provisions were first analyzed at the start of the 2010-11 school year.¹³ Reporting provisions remained the least addressed and one of the weakest of all wellness policy components for school year 2013-14. However, much like evaluation and implementation provisions, reporting provisions may expand as the wellness policy final rule reporting requirements are implemented.

Key Findings by District Characteristic ([Appendix A](#))

Significant improvement was seen across the board in comprehensiveness and strength scores over the last eight years, regardless of district characteristic. Nearly every type of district saw an increase in comprehensiveness and strength since school year 2006-07; however, regardless of district characteristic, policies were much more comprehensive than they were stringent (strength) over time.

Consistent with prior years,³⁷ wellness policies tended to be more comprehensive and strong in majority Hispanic/Latino districts as compared to majority white districts (see Appendix A and Figure 4). Majority African-American districts saw great improvement in overall scores between school years 2006-07 and 2013-14, where comprehensiveness scores increased from 15.35 to 43.02 and strength scores increased from 8.88 to 24.59, although as with districts nationally, they were still weak overall.

Figure 4. Wellness policy comprehensiveness vs. strength by district racial composition, SY 06-07 through 13-14



Interestingly, all districts, regardless of free and reduced-price lunch eligibility, saw improvement over the last eight years. Moreover, there was no significant difference in wellness policy comprehensiveness or strength by free and reduced price lunch eligibility status (i.e., the scores were not statistically higher in high socioeconomic districts with low free- and reduced price lunch eligibility as compared to low socioeconomic districts with high free- and reduced price lunch eligibility) as of school year 2013-14 (see Figure 5).

Regionally, districts in the Midwest and South addressed fewer items in their policies and provisions were weaker than policies in the West and Northeast as of school year 2013-14 (see Figure 6).

Figure 5. District wellness policy comprehensiveness vs. strength by free and reduced-price lunch eligibility, SY 06-07 through 13-14

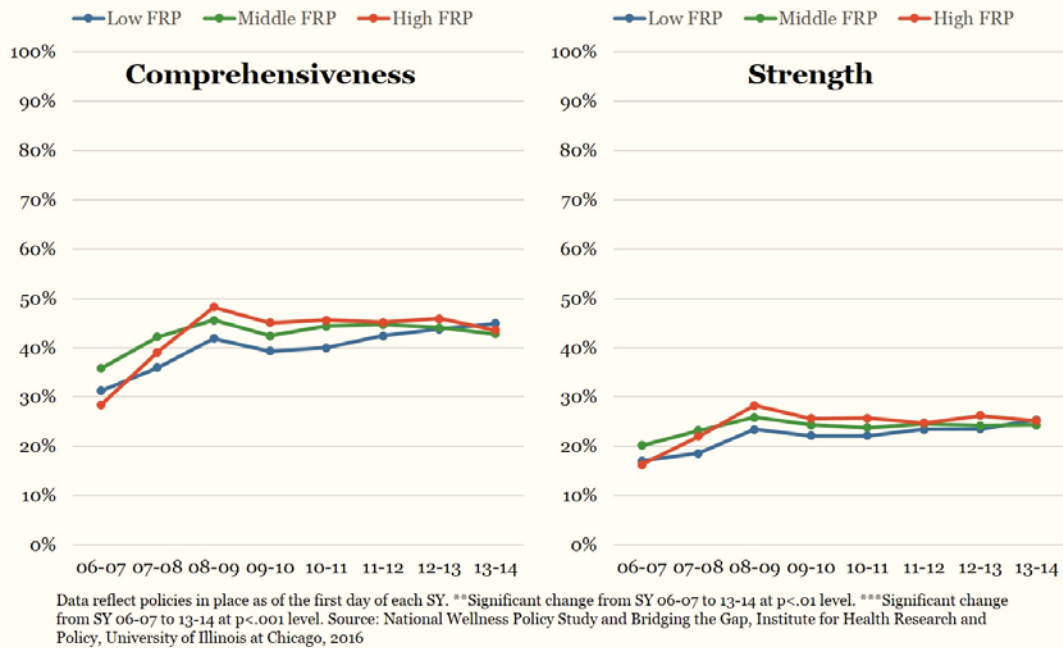
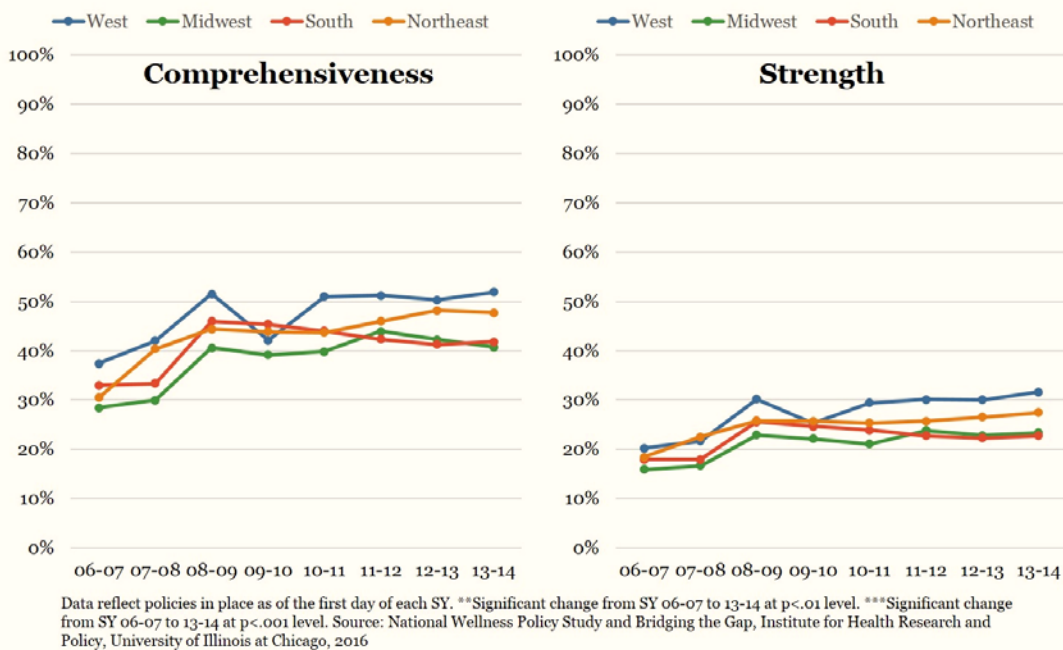
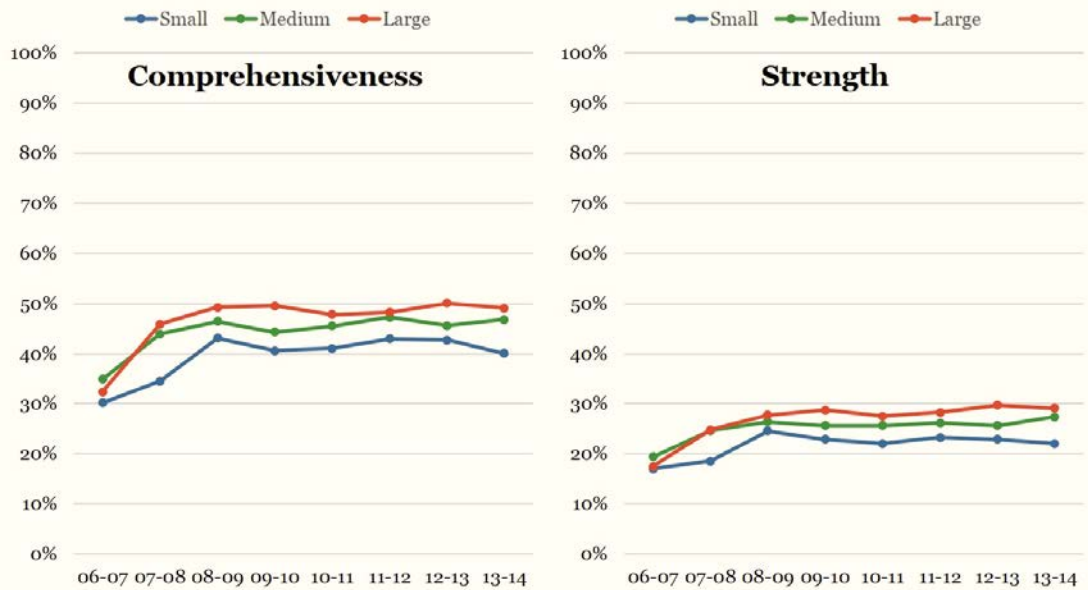


Figure 6. District wellness policy comprehensiveness vs. strength by region, SY 06-07 through 13-14



District locale also did not show significant differences over time, with the exception that rural districts were found to have somewhat weaker policies overall than districts in large to mid-size cities. Overall, small districts were less comprehensive and weaker than large districts (see Figure 7).

Figure 7. District wellness policy comprehensiveness vs. strength by district size, SY 06-07 through 13-14



Data reflect policies in place as of the first day of each SY. **Significant change from SY 06-07 to 13-14 at $p < .01$ level. ***Significant change from SY 06-07 to 13-14 at $p < .001$ level. Source: National Wellness Policy Study and Bridging the Gap, Institute for Health Research and Policy, University of Illinois at Chicago, 2016

Section 4. Key Findings of Wellness Policy Provisions

The following section details key findings from all wellness policy component areas evaluated from school year 2006-07 through 2013-14 using district weighted data from Appendices B and C:

- Nutrition education
- School meals
- Competitive foods and beverages
- Physical activity and physical education
- Staff wellness and modeling
- Communication and stakeholder input
- Marketing and promotion
- Implementation and evaluation
- Reporting

For each policy provision described, data are presented on the percentage of districts with: 1) a strong policy; 2) a weak policy; or 3) no policy. **STRONG POLICY** provisions were those that were definitely required and specified an implementation plan or strategy. Strong policy provisions included language such as *shall, must, will, require, comply, and enforce*. **WEAK POLICY** provisions were those that included vague terms, suggestions or recommendations, as well as those that required action, but noted exceptions for certain grade levels or certain times of the day. Weak policy provision included language such as *should, might, may, encourage, some, make an effort to, partial, and try*.

Nutrition Education

Goals for nutrition education were made a required element of local wellness policies by the Child Nutrition and WIC Reauthorization Act of 2004⁴⁶ and again by the Healthy, Hunger-Free Kids Act of 2010.⁹ Effective nutrition education provides students with the knowledge and skills to make healthier food choices.⁴⁷ Nutrition education provisions have become more prevalent since first required during the 2006-07 school year. Detailed data on all nutrition education provisions examined in this study can be found in Appendix B (district weighted) and Appendix E (student weighted). Key findings are below.

Key Findings (Appendix B)

- As of school year 2013-14, 93% of district policies addressed goals for nutrition education, a significant increase from school year 2006-07 when 72% of districts policies addressed goals for nutrition education.
- Three-quarters of district policies addressed teaching behavior-focused skills as part of nutrition education as of school year 2013-14. At the start of the 2006-07 school year, only slightly more than half of district policies included lessons on nutrition education skills.
- Although policies addressing nutrition education curricula for each grade became more prevalent over time, 26% of district policies still did not address this issue as of school year 2013-14.

- Approximately, half of all district policies addressed integrating nutrition education into other subjects at the start of school year 2013-14, a 10 percentage point increase since school year 2006-07.
- Eighty-six percent of districts still did not address school gardens in wellness policies at the start of the 2013-14 school year.
- In school year 2013-14, only 10% of district policies required and 30% recommended that teachers learn new nutrition education methods and teaching techniques through professional development and training.
- Policies specifying the number of nutrition education courses were seen most often at the high school level. Still, only 9% of district policies at the high school level suggested, and only 1% required, a certain amount of nutrition education courses or contact hours.

Policy Opportunities

Develop Nutrition Education Curriculum for all Grade Levels

Nutrition education is an important part of the new CDC coordinated school health model, “Whole School, Whole Community, Whole Child.”⁵⁵ Plenty of resources exist that could help school districts begin the process of developing a nutrition education curriculum for students in all grades.⁶³

Expand Policies to Address Nutrition Education through School Gardens Programs

Allowing children to grow their own produce in school gardens can positively impact their willingness to taste fruits and vegetables.⁷⁰ Nevertheless, very few districts have addressed gardens in their wellness policies, leaving room for more districts to implement programs at their schools.

Ensure That All Teachers Receive Training in Nutrition Education Concepts

Some research indicates that more training for classroom teachers in the area of nutrition education topics would be beneficial to improve classroom teachers’ confidence in teaching more detailed nutrition lessons and concepts to students.^{61,77} But with less than half of district wellness policies addressing nutrition education training for teachers at the start of the 2013-14 school year, districts could begin implementing programs to advance new techniques and methods to help teachers provide accurate nutrition education to students in the classroom.

School Meals

USDA school meal programs provide healthy opportunities for all children to eat breakfast and lunch during the school day. In addition, new federal nutrition standards for school meals³¹ were implemented during the 2012-13 school year to improve the school nutrition environment even more. In accordance with the federal wellness policy mandate, district wellness policies must include an assurance that school meals are meeting federal nutrition standards. Since this has been a requirement for all years, there has been progress in the area of school meals but policies have recently begun to level off in what is addressed and at what strength. Detailed data on all school meal provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings (Appendix B)

- Assurances that school meals meet federal requirements have increased significantly since school year 2006-07. Most recently, 86% of district policies required that school meal guidelines meet federal nutrition standards as of school year 2013-14.
- Although the percentage of districts with policies that address the School Breakfast Program has risen by 18 percentage points since school year 2006-07, there is still work to be done. About one-third of district policies still failed to address or otherwise implement aspects of the School Breakfast Program, although research shows that student participation is associated with increased academic grades, test scores, and reduced absenteeism.⁴⁸
- The Healthy, Hunger-Free Kids Act required that free potable water be made available where meals are served. However, only 16% of district wellness policies addressed providing free drinking water during mealtime at the start of school year 2013-14.
- Nutrition-related training for food service staff continued to be addressed more often as of school year 2013-14, with around 40% of districts at least suggesting that such professional development be provided. This is an improvement from the 2006-07 school year when only 23% of district policies addressed food service staff training.

Policy Opportunities

Provide Students with Adequate Time to Eat Meals

The American Academy of Pediatrics recommends that children receive 20 minutes for lunch and 10 minutes for breakfast.⁵⁹ Yet, as of school year 2013-14, only 11% of district policies required that students be given such time and 49% used weaker language to address the amount of time to eat at the start of the 2013-14 school year.

Ensure that Recess is Held before Lunch

Holding recess before lunch has been found to reduce the amount of plate waste and increase fruit and vegetable consumption.^{68,69} Yet, three-quarters of districts still did not adopt a policy even suggesting that recess be held before lunch to start school year 2013-14. Districts could adopt policies that address the timing of recess as an easy way to help create a healthier lunch setting.

Improve Communication of School Nutrition Information to Families

Research shows that parental perception of school meal nutritional quality is a significant predictor of whether students consume school meals.⁷⁵ This suggests that keeping parents informed of the nutritional quality of and changes to school meals is critical to a successful school meal program. Still, as of school year 2013-14 only 10% of district policies required that nutrition information be posted either in print or online.

Increase Percentage of Districts with Closed Campus Policies

High school students are more likely to consume food off campus when food is available.⁸¹ A closed campus policy over the lunch hour is associated with fewer lunch purchases at convenience stores and fast food restaurants by students.⁸² The benefit of students staying on campus to purchase meals is that there are regulated nutrition guidelines for meals that must be followed to benefit the health of each student. Ninety-four percent of districts failed to have a closed campus policy at the start of the 2013-14 school year. As a result, in the vast majority of districts students may leave campus for lunch.

Competitive Foods and Beverages

The Healthy, Hunger-Free Kids Act of 2010 continued the requirement that local education agencies develop nutrition guidelines for all foods available during the school day that promote student health and reduce childhood obesity.⁹ Beginning school year 2014-15, the implementation of Smart Snacks will provide federal requirements for what competitive foods may be sold on school campuses during the school day³³ (see Section 5. Future Research). The wellness policy proposed rule would likewise require that nutrition guidelines be consistent with the federal Smart Snack standards.¹⁷ However, the data presented here provide a baseline of competitive food and beverage standards in existence the year prior to implementation of the Smart Snacks rule.

Children consume approximately one-third of their daily food intake while at school.⁴⁹ Historically, when available, students were more likely to purchase foods and beverages that are high in calories, fats, and/or sugar.^{50,51} Called competitive foods because they compete with school meals, such choices are frequently found in venues that include vending machines, school stores, à la carte lines, class parties, and fundraisers.^{52,53}

Overall, the competitive food landscape has improved since school year 2006-07. Three key venues including vending machines, school stores, and à la carte lines have shown large increases in the percent of districts addressing what can be sold in their policies, with around one-quarter of all districts maintaining strong restrictions across these three venues. Detailed data on all competitive food provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). In addition, specifics on competitive food and beverage nutrient standards by venue can be found in [Appendix C](#) (district weighted) and [Appendix F](#) (student weighted). Key findings are below.

Key Findings—Competitive Food Access Restrictions (Appendix B)

- After a large increase in provisions from school year 2006-07 to 2008-09, competitive food requirements have remained fairly stagnant.
- As of school year 2013-14, 90% of districts had adopted nutrition guidelines for competitive foods and beverages. However, the details of what was restricted and where varied greatly.
- All locations of sale examined showed significant improvements over time.
- Vending machine, school store, and à la carte policies were seen most often at the elementary school level, followed by middle school, and then high school as of school year 2013-14. Class party and fundraisers were restricted more evenly across grade levels.
- The venue addressed most often at the start of school year 2013-14 was à la carte lines, which is not surprising considering federal limits on foods of minimal nutritional value during meal periods have been in place prior to the initial adoption of the wellness policy mandate.
- As of school year 2013-14, district policies provided weak restrictions for vending machines half of the time, with another one-quarter of policies maintaining strong restrictions on what could be sold.
- School stores were addressed 69% of the time as of school year 2013-14, a significant increase since the 2006-07 school year when they were addressed in only 55% of district policies.

- Class parties and fundraisers were the least regulated venues for school year 2013-14, as the percentage of districts failing to even mention the venue in their policies was around 40% each. However, since 2006-07, the percent of district policies with strong fundraiser provisions increased from 1% to 17% at the start of the 2013-14 school year.
- Although similar percentages of district policies regulated fundraisers in elementary and middle schools as of the 2013-14 school year, the distribution of weak versus strong policies differed greatly. At the elementary school level, 36% of policies were weak and 26% were strong, while at the middle school level 48% of policies were weak and only 14% of policies were strong.
- As of school year 2013-14, 1% of district policies prohibited the sale of competitive foods and beverages and 4% suggested a competitive food ban. Such bans were most likely to be seen at the elementary school level, where 10% of district policies at least recommended that no competitive foods or beverages be sold.
- More district policies than ever before (13%) prohibited the use of food as a reward as of school year 2013-14. And, nearly one-quarter of district policies recommended that the practice not be used. Both are an improvement since the 2006-07 school year when 76% of district policies were not regulating in this area at all.
- Nutrition information for competitive foods continued to be addressed less than 10% of the time by the start of school year 2013-14, as it has been for the past 8 years.

Key Findings—Competitive Food Content Restrictions (Appendix C)

- Around half or more of all district policies at the start of the 2013-14 school year had some measure in place to regulate sugar, fat, sugar content of beverages, and/or soda in vending machines, school stores, and à la carte lines.
- Of specific nutrition standards examined at the start of school year 2013-14, fat content of food was regulated the most often.
- In all venues, restrictions on soda were more common than those on other sugar-sweetened beverages (SSBs) across all years and by nearly a factor of two (65% vs. 32% of districts addressing the item) in the case of à la carte lines as of school year 2013-14.
- Restrictions on the fat content of milk were relatively uncommon across all venues at the start of the 2013-14 school year and have either stagnated or become less prevalent since the 2008-09 school year.
- Policies requiring water for sale in vending machines, school stores, and à la carte lines were only present in about half of districts at the start of the 2013-14 school year, and that prevalence has not changed significantly since the 2011-12 school year, when these provisions were first examined.
- Interestingly, some beverage restrictions in class parties became weaker since first examined during school year 2008-09. Specifically, sugar content of beverages, sugar-sweetened beverages other than soda, fat content of milk, and caffeine content saw significant decreases in the percent of district policies regulating these areas.

Policy Opportunities

Implement and Strengthen Nutrient Standards for Class Parties

Moving forward, foods and beverages distributed or given away during classroom parties have no regulation under the federal Smart Snacks in School rule.³³ Yet, during the 2013-2014 school year, 40% of district policies had no nutrient standards for class parties. In fact, classroom party regulations have actually gotten weaker, with fewer restrictions on the types of beverages that were allowed, including the sugar content of beverages, sugar sweetened beverages other than soda, fat content of milk, and caffeine. However, research has shown that schools with a district policy and state law working together to limit the types of foods and beverages at class parties were 2.5 times more likely to restrict sweets at parties than were schools without such policy or law in place.⁷² In order to successfully improve the entire school food environment, district wellness policies could include limits on what can be served to students during classroom celebrations.

Improve the School Fundraiser Environment

Restrictions on fundraisers continued to be weak and sporadically addressed.⁷⁶ Individual nutrition standards vary, but no more than 40% of district policies addressed any one nutrient standard evaluated here. During the 2014-15 school year, Smart Snacks standards will impose restrictions on fundraisers during the school day, with a certain number of state-approved exempt fundraisers³³ (see Section 5. Future Research). Healthier strategies to improve the fundraising environment could include adopting policies promoting non-food fundraisers or fundraisers that involve physical activity, adopting nutrition standards for fundraisers outside of the school day, and limiting the number of exempt fundraisers allowed, regardless of the number allowed by the state.⁸⁴

Physical Activity and Physical Education

The Physical Activity Guidelines for Americans recommend that school-aged children have at least 60 minutes of physical activity every day.^{14,15} Evidence shows that physical activity may help improve academic performance, including cognitive skills and attitudes.⁵⁴ Over the last 8 years, the percent of districts that include goals for physical activity has increased as has the percent addressing physical education. However, the quality and strength of individual components of programs have varied greatly.

The Healthy, Hunger-Free Kids Act of 2010 renewed the requirement that wellness policies require goals for physical activity. Physical education, although not required as part of the federal mandate, continues to be often addressed as an important component of providing adequate amounts of physical activity to students during the school day. Detailed data on all physical activity and physical education provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings (Appendix B)

- Physical activity and physical education provisions showed great improvement over the past 8 school years, however opportunities remain in certain areas.
- Provisions addressing physical education have become more prevalent since the 2006-07 school year. As of school year 2006-07, 66% of districts addressed physical education in their wellness policies, but by school year 2013-14, 88% of district policies were discussing physical education.
- Physical activity provisions have likewise increased, with the percent of districts without a policy dropping from 29% to 9% from school year 2006-07 to school year 2013-14.
- The amount of time for physical activity was addressed most often in elementary school, followed by middle school and then high school policies as of school year 2013-14.
- There was positive improvement over time in the percentage of district policies that at least recommended classroom breaks for physical activity throughout the school day.
- Annual fitness assessments have become more prevalent since the 2006-07 school year. However, 63% of districts still did not include such provisions in their wellness policies for school year 2013-14.
- Required time for physical education that meets national standards remained relatively unchanged and weak over the last eight school years. National standards for physical education recommend 150 minutes per week for elementary school students and 225 minutes per week for middle and high school students.¹⁶ As of school year 2013-14, only 15% of district policies even addressed time for physical education in high school, while 22% addressed time for physical education in middle school and 25% addressed time in elementary school.
- As of school year 2013-14, only 21% of district policies required daily recess for elementary school students.
- Although a significant improvement since school year 2006-07, around three-quarters of district policies still did not address shared or community use of facilities for physical activity at the start of school year 2013-14.
- As of school year 2013-14, engaging students in moderate to vigorous physical activity during physical education was addressed most often at the elementary school level.

Policy Opportunities

Require Time for Physical Education that Meets National Standards

National standards for physical education recommend that elementary students receive 150 minutes of physical education per week, while middle and high school students receive 225 minutes of physical education per week.¹⁶ Still, results from CDC's School Health Policies and Practices Study (SHPPS) 2014 found that less than 4% of schools met these national standards.⁶² Districts should work to implement these standards into their wellness policies to ensure that students receive enough time for physical education every week.

Require School Districts to Provide Daily Recess for Elementary School Students

In 2013, the American Academy of Pediatrics (AAP) released a policy statement highlighting the crucial role that recess plays in the school day for students. The AAP recognizes that recess is a necessary break for students to develop socially, emotionally, physically and cognitively. The AAP also recommends that structured physical education not take the place of unstructured recess times⁶⁴ although such substitutions are commonly seen.⁶⁷ At the start of the 2013-14 school year, only 21% of district policies require daily recess for elementary school students.

Expand Policies to Include Community Use of Physical Activity Facilities

Healthy People 2020 objectives call for increasing “the proportion of the Nation’s public and private schools that provide access to their physical activity spaces and facilities for all persons outside of normal schools hours (that is, before and after the school day, on weekends and during summer and other vacations).”⁷⁴ The low percentage of districts addressing community use of facilities may come from real and perceived concerns about safety, supervision, and liability issues.^{78,79} However, shared use agreements can create additional cost-effective opportunities for physical activity for students and the public.⁸⁰ Data from the CDC’s SHPPS 2012 found that among districts that have adopted a joint use agreement, 80 percent of them did address the use of indoor and outdoor recreation facilities.⁸³ Districts could pursue such partnerships and policies to allow increased access to school-based physical activity settings.

Ensure Qualified Persons Teach Physical Education

Trained physical education specialists are better equipped to help students meet physical education guidelines and can serve as a resource to classroom teachers in the implementation of classroom physical activity breaks and active recess periods.⁸⁵ As of school year 2013-14, nearly two-thirds of all district policies did not address a requirement that physical education be taught by a state-authorized physical education teacher.

Expand Policies to Include Safe Routes to School Provisions

Safe routes to school allow students to walk or bike to school with minimal barriers and create an additional opportunity for physical activity.¹⁵ Yet, less than 20% of districts addressed safe routes to school in their wellness policy at the start of the 2013-14 school year. Data from CDC’s SHHPS 2014 found that including practices such as instituting crossing guards, having bicycle racks, and providing promotional materials to students or families on walking or biking to school were associated with having 26% or more students who walk or bike to school.⁸⁶ In addition, schools are more likely to organize programs such as walking school buses where strong district policies on safe routes to school exist.⁸⁷ Previous monographs^{13,39} have already suggested that this is an area for districts to begin working to expand, and this continues to represent an important opportunity to promote active commuting among students.

Staff Wellness and Modeling

Creating physical activity opportunities for school staff and developing staff wellness programs leads to greater productivity, fewer absences, and a better support system for students' health and academic success.^{55,56} When staff members model healthy behaviors, students are also more likely to perform such healthy actions.^{57,58} Detailed data on all staff wellness provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings (Appendix B)

- Although there was some improvement since school year 2006-07, staff wellness continued to be under-addressed in school district wellness policies across the board for school year 2013-14.
- During the 2013-14 school year, 22% of district policies addressed providing physical activity opportunities for school staff, 29% addressed staff wellness programs, and 39% addressed staff role modeling healthy behaviors for students. Still, when included, provisions were often only suggested rather than required.
- At the high school level, there was a statistically significant increase in the percent of district policies that addressed staff wellness programs when comparing data from school year 2006-07 to 2013-14. Still, 70% of district policies did not address wellness programs for staff at the high school level at all during school year 2013-14. Moreover, such programs were addressed and required more often for the middle and high school levels than at the elementary school level.

Policy Opportunity

Encourage Staff Wellness and Healthy Modeling Behaviors

Staff wellness continued to be under-addressed in school district wellness policies. Yet, staff members are in a great position to role model healthy behaviors to encourage healthier practices in the student population.⁶¹ Research has shown that when teachers model healthy activities such as physical activity or consuming fruits and vegetables, students are more likely to also perform those behaviors.^{57,58}

Communication and Stakeholder Input

The Child Nutrition and WIC Reauthorization Act of 2004 required that six key stakeholders be involved in the development of the local wellness policy: parents, students, representatives of the school food authority, the school board, school administrators, and the public.⁴⁶ In 2010, the Healthy, Hunger-Free Kids Act continued this requirement and added that these same stakeholders be involved in the review and update of the wellness policy as well.⁹ The wellness policy proposed rule would require the addition of two new stakeholders, resulting in the required group of stakeholders to develop, review, and update local wellness policies to include: parents, students, representatives of the school food authority, *teachers of physical education, school*

health professionals, the school board, school administrators, and the public.¹⁷ However, many districts are still failing to address including even the original six stakeholders that have been required since 2006. Detailed data on all communication and stakeholder input provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings ([Appendix B](#))

- As of school year 2013-14, district policies were more likely to address ways to engage parents and the community to meet wellness goals than during past school years. Methods included newsletters, conferences, healthy school events and more.
- At the start of the 2013-14 school year, only 12% of district policies required that at least the original 6 key stakeholders be involved in wellness policy updates, yet 33% required that they be included in initial development of the wellness policy.

Policy Opportunity

Update Policies to Include New Stakeholders

Strong policies related to stakeholder involvement were seen at most one-third of the time. With new stakeholders potentially being added by the federal wellness policy proposed rule, now is a perfect time to rewrite provisions detailing who must be involved in development, review, and revision of wellness policies.¹⁷ Stakeholders from a variety of backgrounds are beneficial for a well-rounded wellness policy.^{65,66}

Marketing and Promotion

One of the major new provisions included in the proposed federal wellness policy rule is a requirement that the in-school marketing of foods and beverages be aligned with the nutrition standards of Smart Snacks.¹⁷ In addition, the CDC's "Whole School, Whole Community, Whole Child" model stresses the importance of marketing healthy choices to students.⁵⁵ With little regulation in this area now, new marketing provisions are great opportunities for districts to strengthen their wellness policies (see Section 5. Future Research). Detailed data on all marketing and promotion provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings ([Appendix B](#))

- Although the percent of district policies addressing the marketing of foods and beverages has significantly increased since the 2006-07 school year, room for growth remains.
- Only 14% of district policies had strong policies restricting the marketing of unhealthy foods and beverages on the school campus as of the 2013-14 school year, and even fewer (7%) required the promotion of healthy choices.
- Marketing provisions at the high school level have significantly increased since first evaluated at the start of the 2006-07 school year. At that time, 21% of district policies addressed marketing healthy choices while 32% addressed healthy marketing at the start of school year 2013-14. A significant increase was also seen over the same time period for restrictive

marketing of unhealthy choices, where the percent of district policies including provisions increased from 11% to 20%. Similar statistically significant increases were not seen at the elementary or middle school levels.

Policy Opportunity

Restrict Unhealthy Marketing and Promote Healthy Behaviors

Data from CDC's SHPPS 2012 found that in districts that at least recommended restricted promotional products, high school students had lower odds of regular soda consumption.⁶⁰ However, very few districts have included such restrictions in their wellness policies. As schools consider implementing the Whole School, Whole Community, Whole Child Model⁵⁵ and with the wellness policy proposed rule¹⁷ on the near horizon, now is the time for districts to adopt and implement such marketing restrictions and healthy marketing techniques.

Implementation and Evaluation

The requirements for implementation and evaluation of wellness policies have gone through a transformation since the first rendition in 2006. The Child Nutrition and WIC Reauthorization Act first required local education agencies to establish a plan for implementation.⁴⁶ Next, the Healthy, Hunger-Free Kids Act of 2010 required that local education agencies periodically measure and make available to the public an assessment on implementation.⁹ The wellness policy proposed rule would provide more stringent, detailed requirements including annual reports, triennial assessments, and updates to the wellness policy as necessary.¹⁷

Overall, improvement has been seen in this area along with an increase in the number of strong provisions requiring implementation and evaluation. However, as the actual text of wellness policies continues to be weak overall, this translates into districts requiring plans to implement otherwise weak policies related to wellness (see Section 3. Comprehensiveness and Strength of Wellness Policies). Detailed data on all implementation and evaluation provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings ([Appendix B](#))

- The percentage of district policies that required a plan for implementing the wellness policy increased from 56% as of school year 2006-07 to 78% as of school year 2013-14.
- Almost half of all district policies required the creation of an ongoing health advisory committee to guide wellness policy efforts as of the 2013-14 school year.
- Plans for evaluation and revision of wellness policies have been seen more often in wellness policies since the 2006-07 school year. However, as of school year 2013-14, only 11% of districts required an evaluation of specific outcomes such as health impact, student learning, or the School Health Index, and only 32% required a process for revising the wellness policy.

Policy Opportunities

Update Wellness Policies to Include New Evaluation and Revision Requirements

Requirements for evaluation and revision of wellness policies are items slated for updates in the federal wellness policy proposed rule.¹⁷ Such provisions have increasingly been addressed since the beginning of the wellness policy mandate, but still have room for expansion. Districts should begin looking into their current requirements and drafting new evaluation and revision plans that are in line with the proposed wellness policy rule.

Districts Should Promote the Creation of School Health Councils

School health councils can help promote a healthier school environment through assessments of the current health status of the school and making policy recommendations.⁷¹ In fact, policies that require a school health or advisory council tend to also have more comprehensive approaches to school wellness.⁷³ Still, around half of all districts are missing out on this valuable wellness policy asset.

Reporting

Although reporting on wellness policy progress has not often been seen as a strong requirement,¹³ the wellness policy proposed rule would require districts to inform and update the public about wellness policy content and progress towards meeting goals.¹⁷ In addition, the proposed rule would require districts to report a web address where the local wellness policy could be found and/or how to receive access to a copy.¹⁷ While districts did not frequently address reporting provisions by the start of the 2013-14 school year, promulgation of the wellness policy proposed rule will likely have substantial effects in this area (see Section 5. Future Research). Detailed data on all reporting provisions examined in this study can be found in [Appendix B](#) (district weighted) and [Appendix E](#) (student weighted). Key findings are below.

Key Findings (Appendix B)

- Although more districts than ever before required that wellness policies be posted on their websites or elsewhere on campus as of school year 2013-14, the percent of district policies addressing either of such actions still fell below 15%.
- At the start of school year 2013-14, nearly one-quarter of district policies required a report to the public on wellness policy implementation and over one-half required a report on wellness policy compliance.
- Although still not addressed very often, topics most commonly addressed in 2013-14 reports included nutrition quality of the school meal program, competitive foods and beverages sold, and items such as the latest School Health Index.

Policy Opportunity

Reporting on Wellness Topics Can Help Identify School Health Challenges

Rarely reported were items such as physical education and physical activity requirements, results of fitness assessments, or school meal program participation. All of these topics can help identify weaknesses and improve health and fitness levels among students in districts so that targeted efforts can be made to revise district wellness policies accordingly.

Section 5. Future Research

The National Wellness Policy Study team has been collecting nationally representative data on written district policies applicable at the elementary, middle, and high school levels on an annual basis since the 2006-07 school year, the first year of the federal wellness policy mandate.^{13,37,39} With the start of Smart Snacks implementation during school year 2014-2015, and the wellness policy final rule forthcoming, it is essential that wellness policies continue to be evaluated to track progress and opportunities.

Forthcoming reports from the National School Wellness Policy Study team will provide vital data on the first year of Smart Snacks³³ implementation and will provide a baseline for alignment with the wellness policy proposed rule if promulgated.¹⁷ These studies will provide important information on the process of implementation, lessons learned, and ways to successfully implement school wellness programs with limited resources. More information about these studies and more is available at <http://www.ihrp.uic.edu/content/research-products-national-wellness-policy-study>.

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Appendix

District-weighted Comprehensiveness and Strength Scores across Policy Categories

New to this year’s report are data from school years 2006-07 through 2013-14 on the comprehensiveness and strength of wellness policy elements across all categories by district characteristic. Table A-1 represents the mean comprehensiveness and strength scores based on the weighted percentage of public school *districts* nationwide across all grades. Tables A-2, A-3, and A-4 represent mean comprehensiveness and strength scores based on weighted percentage of public school *districts* in elementary, middle, and high schools, respectively.

Table A-1. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, District Weighted, All Grades, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 31.35 | 42.29 | 44.08 | .000*** | 17.65 | 24.05 | 25.27 | .000*** |
| Nutrition Education | 42.24 | 55.50 | 56.45 | .000*** | 29.14 | 35.95 | 36.26 | .003** |
| School Meals | 31.70 | 43.65 | 45.78 | .000*** | 17.66 | 22.43 | 24.37 | .000*** |
| Competitive Foods & Beverages | 36.39 | 48.19 | 48.45 | .000*** | 10.44 | 16.46 | 17.56 | .000*** |
| Physical Education | 25.28 | 34.36 | 37.09 | .000*** | 16.78 | 23.00 | 24.66 | .000*** |
| Physical Activity | 33.99 | 46.76 | 47.06 | .000*** | 22.06 | 30.30 | 31.00 | .000*** |
| Communication & Stakeholders | 31.98 | 41.59 | 42.48 | .001** | 19.97 | 24.40 | 26.78 | .005** |
| Staff Wellness | 18.53 | 21.65 | 29.87 | .000*** | 10.45 | 10.01 | 14.51 | .019* |
| Marketing & Promotion | 17.32 | 25.67 | 26.48 | .001** | 6.60 | 9.62 | 10.39 | .033* |
| Evaluation & Implementation | 31.40 | 43.87 | 45.99 | .000*** | 21.86 | 32.68 | 32.25 | .000*** |
| Reporting Requirements | -- | 11.59 | 15.23 | .001** | -- | 9.29 | 13.12 | .000*** |

| SCORES BY DISTRICT CHARACTERISTICS | | | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 32.05 | 41.28 | 42.56 | .000*** | Referent | 17.86 | 23.22 | 23.88 | .000*** | Referent |
| Maj. African-American (≥50%) | 15.35 | 45.11 | 43.02 | .002** | .897 | 8.88 | 26.36 | 24.59 | .005** | .738 |
| Maj. Hispanic/Latino (≥50%) | 28.32 | 47.35 | 54.58 | .000*** | .000*** | 15.38 | 27.86 | 33.26 | .000*** | .000*** |
| Mixed | 35.56 | 42.67 | 43.71 | .011* | .576 | 20.81 | 24.68 | 25.36 | .035* | .295 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 31.21 | 39.31 | 44.93 | .000*** | Referent | 17.04 | 22.15 | 25.37 | .000*** | Referent |
| Mid FRL (Middle SES) | 35.83 | 42.43 | 42.79 | .013* | .288 | 20.16 | 24.31 | 24.32 | .023* | .460 |
| High FRL (Low SES) | 28.39 | 45.05 | 43.55 | .002** | .538 | 16.28 | 25.63 | 25.17 | .002** | .892 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.66 | 36.72 | 46.60 | .000*** | Referent | 15.80 | 21.58 | 27.27 | .000*** | Referent |
| Suburb | 33.57 | 40.51 | 46.19 | .000*** | .889 | 19.50 | 24.06 | 27.32 | .000*** | .981 |
| Rural | 31.90 | 44.00 | 42.72 | .011* | .182 | 17.87 | 24.47 | 23.50 | .026* | .043* |
| Township | 30.17 | 41.82 | 41.79 | .008** | .155 | 16.33 | 23.81 | 24.14 | .003** | .156 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 30.19 | 40.60 | 40.09 | .002** | .000*** | 17.05 | 22.88 | 22.09 | .008** | .000*** |
| Medium | 34.88 | 44.33 | 46.79 | .000*** | .200 | 19.41 | 25.61 | 27.37 | .000*** | .197 |
| Large | 32.41 | 49.52 | 49.12 | .002** | Referent | 17.47 | 28.72 | 29.10 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 37.37 | 42.10 | 51.93 | .002** | Referent | 20.24 | 25.31 | 31.66 | .001** | Referent |
| Midwest | 28.45 | 39.17 | 40.74 | .008** | .004** | 15.90 | 22.11 | 23.36 | .007** | .003** |
| South | 32.97 | 45.39 | 41.77 | .004** | .009** | 17.93 | 24.64 | 22.78 | .008** | .001** |
| Northeast | 30.45 | 43.83 | 47.73 | .000*** | .286 | 18.44 | 25.70 | 27.45 | .000*** | .132 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 43.31 | 55.92 | 57.37 | .000*** | Referent | 29.76 | 36.95 | 35.61 | .046* | Referent |
| Maj. African-American (≥50%) | 15.52 | 49.21 | 48.51 | .000*** | .065 | 12.48 | 33.24 | 35.10 | .006** | .886 |
| Maj. Hispanic/Latino (≥50%) | 36.85 | 55.35 | 61.74 | .003** | .222 | 24.05 | 34.70 | 38.76 | .038* | .425 |
| Mixed | 48.47 | 56.72 | 53.57 | .283 | .165 | 34.65 | 33.74 | 36.94 | .575 | .524 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 41.29 | 52.67 | 60.07 | .000*** | Referent | 27.59 | 35.61 | 40.17 | .000*** | Referent |
| Mid FRL (Middle SES) | 48.80 | 55.46 | 55.63 | .093 | .124 | 34.53 | 37.32 | 34.44 | .979 | .021* |
| High FRL (Low SES) | 38.24 | 58.94 | 53.70 | .019* | .045* | 26.47 | 35.29 | 34.92 | .083 | .045* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 39.37 | 40.62 | 54.61 | .015* | Referent | 25.49 | 26.03 | 36.13 | .013* | Referent |
| Suburb | 43.99 | 54.09 | 58.20 | .000*** | .357 | 32.20 | 41.41 | 39.25 | .028* | .291 |
| Rural | 42.71 | 59.23 | 57.89 | .007** | .415 | 29.64 | 36.43 | 36.29 | .113 | .959 |
| Township | 40.97 | 54.09 | 52.06 | .072 | .570 | 27.09 | 32.94 | 32.19 | .288 | .257 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 40.90 | 54.08 | 53.27 | .006** | .002** | 28.54 | 33.61 | 33.91 | .111 | .003** |
| Medium | 45.89 | 59.07 | 57.93 | .000*** | .059 | 31.13 | 41.55 | 37.03 | .019* | .074 |
| Large | 44.06 | 57.61 | 62.32 | .014* | Referent | 28.97 | 38.91 | 40.83 | .021* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 51.45 | 48.26 | 60.76 | .215 | Referent | 37.11 | 33.04 | 42.60 | .361 | Referent |
| Midwest | 38.33 | 52.58 | 54.98 | .006** | .239 | 26.93 | 34.97 | 36.65 | .029* | .131 |
| South | 46.69 | 63.13 | 55.12 | .057 | .255 | 27.66 | 33.08 | 29.94 | .485 | .001** |
| Northeast | 36.88 | 56.71 | 57.86 | .000*** | .554 | 28.98 | 43.35 | 38.94 | .009** | .363 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 32.43 | 41.62 | 43.08 | .001** | Referent | 18.07 | 21.89 | 22.81 | .017* | Referent |
| Maj. African-American (≥50%) | 17.95 | 43.50 | 47.64 | .006** | .294 | 10.44 | 22.18 | 23.33 | .068 | .842 |
| Maj. Hispanic/Latino (≥50%) | 31.46 | 52.50 | 60.15 | .000*** | .000*** | 14.44 | 25.27 | 30.19 | .001** | .031* |
| Mixed | 33.42 | 48.06 | 46.28 | .002** | .270 | 20.02 | 23.37 | 25.96 | .013* | .090 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 31.03 | 39.67 | 45.31 | .000*** | Referent | 17.75 | 22.14 | 24.63 | .005** | Referent |
| Mid FRL (Middle SES) | 34.25 | 43.78 | 44.27 | .002** | .712 | 19.77 | 23.88 | 23.52 | .066 | .540 |
| High FRL (Low SES) | 30.59 | 47.35 | 46.72 | .004** | .660 | 16.06 | 21.17 | 24.00 | .017* | .757 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.68 | 36.20 | 49.05 | .000*** | Referent | 15.39 | 19.57 | 26.11 | .003** | Referent |
| Suburb | 32.45 | 38.35 | 44.74 | .000*** | .230 | 20.30 | 23.53 | 25.00 | .038* | .699 |
| Rural | 33.14 | 47.86 | 46.81 | .005** | .545 | 18.21 | 22.07 | 24.02 | .041* | .478 |
| Township | 29.73 | 40.72 | 41.73 | .012* | .073 | 15.32 | 23.63 | 22.35 | .010* | .214 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 30.75 | 43.34 | 42.32 | .002** | .003** | 17.37 | 21.22 | 22.07 | .034* | .011* |
| Medium | 34.58 | 42.56 | 47.73 | .000*** | .303 | 18.73 | 24.38 | 26.22 | .000*** | .974 |
| Large | 31.88 | 49.09 | 50.23 | .001** | Referent | 17.20 | 26.16 | 26.27 | .004** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.59 | 42.32 | 47.10 | .014* | Referent | 19.46 | 24.30 | 26.80 | .034* | Referent |
| Midwest | 28.24 | 39.18 | 41.07 | .011* | .257 | 16.06 | 22.07 | 23.64 | .010* | .303 |
| South | 38.97 | 52.15 | 50.78 | .003** | .485 | 17.36 | 18.69 | 21.78 | .141 | .109 |
| Northeast | 29.15 | 41.92 | 47.55 | .000*** | .933 | 19.60 | 26.02 | 27.25 | .008** | .887 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 37.01 | 46.82 | 45.85 | .021* | Referent | 10.03 | 14.30 | 15.32 | .001** | Referent |
| Maj. African-American (≥50%) | 16.30 | 53.31 | 47.85 | .001** | .641 | 4.81 | 19.89 | 16.06 | .006** | .774 |
| Maj. Hispanic/Latino (≥50%) | 37.51 | 47.72 | 64.83 | .001** | .000*** | 13.89 | 21.79 | 30.62 | .000*** | .000*** |
| Mixed | 39.45 | 50.60 | 48.99 | .026* | .232 | 13.11 | 21.24 | 18.43 | .037* | .114 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 37.25 | 45.16 | 49.79 | .003** | Referent | 10.44 | 14.13 | 16.76 | .002** | Referent |
| Mid FRL (Middle SES) | 40.89 | 46.86 | 46.53 | .109 | .242 | 11.19 | 14.72 | 17.04 | .002** | .880 |
| High FRL (Low SES) | 32.43 | 52.64 | 48.78 | .009** | .738 | 9.95 | 20.59 | 18.43 | .001** | .396 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 34.13 | 43.26 | 50.41 | .004** | Referent | 12.92 | 17.80 | 20.50 | .020* | Referent |
| Suburb | 38.34 | 47.33 | 52.92 | .000*** | .488 | 12.83 | 16.36 | 21.35 | .000*** | .747 |
| Rural | 36.70 | 51.38 | 46.55 | .071 | .311 | 9.47 | 16.88 | 13.97 | .036* | .011* |
| Township | 35.09 | 40.72 | 44.84 | .065 | .197 | 9.56 | 13.95 | 17.47 | .002** | .307 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.51 | 46.72 | 43.70 | .046* | .000*** | 9.61 | 15.22 | 13.43 | .031* | .000*** |
| Medium | 38.26 | 47.84 | 51.06 | .000*** | .037* | 12.35 | 17.23 | 19.94 | .000*** | .041* |
| Large | 40.27 | 60.89 | 55.87 | .024* | Referent | 12.43 | 24.10 | 23.52 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 41.83 | 42.17 | 56.83 | .002** | Referent | 12.61 | 19.84 | 27.81 | .000*** | Referent |
| Midwest | 30.10 | 40.70 | 38.91 | .082 | .000*** | 6.18 | 10.22 | 10.67 | .010* | .000*** |
| South | 44.34 | 59.19 | 51.74 | .182 | .258 | 13.60 | 23.73 | 18.40 | .059 | .005** |
| Northeast | 33.99 | 52.26 | 56.47 | .000*** | .937 | 12.69 | 16.34 | 22.33 | .000*** | .135 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 25.78 | 33.04 | 35.04 | .002** | Referent | 17.43 | 22.51 | 23.29 | .007** | Referent |
| Maj. African-American (≥50%) | 14.17 | 44.05 | 40.38 | .001** | .183 | 8.41 | 28.89 | 28.27 | .000*** | .090 |
| Maj. Hispanic/Latino (≥50%) | 18.67 | 41.06 | 48.91 | .000*** | .003** | 11.31 | 25.96 | 31.06 | .000*** | .022* |
| Mixed | 30.15 | 32.51 | 36.80 | .080 | .515 | 18.83 | 21.04 | 24.47 | .024* | .549 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 24.02 | 31.45 | 35.19 | .000*** | Referent | 15.98 | 21.57 | 23.64 | .001** | Referent |
| Mid FRL (Middle SES) | 30.62 | 33.93 | 37.36 | .051 | .404 | 20.82 | 22.86 | 24.49 | .161 | .653 |
| High FRL (Low SES) | 22.26 | 37.63 | 38.12 | .001** | .283 | 14.35 | 24.54 | 25.20 | .001** | .430 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 21.92 | 32.15 | 40.20 | .000*** | Referent | 13.70 | 21.19 | 26.30 | .000*** | Referent |
| Suburb | 31.00 | 35.48 | 41.34 | .000*** | .712 | 20.22 | 25.61 | 28.38 | .000*** | .346 |
| Rural | 24.87 | 33.85 | 33.99 | .031* | .050 | 16.10 | 22.26 | 22.16 | .032* | .062 |
| Township | 22.84 | 35.44 | 35.71 | .006** | .222 | 16.62 | 22.69 | 23.65 | .050 | .315 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 23.36 | 31.57 | 32.83 | .005** | .001** | 15.84 | 21.41 | 21.48 | .018* | .002** |
| Medium | 30.76 | 39.64 | 40.52 | .001** | .567 | 20.10 | 26.32 | 27.78 | .000*** | .751 |
| Large | 25.56 | 40.87 | 41.94 | .001** | Referent | 14.44 | 25.83 | 27.21 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 33.27 | 38.00 | 49.22 | .008** | Referent | 19.35 | 24.81 | 31.60 | .006** | Referent |
| Midwest | 24.38 | 31.50 | 35.87 | .012* | .006** | 17.43 | 22.12 | 25.15 | .022* | .062 |
| South | 20.21 | 33.65 | 31.08 | .002** | .000*** | 12.49 | 20.19 | 18.80 | .008** | .000*** |
| Northeast | 27.11 | 37.41 | 38.35 | .002** | .027* | 18.95 | 26.47 | 26.15 | .005** | .114 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.36 | 46.63 | 45.69 | .003** | Referent | 22.48 | 30.08 | 29.96 | .003** | Referent |
| Maj. African-American (≥50%) | 16.86 | 43.26 | 44.11 | .005** | .686 | 12.65 | 26.35 | 28.36 | .049* | .571 |
| Maj. Hispanic/Latino (≥50%) | 29.43 | 51.27 | 54.58 | .000*** | .027* | 19.87 | 31.30 | 40.65 | .000*** | .001** |
| Mixed | 34.85 | 46.71 | 47.57 | .004** | .538 | 24.24 | 32.14 | 29.75 | .060 | .919 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 33.45 | 43.49 | 49.61 | .000*** | Referent | 21.75 | 27.77 | 31.05 | .003** | Referent |
| Mid FRL (Middle SES) | 40.14 | 49.72 | 46.28 | .098 | .283 | 24.75 | 32.39 | 31.08 | .018* | .992 |
| High FRL (Low SES) | 29.93 | 46.81 | 43.52 | .009** | .052 | 20.43 | 30.48 | 28.89 | .027* | .370 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.21 | 39.94 | 52.19 | .000*** | Referent | 18.22 | 24.36 | 32.92 | .000*** | Referent |
| Suburb | 33.19 | 41.66 | 46.53 | .000*** | .143 | 21.15 | 26.82 | 31.11 | .000*** | .533 |
| Rural | 35.91 | 49.65 | 46.69 | .032* | .165 | 23.86 | 32.97 | 29.74 | .112 | .305 |
| Township | 33.34 | 47.63 | 44.24 | .038* | .076 | 20.62 | 29.37 | 30.91 | .003** | .556 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 32.63 | 45.83 | 42.97 | .005** | .001** | 21.67 | 30.11 | 27.97 | .022* | .001** |
| Medium | 38.42 | 46.55 | 49.72 | .001** | .367 | 23.56 | 29.12 | 32.76 | .000*** | .324 |
| Large | 32.57 | 54.64 | 52.07 | .001** | Referent | 21.13 | 35.18 | 34.69 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 39.15 | 51.19 | 53.59 | .006** | Referent | 23.01 | 30.03 | 34.20 | .002** | Referent |
| Midwest | 29.72 | 44.28 | 44.76 | .004** | .059 | 18.40 | 28.22 | 30.04 | .002** | .199 |
| South | 35.12 | 45.94 | 41.96 | .051 | .011* | 26.21 | 32.74 | 29.63 | .287 | .152 |
| Northeast | 36.53 | 48.51 | 53.11 | .001** | .921 | 22.94 | 30.96 | 32.27 | .005** | .574 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 31.24 | 40.00 | 39.17 | .036* | Referent | 20.06 | 22.53 | 24.39 | .147 | Referent |
| Maj. African-American (≥50%) | 16.56 | 43.27 | 35.76 | .078 | .463 | 11.99 | 29.39 | 25.97 | .138 | .754 |
| Maj. Hispanic/Latino (≥50%) | 32.88 | 52.00 | 62.68 | .001** | .000*** | 17.53 | 27.39 | 43.70 | .000*** | .000*** |
| Mixed | 42.74 | 43.07 | 44.64 | .763 | .113 | 24.48 | 28.04 | 25.61 | .788 | .658 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 30.34 | 40.04 | 42.25 | .009** | Referent | 16.35 | 21.46 | 24.91 | .003** | Referent |
| Mid FRL (Middle SES) | 36.55 | 43.46 | 38.58 | .655 | .280 | 22.99 | 26.10 | 23.61 | .883 | .623 |
| High FRL (Low SES) | 29.94 | 40.97 | 44.08 | .019* | .611 | 20.75 | 25.28 | 29.56 | .065 | .110 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.82 | 39.80 | 45.37 | .006** | Referent | 15.45 | 23.83 | 30.46 | .001** | Referent |
| Suburb | 30.97 | 39.09 | 45.76 | .001** | .937 | 17.88 | 20.51 | 27.82 | .001** | .484 |
| Rural | 33.54 | 41.96 | 37.79 | .438 | .107 | 24.03 | 26.38 | 24.57 | .904 | .127 |
| Township | 31.60 | 44.36 | 44.40 | .028* | .855 | 15.13 | 23.01 | 25.93 | .008** | .283 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 31.99 | 39.84 | 37.62 | .183 | .001** | 20.82 | 23.72 | 23.04 | .510 | .005** |
| Medium | 33.23 | 42.42 | 45.81 | .002** | .535 | 18.58 | 22.65 | 29.59 | .000*** | .932 |
| Large | 27.82 | 52.97 | 47.94 | .000*** | Referent | 16.51 | 35.10 | 29.82 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 45.28 | 46.00 | 62.42 | .022* | Referent | 18.43 | 20.72 | 32.95 | .004** | Referent |
| Midwest | 25.17 | 38.17 | 32.62 | .160 | .000*** | 15.62 | 20.60 | 22.54 | .102 | .022* |
| South | 34.31 | 39.87 | 39.92 | .148 | .000*** | 27.32 | 30.06 | 30.31 | .432 | .529 |
| Northeast | 31.48 | 46.28 | 50.26 | .001** | .054 | 20.04 | 26.85 | 26.06 | .167 | .145 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS & MODELING | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 18.56 | 20.17 | 28.79 | .001** | Referent | 10.89 | 9.09 | 13.51 | .227 | Referent |
| Maj. African-American (≥50%) | 9.26 | 21.35 | 20.62 | .098 | .084 | 2.66 | 9.85 | 9.60 | .016* | .150 |
| Maj. Hispanic/Latino (≥50%) | 20.10 | 27.06 | 39.96 | .017* | .047* | 6.38 | 14.72 | 19.76 | .009** | .158 |
| Mixed | 21.59 | 25.41 | 29.84 | .110 | .751 | 13.53 | 11.93 | 15.47 | .543 | .376 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 17.73 | 19.26 | 32.06 | .000*** | Referent | 10.98 | 9.38 | 12.86 | .472 | Referent |
| Mid FRL (Middle SES) | 17.19 | 20.03 | 29.01 | .002** | .374 | 10.37 | 7.88 | 15.05 | .069 | .379 |
| High FRL (Low SES) | 20.53 | 25.84 | 26.40 | .233 | .069 | 10.23 | 12.99 | 13.56 | .311 | .771 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 14.01 | 18.74 | 33.21 | .000*** | Referent | 8.58 | 8.90 | 16.70 | .028* | Referent |
| Suburb | 21.12 | 17.27 | 29.45 | .022* | .388 | 13.99 | 10.62 | 14.53 | .854 | .504 |
| Rural | 19.82 | 23.64 | 30.15 | .020* | .469 | 10.77 | 9.57 | 14.45 | .219 | .496 |
| Township | 15.57 | 22.47 | 26.05 | .020* | .146 | 7.71 | 11.23 | 12.04 | .123 | .180 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 18.09 | 20.05 | 26.38 | .018* | .060 | 10.09 | 8.75 | 12.64 | .299 | .099 |
| Medium | 19.07 | 23.02 | 32.79 | .000*** | .825 | 11.22 | 12.86 | 15.51 | .094 | .726 |
| Large | 22.00 | 30.70 | 32.06 | .032* | Referent | 11.85 | 11.60 | 16.30 | .114 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 20.47 | 23.33 | 42.74 | .006** | Referent | 9.96 | 14.03 | 18.42 | .027* | Referent |
| Midwest | 19.81 | 18.26 | 30.23 | .026* | .034* | 11.28 | 8.90 | 15.52 | .200 | .388 |
| South | 17.54 | 26.41 | 21.27 | .290 | .000*** | 7.81 | 8.45 | 10.39 | .400 | .013* |
| Northeast | 15.89 | 20.56 | 30.83 | .000*** | .059 | 12.58 | 10.89 | 14.95 | .433 | .267 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 15.52 | 23.06 | 24.83 | .003** | Referent | 5.11 | 7.77 | 8.47 | .081 | Referent |
| Maj. African-American (≥50%) | 13.18 | 42.41 | 24.20 | .290 | .898 | 7.40 | 22.39 | 3.54 | .577 | .021* |
| Maj. Hispanic/Latino (≥50%) | 18.94 | 39.58 | 33.84 | .173 | .194 | 5.98 | 15.19 | 19.99 | .004** | .008** |
| Mixed | 29.82 | 23.52 | 27.36 | .696 | .456 | 15.59 | 9.17 | 11.72 | .348 | .205 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 18.05 | 25.15 | 29.96 | .008** | Referent | 5.25 | 7.59 | 12.76 | .018* | Referent |
| Mid FRL (Middle SES) | 17.43 | 22.56 | 22.04 | .231 | .059 | 5.01 | 8.10 | 6.64 | .405 | .038* |
| High FRL (Low SES) | 17.08 | 29.78 | 24.94 | .122 | .213 | 9.09 | 13.26 | 9.14 | .988 | .239 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 18.31 | 31.24 | 28.74 | .112 | Referent | 9.40 | 15.62 | 11.52 | .589 | Referent |
| Suburb | 15.88 | 31.39 | 28.35 | .000*** | .943 | 3.51 | 8.93 | 9.53 | .003** | .551 |
| Rural | 17.88 | 22.48 | 25.58 | .109 | .589 | 7.62 | 9.21 | 9.74 | .506 | .623 |
| Township | 17.31 | 24.60 | 23.06 | .305 | .346 | 5.91 | 7.90 | 9.33 | .204 | .530 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 16.66 | 22.84 | 24.57 | .052 | .884 | 6.51 | 8.34 | 8.66 | .396 | .086 |
| Medium | 19.65 | 29.77 | 29.01 | .009** | .249 | 7.10 | 10.86 | 9.85 | .222 | .171 |
| Large | 17.31 | 36.56 | 25.09 | .067 | Referent | 5.65 | 16.53 | 12.95 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 37.37 | 30.59 | 35.53 | .817 | Referent | 17.38 | 12.47 | 21.38 | .519 | Referent |
| Midwest | 13.60 | 25.63 | 24.63 | .010* | .037* | 4.29 | 9.86 | 8.82 | .121 | .008** |
| South | 12.82 | 16.43 | 19.45 | .135 | .002** | 6.83 | 9.77 | 9.20 | .410 | .007** |
| Northeast | 14.86 | 33.17 | 32.34 | .000*** | .559 | 2.32 | 6.83 | 7.13 | .014* | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 32.38 | 44.01 | 46.48 | .000*** | Referent | 22.18 | 31.87 | 31.75 | .000*** | Referent |
| Maj. African-American (≥50%) | 14.51 | 44.97 | 45.99 | .000*** | .924 | 9.93 | 35.77 | 31.22 | .001** | .882 |
| Maj. Hispanic/Latino (≥50%) | 24.40 | 50.56 | 46.49 | .001** | .998 | 19.69 | 41.53 | 37.92 | .001** | .065 |
| Mixed | 35.65 | 40.11 | 43.27 | .085 | .244 | 25.38 | 31.17 | 30.81 | .120 | .663 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 31.86 | 40.96 | 47.78 | .000*** | Referent | 21.70 | 28.73 | 33.41 | .000*** | Referent |
| Mid FRL (Middle SES) | 36.62 | 45.75 | 44.22 | .039* | .181 | 24.39 | 33.84 | 30.26 | .026* | .184 |
| High FRL (Low SES) | 27.11 | 44.55 | 44.72 | .001** | .285 | 20.20 | 35.16 | 32.03 | .002** | .572 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.84 | 37.41 | 48.40 | .000*** | Referent | 18.86 | 29.36 | 34.88 | .000*** | Referent |
| Suburb | 34.34 | 41.27 | 47.22 | .000*** | .733 | 23.01 | 28.13 | 33.26 | .000*** | .558 |
| Rural | 30.47 | 43.93 | 43.68 | .006** | .171 | 22.25 | 33.84 | 30.57 | .021* | .117 |
| Township | 32.68 | 50.91 | 46.83 | .005** | .679 | 21.28 | 36.75 | 31.95 | .002** | .347 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 29.65 | 41.95 | 42.06 | .001** | .001** | 21.21 | 32.32 | 28.38 | .010* | .000*** |
| Medium | 36.15 | 47.89 | 49.09 | .000*** | .581 | 23.44 | 32.28 | 34.60 | .000*** | .103 |
| Large | 33.03 | 46.66 | 50.41 | .003** | Referent | 23.57 | 36.44 | 37.77 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 34.96 | 45.51 | 50.00 | .004** | Referent | 23.86 | 34.22 | 38.41 | .002** | Referent |
| Midwest | 31.01 | 46.35 | 47.66 | .003** | .577 | 21.90 | 32.79 | 29.96 | .056 | .023* |
| South | 29.90 | 40.83 | 39.63 | .013* | .014* | 22.73 | 33.39 | 30.38 | .006** | .026* |
| Northeast | 31.27 | 41.29 | 47.92 | .000*** | .617 | 19.17 | 30.09 | 34.55 | .000*** | .280 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 10.99 | 14.51 | .004** | Referent | -- | 8.54 | 12.72 | .000*** | Referent |
| Maj. African-American (≥50%) | -- | 12.41 | 13.50 | .730 | .605 | -- | 9.77 | 11.38 | .531 | .436 |
| Maj. Hispanic/Latino (≥50%) | -- | 14.32 | 19.44 | .281 | .149 | -- | 11.68 | 16.91 | .206 | .168 |
| Mixed | -- | 12.60 | 15.33 | .374 | .683 | -- | 11.15 | 12.51 | .635 | .903 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.09 | 15.43 | .000*** | Referent | -- | 7.91 | 13.85 | .000*** | Referent |
| Mid FRL (Middle SES) | -- | 10.51 | 14.68 | .016* | .669 | -- | 7.92 | 12.12 | .005** | .269 |
| High FRL (Low SES) | -- | 13.72 | 14.49 | .709 | .606 | -- | 11.57 | 12.67 | .562 | .489 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 12.66 | 15.99 | .153 | Referent | -- | 11.88 | 14.52 | .225 | Referent |
| Suburb | -- | 9.98 | 16.56 | .000*** | .783 | -- | 6.95 | 13.86 | .000*** | .715 |
| Rural | -- | 12.10 | 13.78 | .342 | .281 | -- | 9.54 | 11.95 | .130 | .169 |
| Township | -- | 11.63 | 15.20 | .136 | .727 | -- | 10.03 | 12.99 | .165 | .447 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 9.92 | 12.91 | .051 | .018* | -- | 7.62 | 11.39 | .006** | .062 |
| Medium | -- | 13.28 | 17.33 | .030* | .831 | -- | 10.98 | 14.75 | .032* | .669 |
| Large | -- | 14.06 | 16.95 | .071 | Referent | -- | 11.75 | 14.11 | .081 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 16.97 | 23.65 | .114 | Referent | -- | 14.60 | 19.90 | .168 | Referent |
| Midwest | -- | 10.91 | 15.32 | .006** | .023* | -- | 8.79 | 14.34 | .000*** | .077 |
| South | -- | 8.26 | 8.79 | .786 | .000*** | -- | 7.25 | 7.72 | .793 | .000*** |
| Northeast | -- | 13.02 | 17.13 | .018* | .074 | -- | 8.88 | 12.75 | .014* | .025* |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table A-2. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, District Weighted, Elementary School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 35.06 | 44.06 | 44.68 | .000*** | 20.05 | 25.63 | 26.11 | .000*** |
| Nutrition Education | 46.98 | 56.67 | 55.46 | .000*** | 32.18 | 37.02 | 36.41 | .023* |
| School Meals | 34.89 | 44.59 | 45.57 | .000*** | 19.90 | 22.91 | 24.14 | .003** |
| Competitive Foods & Beverages | 40.29 | 50.33 | 50.07 | .000*** | 13.45 | 20.66 | 21.66 | .000*** |
| Physical Education | 28.80 | 37.20 | 38.82 | .000*** | 18.82 | 24.37 | 25.11 | .000*** |
| Physical Activity | 37.47 | 48.19 | 47.16 | .000*** | 23.92 | 30.76 | 30.69 | .000*** |
| Communication & Stakeholders | 35.82 | 42.65 | 42.50 | .020* | 21.95 | 24.73 | 26.81 | .034* |
| Staff Wellness | 21.17 | 22.48 | 28.63 | .002** | 11.80 | 10.59 | 13.55 | .291 |
| Marketing & Promotion | 19.66 | 26.19 | 24.68 | .063 | 7.80 | 9.96 | 9.59 | .349 |
| Evaluation & Implementation | 35.29 | 45.13 | 46.59 | .000*** | 24.53 | 33.72 | 32.44 | .000*** |
| Reporting Requirements | -- | 11.98 | 15.30 | .004** | -- | 9.51 | 13.13 | .001** |

SCORES BY DISTRICT CHARACTERISTICS

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.15 | 42.54 | 43.50 | .000*** | Referent | 19.96 | 24.42 | 25.00 | .000*** | Referent |
| Maj. African-American (≥50%) | 27.88 | 52.72 | 42.36 | .194 | .787 | 15.97 | 31.74 | 24.50 | .256 | .843 |
| Maj. Hispanic/Latino (≥50%) | 32.48 | 46.19 | 55.61 | .000*** | .000*** | 18.42 | 27.76 | 35.35 | .000*** | .000*** |
| Mixed | 37.36 | 45.70 | 44.48 | .019* | .622 | 22.06 | 27.15 | 26.18 | .056 | .388 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.68 | 40.68 | 45.57 | .000*** | Referent | 20.00 | 23.44 | 26.51 | .000*** | Referent |
| Mid FRL (Middle SES) | 35.80 | 43.47 | 43.29 | .011* | .284 | 20.23 | 25.20 | 24.81 | .018* | .260 |
| High FRL (Low SES) | 34.01 | 48.18 | 45.65 | .000*** | .969 | 20.08 | 28.34 | 27.32 | .001** | .582 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.09 | 41.47 | 46.71 | .000*** | Referent | 18.85 | 24.76 | 27.67 | .002** | Referent |
| Suburb | 34.34 | 42.32 | 45.66 | .000*** | .732 | 20.11 | 25.52 | 27.62 | .000*** | .980 |
| Rural | 36.28 | 45.60 | 43.71 | .009** | .311 | 20.95 | 26.10 | 24.60 | .058 | .116 |
| Township | 34.69 | 43.05 | 43.75 | .008** | .339 | 18.70 | 24.79 | 25.86 | .002** | .402 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.33 | 42.83 | 40.85 | .007** | .000*** | 19.86 | 24.77 | 23.00 | .047* | .000*** |
| Medium | 36.38 | 45.09 | 47.01 | .000*** | .068 | 20.34 | 26.45 | 28.16 | .000*** | .086 |
| Large | 37.52 | 50.45 | 50.32 | .000*** | Referent | 20.96 | 29.86 | 30.48 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 38.34 | 43.64 | 55.54 | .000*** | Referent | 21.56 | 26.68 | 34.36 | .001** | Referent |
| Midwest | 33.11 | 40.73 | 40.36 | .007** | .000*** | 18.65 | 23.03 | 23.30 | .007** | .000*** |
| South | 36.24 | 46.95 | 43.00 | .018* | .001** | 20.24 | 26.89 | 24.65 | .018* | .001** |
| Northeast | 34.62 | 46.95 | 47.46 | .001** | .031* | 21.18 | 28.10 | 27.58 | .012* | .017* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 47.28 | 56.47 | 56.35 | .001** | Referent | 32.32 | 37.66 | 35.30 | .151 | Referent |
| Maj. African-American (≥50%) | 26.90 | 55.28 | 45.91 | .098 | .043* | 21.78 | 37.26 | 33.89 | .264 | .707 |
| Maj. Hispanic/Latino (≥50%) | 41.23 | 52.78 | 61.89 | .007** | .081 | 26.80 | 34.39 | 44.04 | .012* | .028* |
| Mixed | 50.65 | 59.47 | 53.77 | .505 | .336 | 36.11 | 35.34 | 37.31 | .773 | .334 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 47.71 | 53.18 | 58.96 | .002** | Referent | 31.65 | 36.16 | 40.33 | .004** | Referent |
| Mid FRL (Middle SES) | 47.42 | 56.27 | 53.99 | .086 | .080 | 32.80 | 38.06 | 33.26 | .879 | .004** |
| High FRL (Low SES) | 46.19 | 60.95 | 54.58 | .045* | .137 | 32.35 | 37.11 | 36.86 | .197 | .176 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 46.06 | 43.65 | 52.65 | .269 | Referent | 29.48 | 28.94 | 38.34 | .024* | Referent |
| Suburb | 44.91 | 55.38 | 56.09 | .003** | .415 | 32.49 | 42.70 | 38.78 | .068 | .889 |
| Rural | 49.06 | 60.23 | 57.01 | .030* | .298 | 34.46 | 37.02 | 35.65 | .706 | .403 |
| Township | 45.18 | 54.44 | 52.98 | .084 | .941 | 28.42 | 33.38 | 33.46 | .167 | .164 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 46.42 | 55.67 | 52.09 | .087 | .000*** | 32.15 | 35.04 | 33.48 | .621 | .001** |
| Medium | 47.79 | 58.91 | 56.62 | .004** | .019* | 32.09 | 41.31 | 37.79 | .023* | .089 |
| Large | 49.83 | 57.80 | 62.03 | .001** | Referent | 32.97 | 39.26 | 41.42 | .004** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 50.75 | 48.31 | 63.02 | .041* | Referent | 36.18 | 33.63 | 46.99 | .062 | Referent |
| Midwest | 44.82 | 54.18 | 52.60 | .035* | .015* | 31.06 | 36.01 | 36.02 | .105 | .005** |
| South | 51.96 | 62.60 | 54.78 | .504 | .052 | 30.62 | 32.88 | 30.27 | .904 | .000*** |
| Northeast | 42.08 | 60.27 | 56.52 | .001** | .107 | 32.84 | 46.90 | 37.63 | .193 | .014* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.41 | 41.86 | 43.38 | .001** | Referent | 20.19 | 22.03 | 22.92 | .105 | Referent |
| Maj. African-American (≥50%) | 32.11 | 48.80 | 46.47 | .297 | .542 | 18.78 | 25.40 | 22.79 | .679 | .964 |
| Maj. Hispanic/Latino (≥50%) | 35.66 | 50.94 | 59.48 | .000*** | .000*** | 16.98 | 23.88 | 29.04 | .011* | .033* |
| Mixed | 34.47 | 51.38 | 45.85 | .008** | .391 | 20.77 | 25.05 | 25.99 | .026* | .100 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 34.91 | 40.54 | 46.41 | .001** | Referent | 19.95 | 22.50 | 25.07 | .020* | Referent |
| Mid FRL (Middle SES) | 35.42 | 43.61 | 43.28 | .017* | .275 | 20.35 | 24.08 | 22.89 | .245 | .238 |
| High FRL (Low SES) | 34.62 | 49.69 | 47.51 | .001** | .713 | 19.55 | 22.19 | 24.61 | .068 | .815 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 30.10 | 39.07 | 48.40 | .000*** | Referent | 17.78 | 21.34 | 24.46 | .054 | Referent |
| Suburb | 33.14 | 39.93 | 43.67 | .001** | .159 | 20.77 | 24.21 | 24.45 | .102 | .995 |
| Rural | 36.26 | 48.63 | 47.24 | .001** | .728 | 20.88 | 22.35 | 24.20 | .161 | .914 |
| Township | 36.09 | 41.46 | 42.96 | .092 | .138 | 18.00 | 23.72 | 23.35 | .036* | .670 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.36 | 44.60 | 42.24 | .008** | .001** | 20.09 | 21.80 | 21.95 | .352 | .003** |
| Medium | 35.87 | 42.93 | 47.12 | .000*** | .109 | 19.46 | 24.46 | 25.70 | .003** | .431 |
| Large | 36.48 | 49.62 | 51.01 | .000*** | Referent | 19.70 | 26.80 | 27.07 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.34 | 43.58 | 51.67 | .009** | Referent | 21.25 | 25.15 | 29.25 | .028* | Referent |
| Midwest | 32.12 | 40.27 | 39.60 | .024* | .032* | 18.40 | 22.55 | 22.88 | .031* | .049* |
| South | 40.36 | 51.95 | 50.77 | .002** | .869 | 19.24 | 18.91 | 21.68 | .429 | .021* |
| Northeast | 33.18 | 44.06 | 46.10 | .003** | .321 | 22.30 | 27.00 | 26.11 | .251 | .339 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.81 | 48.19 | 47.87 | .003** | Referent | 12.54 | 17.57 | 19.48 | .000*** | Referent |
| Maj. African-American (≥50%) | 30.14 | 61.06 | 48.09 | .129 | .965 | 9.33 | 27.87 | 18.89 | .124 | .870 |
| Maj. Hispanic/Latino (≥50%) | 44.28 | 47.11 | 67.24 | .002** | .000*** | 19.85 | 25.79 | 37.63 | .001** | .000*** |
| Mixed | 41.87 | 55.57 | 50.45 | .044* | .302 | 15.97 | 28.12 | 22.58 | .035* | .188 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 43.21 | 46.09 | 50.22 | .048* | Referent | 13.56 | 17.15 | 20.62 | .002** | Referent |
| Mid FRL (Middle SES) | 40.96 | 48.41 | 48.92 | .028* | .641 | 12.52 | 17.44 | 21.02 | .000*** | .861 |
| High FRL (Low SES) | 37.06 | 56.77 | 52.28 | .000*** | .472 | 14.30 | 27.63 | 24.34 | .001** | .150 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 40.94 | 48.81 | 51.64 | .044* | Referent | 16.26 | 22.46 | 24.40 | .049* | Referent |
| Suburb | 39.67 | 50.11 | 52.69 | .000*** | .776 | 14.62 | 20.32 | 24.57 | .000*** | .961 |
| Rural | 40.39 | 53.32 | 48.65 | .027* | .411 | 12.39 | 21.83 | 18.48 | .017* | .105 |
| Township | 40.39 | 41.96 | 48.22 | .065 | .401 | 13.11 | 16.40 | 21.96 | .005** | .537 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 39.43 | 49.23 | 45.88 | .039* | .000*** | 12.55 | 19.47 | 17.56 | .022* | .000*** |
| Medium | 40.90 | 49.18 | 52.01 | .000*** | .020* | 14.52 | 21.16 | 23.87 | .000*** | .037* |
| Large | 47.56 | 62.51 | 57.41 | .007** | Referent | 18.97 | 28.38 | 28.25 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 42.13 | 43.48 | 60.50 | .000*** | Referent | 18.00 | 23.16 | 31.71 | .004** | Referent |
| Midwest | 35.43 | 42.69 | 39.22 | .261 | .000*** | 7.41 | 10.94 | 12.42 | .003** | .000*** |
| South | 47.99 | 61.78 | 55.10 | .117 | .160 | 18.33 | 32.58 | 26.89 | .015* | .263 |
| Northeast | 38.66 | 55.40 | 56.90 | .000*** | .327 | 15.08 | 21.75 | 25.56 | .001** | .145 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 29.00 | 35.38 | 36.63 | .002** | Referent | 19.18 | 23.60 | 23.89 | .008** | Referent |
| Maj. African-American (≥50%) | 26.14 | 54.94 | 40.76 | .155 | .372 | 15.12 | 35.25 | 27.50 | .050 | .262 |
| Maj. Hispanic/Latino (≥50%) | 21.51 | 40.98 | 52.93 | .000*** | .002** | 13.48 | 25.46 | 33.02 | .000*** | .015* |
| Mixed | 31.73 | 35.66 | 38.87 | .055 | .405 | 19.38 | 22.47 | 24.50 | .037* | .752 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 27.88 | 33.80 | 37.09 | .002** | Referent | 18.75 | 22.59 | 24.37 | .010* | Referent |
| Mid FRL (Middle SES) | 30.68 | 36.11 | 38.68 | .020* | .565 | 20.04 | 23.75 | 24.33 | .077 | .983 |
| High FRL (Low SES) | 28.12 | 41.83 | 41.14 | .001** | .155 | 17.85 | 26.86 | 26.77 | .001** | .243 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 25.22 | 38.63 | 42.63 | .000*** | Referent | 16.65 | 24.72 | 26.49 | .002** | Referent |
| Suburb | 31.73 | 38.18 | 42.44 | .001** | .958 | 20.82 | 26.62 | 28.48 | .000*** | .408 |
| Rural | 29.95 | 36.28 | 35.32 | .135 | .051 | 19.09 | 23.55 | 22.28 | .195 | .089 |
| Township | 25.22 | 37.94 | 38.21 | .002** | .259 | 17.31 | 23.55 | 24.78 | .013* | .533 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 27.42 | 34.76 | 34.22 | .023* | .000*** | 18.37 | 23.09 | 21.80 | .103 | .001** |
| Medium | 32.06 | 41.54 | 42.39 | .000*** | .428 | 20.34 | 26.92 | 28.28 | .000*** | .847 |
| Large | 29.89 | 42.76 | 44.41 | .000*** | Referent | 16.95 | 26.42 | 27.93 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 32.23 | 40.66 | 55.47 | .000*** | Referent | 16.95 | 25.47 | 34.54 | .000*** | Referent |
| Midwest | 29.46 | 33.53 | 36.18 | .043* | .000*** | 21.05 | 23.58 | 24.91 | .134 | .011* |
| South | 23.42 | 36.95 | 32.50 | .021* | .000*** | 14.14 | 22.03 | 19.05 | .048* | .000*** |
| Northeast | 31.13 | 41.76 | 40.35 | .019* | .004** | 21.73 | 28.00 | 26.60 | .086 | .030* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 38.30 | 47.68 | 46.40 | .002** | Referent | 23.83 | 30.36 | 30.32 | .001** | Referent |
| Maj. African-American (≥50%) | 31.01 | 53.55 | 43.49 | .309 | .526 | 21.64 | 32.50 | 26.88 | .611 | .273 |
| Maj. Hispanic/Latino (≥50%) | 32.23 | 47.77 | 51.60 | .001** | .129 | 21.64 | 28.28 | 37.42 | .002** | .002** |
| Mixed | 36.84 | 48.16 | 48.48 | .015* | .490 | 25.53 | 32.53 | 30.64 | .085 | .877 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 37.84 | 44.31 | 49.40 | .004** | Referent | 25.20 | 28.24 | 31.61 | .031* | Referent |
| Mid FRL (Middle SES) | 39.32 | 49.27 | 46.14 | .073 | .301 | 23.98 | 31.65 | 30.22 | .021* | .590 |
| High FRL (Low SES) | 35.62 | 51.10 | 46.19 | .001** | .292 | 22.77 | 32.35 | 30.32 | .005** | .595 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.11 | 43.18 | 51.32 | .000*** | Referent | 21.79 | 26.11 | 30.51 | .015* | Referent |
| Suburb | 32.99 | 41.82 | 44.99 | .002** | .087 | 21.29 | 26.63 | 30.48 | .001** | .989 |
| Rural | 40.37 | 51.91 | 48.22 | .031* | .410 | 26.40 | 33.68 | 30.25 | .164 | .915 |
| Township | 38.50 | 48.28 | 45.50 | .141 | .155 | 22.41 | 29.94 | 31.88 | .002** | .625 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.85 | 48.34 | 43.75 | .023* | .001** | 23.86 | 31.24 | 27.93 | .072 | .001** |
| Medium | 38.93 | 45.80 | 49.06 | .002** | .189 | 24.12 | 28.11 | 32.57 | .001** | .246 |
| Large | 38.03 | 54.55 | 52.42 | .000*** | Referent | 23.69 | 35.15 | 34.77 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.22 | 51.49 | 54.29 | .009** | Referent | 23.27 | 30.56 | 33.93 | .000*** | Referent |
| Midwest | 34.38 | 44.98 | 42.67 | .027* | .007** | 21.31 | 28.66 | 28.35 | .008** | .047* |
| South | 37.89 | 48.81 | 45.59 | .014* | .031* | 26.30 | 32.81 | 31.13 | .107 | .282 |
| Northeast | 40.41 | 50.89 | 52.58 | .017* | .684 | 26.42 | 32.21 | 32.32 | .115 | .570 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 34.29 | 40.54 | 39.72 | .103 | Referent | 21.72 | 22.74 | 25.13 | .208 | Referent |
| Maj. African-American (≥50%) | 29.63 | 49.41 | 35.23 | .700 | .402 | 21.46 | 33.87 | 26.70 | .682 | .782 |
| Maj. Hispanic/Latino (≥50%) | 37.58 | 50.58 | 65.11 | .002** | .000*** | 20.04 | 23.40 | 44.60 | .000*** | .000*** |
| Mixed | 46.66 | 45.34 | 44.07 | .689 | .224 | 25.97 | 29.30 | 25.03 | .836 | .972 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 34.99 | 40.82 | 41.65 | .143 | Referent | 17.68 | 21.56 | 24.41 | .019* | Referent |
| Mid FRL (Middle SES) | 36.63 | 44.19 | 38.99 | .617 | .442 | 24.19 | 26.59 | 24.28 | .983 | .962 |
| High FRL (Low SES) | 36.13 | 42.80 | 46.45 | .047* | .197 | 24.19 | 25.79 | 31.09 | .112 | .025* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 29.54 | 43.81 | 43.87 | .059 | Referent | 16.63 | 25.74 | 29.88 | .013* | Referent |
| Suburb | 32.71 | 41.06 | 44.69 | .009** | .866 | 17.88 | 21.69 | 26.84 | .003** | .471 |
| Rural | 37.90 | 42.41 | 38.48 | .902 | .242 | 26.48 | 26.34 | 25.75 | .851 | .325 |
| Township | 37.66 | 45.05 | 45.73 | .159 | .715 | 19.14 | 23.37 | 26.89 | .067 | .521 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.64 | 41.05 | 38.12 | .711 | .001** | 23.45 | 24.27 | 23.98 | .872 | .014* |
| Medium | 34.64 | 43.17 | 44.94 | .012* | .209 | 18.87 | 22.52 | 28.92 | .000*** | .594 |
| Large | 31.79 | 53.31 | 49.20 | .000*** | Referent | 18.68 | 35.06 | 30.31 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 49.80 | 48.63 | 65.79 | .049* | Referent | 21.14 | 20.71 | 34.92 | .028* | Referent |
| Midwest | 28.87 | 38.98 | 33.05 | .350 | .000*** | 17.54 | 21.46 | 22.78 | .160 | .018* |
| South | 37.28 | 39.76 | 39.49 | .562 | .000*** | 28.80 | 29.67 | 29.92 | .768 | .300 |
| Northeast | 35.57 | 48.62 | 48.10 | .055 | .009** | 22.63 | 27.67 | 25.00 | .635 | .064 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 21.72 | 20.89 | 27.85 | .025* | Referent | 12.60 | 9.72 | 12.80 | .924 | Referent |
| Maj. African-American (≥50%) | 16.56 | 24.24 | 19.23 | .747 | .060 | 4.76 | 11.36 | 9.11 | .220 | .180 |
| Maj. Hispanic/Latino (≥50%) | 22.49 | 25.11 | 39.74 | .039* | .027* | 7.28 | 12.87 | 20.06 | .009** | .066 |
| Mixed | 20.62 | 27.14 | 28.82 | .132 | .770 | 12.55 | 12.93 | 14.66 | .510 | .397 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 19.67 | 20.85 | 31.09 | .001** | Referent | 11.84 | 10.71 | 13.27 | .591 | Referent |
| Mid FRL (Middle SES) | 17.63 | 20.65 | 27.99 | .008** | .377 | 10.65 | 8.11 | 13.95 | .213 | .789 |
| High FRL (Low SES) | 26.15 | 26.27 | 26.48 | .940 | .119 | 12.94 | 13.28 | 13.02 | .978 | .915 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 14.53 | 21.21 | 30.36 | .001** | Referent | 8.81 | 9.61 | 15.55 | .045* | Referent |
| Suburb | 20.87 | 18.05 | 28.44 | .044* | .626 | 13.30 | 11.20 | 13.99 | .810 | .579 |
| Rural | 24.06 | 24.44 | 28.70 | .274 | .674 | 13.01 | 9.98 | 13.07 | .983 | .412 |
| Township | 18.67 | 23.31 | 26.64 | .080 | .412 | 9.25 | 12.22 | 12.71 | .247 | .361 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 21.49 | 21.25 | 24.40 | .395 | .005** | 11.74 | 9.62 | 11.21 | .826 | .011* |
| Medium | 19.58 | 23.04 | 31.83 | .001** | .744 | 11.65 | 12.73 | 15.17 | .164 | .447 |
| Large | 24.82 | 30.54 | 32.90 | .024* | Referent | 13.29 | 11.58 | 16.83 | .129 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 23.94 | 23.97 | 42.90 | .035* | Referent | 11.50 | 14.56 | 20.09 | .039* | Referent |
| Midwest | 22.20 | 18.78 | 28.74 | .100 | .020* | 12.53 | 9.29 | 13.38 | .773 | .046* |
| South | 20.66 | 26.49 | 20.68 | .996 | .000*** | 9.22 | 8.26 | 10.26 | .736 | .002** |
| Northeast | 17.67 | 23.16 | 28.68 | .013* | .031* | 13.74 | 12.94 | 13.53 | .949 | .038* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 17.13 | 23.69 | 24.00 | .023* | Referent | 6.08 | 7.99 | 8.76 | .202 | Referent |
| Maj. African-American (≥50%) | 23.58 | 48.01 | 23.15 | .976 | .864 | 13.23 | 26.02 | 3.22 | .348 | .009** |
| Maj. Hispanic/Latino (≥50%) | 22.33 | 35.11 | 25.59 | .755 | .727 | 7.37 | 14.87 | 17.08 | .039* | .024* |
| Mixed | 31.51 | 23.80 | 26.57 | .459 | .476 | 15.92 | 9.30 | 10.90 | .260 | .422 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 21.05 | 25.99 | 29.29 | .079 | Referent | 6.60 | 7.95 | 12.72 | .065 | Referent |
| Mid FRL (Middle SES) | 16.12 | 23.18 | 20.47 | .229 | .037* | 5.23 | 8.28 | 6.69 | .481 | .043* |
| High FRL (Low SES) | 21.78 | 29.92 | 23.59 | .740 | .153 | 11.46 | 13.77 | 8.40 | .439 | .158 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 20.91 | 34.63 | 21.31 | .952 | Referent | 11.43 | 17.11 | 7.52 | .309 | Referent |
| Suburb | 16.79 | 30.89 | 28.01 | .001** | .118 | 3.75 | 8.87 | 9.31 | .008** | .483 |
| Rural | 21.58 | 23.33 | 24.26 | .582 | .534 | 9.17 | 9.90 | 10.36 | .750 | .353 |
| Township | 17.91 | 23.79 | 22.83 | .416 | .757 | 7.20 | 7.68 | 9.12 | .535 | .565 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 19.35 | 23.58 | 23.10 | .356 | .567 | 7.93 | 8.66 | 8.55 | .832 | .075 |
| Medium | 20.42 | 29.34 | 26.79 | .064 | .599 | 7.75 | 11.14 | 8.78 | .641 | .041* |
| Large | 19.84 | 36.95 | 25.15 | .142 | Referent | 6.49 | 16.46 | 13.16 | .002** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 38.85 | 31.27 | 33.60 | .532 | Referent | 21.16 | 13.70 | 22.74 | .832 | Referent |
| Midwest | 15.82 | 26.30 | 22.14 | .111 | .034* | 4.73 | 10.16 | 7.64 | .283 | .003** |
| South | 14.35 | 15.89 | 17.18 | .541 | .001** | 7.23 | 9.81 | 7.79 | .852 | .003** |
| Northeast | 17.45 | 35.24 | 32.61 | .001** | .863 | 3.31 | 6.83 | 6.64 | .121 | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.81 | 44.75 | 47.71 | .000*** | Referent | 24.48 | 32.51 | 32.46 | .000*** | Referent |
| Maj. African-American (≥50%) | 25.98 | 51.19 | 44.46 | .086 | .595 | 17.79 | 40.59 | 30.15 | .121 | .574 |
| Maj. Hispanic/Latino (≥50%) | 28.01 | 50.69 | 48.23 | .001** | .889 | 22.47 | 41.64 | 39.95 | .001** | .023* |
| Mixed | 37.35 | 42.08 | 43.46 | .159 | .136 | 26.40 | 32.80 | 30.32 | .271 | .340 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.72 | 42.20 | 48.75 | .000*** | Referent | 25.08 | 30.01 | 33.73 | .001** | Referent |
| Mid FRL (Middle SES) | 36.30 | 46.20 | 44.72 | .028* | .141 | 24.59 | 34.07 | 30.24 | .041* | .148 |
| High FRL (Low SES) | 33.15 | 46.89 | 46.34 | .001** | .383 | 24.11 | 37.06 | 33.53 | .002** | .935 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 31.83 | 42.63 | 48.99 | .002** | Referent | 22.79 | 33.54 | 35.02 | .005** | Referent |
| Suburb | 34.98 | 42.80 | 46.29 | .002** | .522 | 23.29 | 29.45 | 32.43 | .001** | .412 |
| Rural | 35.10 | 44.52 | 44.80 | .010* | .316 | 25.32 | 34.51 | 31.33 | .044* | .243 |
| Township | 37.67 | 51.84 | 48.67 | .009** | .937 | 24.98 | 37.47 | 32.87 | .011* | .512 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.33 | 43.58 | 43.07 | .007** | .002** | 24.43 | 33.78 | 28.91 | .069 | .000*** |
| Medium | 37.22 | 48.40 | 49.14 | .000*** | .404 | 24.27 | 32.67 | 34.42 | .000*** | .065 |
| Large | 37.57 | 46.79 | 51.12 | .000*** | Referent | 26.93 | 36.48 | 38.01 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.93 | 46.66 | 54.14 | .002** | Referent | 25.77 | 35.75 | 41.26 | .003** | Referent |
| Midwest | 36.25 | 47.73 | 48.99 | .001** | .198 | 25.58 | 33.72 | 30.39 | .102 | .005** |
| South | 33.37 | 41.40 | 39.62 | .117 | .000*** | 24.53 | 33.91 | 30.41 | .034* | .004** |
| Northeast | 35.24 | 43.83 | 45.68 | .043* | .050 | 21.63 | 31.91 | 32.83 | .001** | .031* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 11.19 | 14.42 | .009** | Referent | -- | 8.60 | 12.66 | .000*** | Referent |
| Maj. African-American (≥50%) | -- | 11.04 | 12.79 | .588 | .409 | -- | 8.60 | 10.81 | .405 | .311 |
| Maj. Hispanic/Latino (≥50%) | -- | 16.27 | 21.77 | .277 | .044* | -- | 13.27 | 18.75 | .213 | .060 |
| Mixed | -- | 13.65 | 15.42 | .571 | .623 | -- | 11.84 | 12.57 | .803 | .959 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.13 | 15.49 | .000*** | Referent | -- | 7.77 | 13.87 | .000*** | Referent |
| Mid FRL (Middle SES) | -- | 11.23 | 14.61 | .063 | .632 | -- | 8.42 | 12.09 | .022* | .277 |
| High FRL (Low SES) | -- | 13.98 | 15.17 | .570 | .859 | -- | 11.69 | 13.18 | .429 | .683 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 13.08 | 16.46 | .219 | Referent | -- | 12.13 | 14.66 | .302 | Referent |
| Suburb | -- | 10.35 | 16.31 | .000*** | .947 | -- | 6.95 | 13.61 | .000*** | .579 |
| Rural | -- | 12.61 | 13.60 | .589 | .210 | -- | 9.87 | 11.83 | .238 | .146 |
| Township | -- | 11.89 | 15.62 | .123 | .726 | -- | 10.19 | 13.40 | .135 | .537 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 10.27 | 12.70 | .119 | .004** | -- | 7.75 | 11.16 | .014* | .017* |
| Medium | -- | 13.54 | 17.32 | .045* | .832 | -- | 11.11 | 14.75 | .039* | .989 |
| Large | -- | 14.73 | 17.70 | .081 | Referent | -- | 12.34 | 14.73 | .099 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 18.11 | 26.21 | .082 | Referent | -- | 15.46 | 21.97 | .120 | Referent |
| Midwest | -- | 11.45 | 15.16 | .018* | .007** | -- | 9.02 | 14.15 | .000*** | .027* |
| South | -- | 8.43 | 9.00 | .777 | .000*** | -- | 7.40 | 7.90 | .784 | .000*** |
| Northeast | -- | 12.39 | 16.03 | .042* | .014* | -- | 8.31 | 11.79 | .034* | .005** |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table A-3. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, District Weighted, Middle School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 33.49 | 43.21 | 44.21 | .000*** | 18.72 | 24.43 | 25.02 | .000*** |
| Nutrition Education | 44.52 | 56.72 | 56.60 | .000*** | 30.70 | 36.82 | 36.26 | .005** |
| School Meals | 34.14 | 44.76 | 45.40 | .000*** | 18.91 | 23.03 | 23.94 | .000*** |
| Competitive Foods & Beverages | 38.10 | 48.98 | 48.54 | .000*** | 10.41 | 16.38 | 16.63 | .000*** |
| Physical Education | 27.40 | 35.47 | 37.47 | .000*** | 18.12 | 23.62 | 25.14 | .000*** |
| Physical Activity | 36.55 | 47.30 | 46.92 | .000*** | 23.60 | 30.82 | 30.74 | .000*** |
| Communication & Stakeholders | 34.18 | 42.71 | 42.59 | .003** | 20.99 | 24.20 | 26.33 | .016* |
| Staff Wellness | 20.17 | 21.90 | 29.75 | .000*** | 11.19 | 10.14 | 14.03 | .091 |
| Marketing & Promotion | 18.71 | 25.66 | 26.00 | .009** | 7.38 | 9.55 | 9.39 | .292 |
| Evaluation & Implementation | 33.70 | 44.76 | 46.45 | .000*** | 23.51 | 33.20 | 32.39 | .000*** |
| Reporting Requirements | -- | 12.11 | 15.27 | .007** | -- | 9.57 | 13.09 | .001** |

| SCORES BY DISTRICT CHARACTERISTICS | | | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 34.64 | 41.53 | 42.95 | .000*** | Referent | 19.22 | 23.25 | 24.00 | .000*** | Referent |
| Maj. African-American (≥50%) | 15.49 | 49.43 | 42.01 | .004** | .830 | 8.86 | 28.32 | 23.80 | .010* | .938 |
| Maj. Hispanic/Latino (≥50%) | 29.69 | 52.69 | 56.14 | .000*** | .000*** | 16.14 | 30.89 | 33.33 | .000*** | .000*** |
| Mixed | 36.42 | 44.50 | 43.86 | .023* | .682 | 21.21 | 25.56 | 25.09 | .076 | .474 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 32.40 | 39.40 | 45.69 | .000*** | Referent | 17.75 | 22.22 | 25.56 | .000*** | Referent |
| Mid FRL (Middle SES) | 35.21 | 43.05 | 43.10 | .006** | .196 | 19.76 | 24.62 | 24.31 | .015* | .382 |
| High FRL (Low SES) | 33.22 | 47.49 | 42.98 | .002** | .264 | 18.82 | 26.60 | 24.55 | .006** | .514 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 29.50 | 44.09 | 48.22 | .000*** | Referent | 16.70 | 25.83 | 28.00 | .001** | Referent |
| Suburb | 35.48 | 40.67 | 46.36 | .000*** | .597 | 20.50 | 24.13 | 27.07 | .000*** | .688 |
| Rural | 35.56 | 44.50 | 42.72 | .008** | .105 | 19.85 | 24.51 | 23.24 | .051 | .030* |
| Township | 29.41 | 42.14 | 42.03 | .004** | .102 | 15.84 | 23.93 | 24.17 | .002** | .127 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 32.72 | 42.03 | 40.47 | .002** | .000*** | 18.44 | 23.51 | 22.01 | .019* | .000*** |
| Medium | 35.52 | 44.55 | 46.89 | .000*** | .205 | 19.66 | 25.73 | 27.22 | .000*** | .184 |
| Large | 33.26 | 49.41 | 49.22 | .002** | Referent | 17.73 | 28.32 | 29.03 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 38.23 | 42.88 | 52.92 | .005** | Referent | 20.57 | 25.98 | 32.05 | .002** | Referent |
| Midwest | 32.89 | 40.44 | 39.79 | .011* | .003** | 18.56 | 22.94 | 22.61 | .019* | .003** |
| South | 33.61 | 45.82 | 42.66 | .003** | .017* | 17.97 | 24.07 | 22.67 | .014* | .002** |
| Northeast | 30.83 | 45.21 | 48.32 | .000*** | .297 | 18.48 | 26.28 | 27.44 | .000*** | .148 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 46.33 | 55.87 | 57.74 | .000*** | Referent | 31.66 | 37.23 | 35.81 | .065 | Referent |
| Maj. African-American (≥50%) | 15.04 | 55.85 | 44.57 | .002** | .015* | 12.18 | 37.05 | 34.15 | .009** | .689 |
| Maj. Hispanic/Latino (≥50%) | 38.30 | 62.05 | 64.07 | .002** | .083 | 25.02 | 37.23 | 37.30 | .075 | .698 |
| Mixed | 49.62 | 58.68 | 53.97 | .378 | .213 | 35.84 | 34.92 | 37.43 | .719 | .495 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 42.35 | 51.86 | 61.22 | .000*** | Referent | 28.86 | 35.34 | 40.82 | .001** | Referent |
| Mid FRL (Middle SES) | 46.91 | 56.17 | 56.20 | .016* | .083 | 32.64 | 38.11 | 34.97 | .461 | .020* |
| High FRL (Low SES) | 44.71 | 62.80 | 51.86 | .111 | .006** | 30.90 | 37.21 | 33.72 | .450 | .009** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 40.61 | 50.97 | 55.40 | .036* | Referent | 26.86 | 30.49 | 36.55 | .041* | Referent |
| Suburb | 46.40 | 53.69 | 58.58 | .001** | .506 | 34.19 | 41.31 | 39.20 | .139 | .420 |
| Rural | 47.54 | 59.69 | 57.75 | .005** | .625 | 33.12 | 36.99 | 36.08 | .369 | .887 |
| Township | 38.66 | 53.90 | 52.47 | .018* | .572 | 24.65 | 32.67 | 32.69 | .060 | .307 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 43.77 | 55.79 | 53.63 | .006** | .005** | 30.43 | 34.87 | 33.99 | .219 | .003** |
| Medium | 46.30 | 58.14 | 57.89 | .000*** | .074 | 31.59 | 41.09 | 36.83 | .041* | .051 |
| Large | 45.01 | 60.69 | 62.09 | .013* | Referent | 29.78 | 39.84 | 41.02 | .020* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 51.00 | 47.91 | 62.60 | .088 | Referent | 36.41 | 33.13 | 42.88 | .284 | Referent |
| Midwest | 44.30 | 54.70 | 54.16 | .009** | .118 | 31.23 | 36.15 | 35.64 | .156 | .093 |
| South | 47.05 | 63.36 | 55.53 | .046* | .175 | 27.81 | 33.51 | 30.34 | .453 | .003** |
| Northeast | 37.07 | 58.99 | 58.30 | .000*** | .412 | 29.02 | 44.64 | 39.77 | .006** | .470 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.43 | 41.58 | 42.94 | .003** | Referent | 19.57 | 21.99 | 22.69 | .062 | Referent |
| Maj. African-American (≥50%) | 17.95 | 49.51 | 47.18 | .008** | .418 | 10.41 | 24.76 | 22.15 | .101 | .852 |
| Maj. Hispanic/Latino (≥50%) | 33.15 | 60.70 | 63.21 | .000*** | .000*** | 15.74 | 29.40 | 31.15 | .003** | .018* |
| Mixed | 34.08 | 50.43 | 45.21 | .013* | .458 | 20.48 | 24.44 | 25.43 | .037* | .163 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 32.63 | 39.25 | 46.08 | .001** | Referent | 18.70 | 22.11 | 24.90 | .013* | Referent |
| Mid FRL (Middle SES) | 35.02 | 44.05 | 44.16 | .004** | .509 | 19.99 | 24.16 | 23.33 | .105 | .385 |
| High FRL (Low SES) | 34.99 | 51.33 | 45.10 | .013* | .774 | 18.27 | 22.79 | 22.98 | .074 | .355 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 31.10 | 45.79 | 50.87 | .002** | Referent | 16.84 | 24.34 | 26.62 | .024* | Referent |
| Suburb | 34.17 | 38.30 | 44.97 | .001** | .148 | 21.51 | 23.50 | 25.09 | .108 | .623 |
| Rural | 36.15 | 48.56 | 46.01 | .004** | .241 | 19.93 | 22.50 | 23.43 | .118 | .320 |
| Township | 31.41 | 40.85 | 41.41 | .046* | .035* | 15.59 | 23.51 | 22.05 | .022* | .158 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 33.84 | 44.94 | 41.86 | .011* | .003** | 18.97 | 22.21 | 21.60 | .170 | .008** |
| Medium | 35.30 | 42.61 | 47.96 | .000*** | .407 | 19.07 | 24.28 | 26.28 | .001** | .892 |
| Large | 32.47 | 50.87 | 49.99 | .001** | Referent | 17.56 | 26.17 | 26.04 | .004** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.14 | 43.89 | 47.90 | .062 | Referent | 20.97 | 24.81 | 27.12 | .112 | Referent |
| Midwest | 32.97 | 40.37 | 39.24 | .060 | .163 | 18.81 | 22.59 | 22.59 | .071 | .188 |
| South | 39.21 | 53.11 | 51.03 | .004** | .607 | 17.19 | 18.96 | 21.08 | .160 | .079 |
| Northeast | 29.31 | 43.19 | 48.67 | .000*** | .901 | 19.58 | 27.25 | 27.62 | .008** | .891 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.39 | 47.34 | 46.27 | .019* | Referent | 10.05 | 14.07 | 15.08 | .001** | Referent |
| Maj. African-American (≥50%) | 16.06 | 54.65 | 47.12 | .001** | .873 | 4.63 | 20.94 | 14.12 | .017* | .711 |
| Maj. Hispanic/Latino (≥50%) | 38.29 | 54.29 | 65.84 | .000*** | .000*** | 13.47 | 25.71 | 29.35 | .001** | .000*** |
| Mixed | 39.60 | 51.76 | 49.33 | .028* | .266 | 12.68 | 20.91 | 17.08 | .105 | .324 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 38.08 | 45.43 | 50.08 | .005** | Referent | 10.20 | 14.24 | 15.72 | .009** | Referent |
| Mid FRL (Middle SES) | 39.67 | 47.57 | 46.65 | .046* | .223 | 11.03 | 14.73 | 16.38 | .005** | .734 |
| High FRL (Low SES) | 36.99 | 54.52 | 49.10 | .010* | .761 | 10.13 | 20.57 | 17.50 | .001** | .378 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 35.64 | 48.87 | 51.62 | .013* | Referent | 13.78 | 23.30 | 20.13 | .121 | Referent |
| Suburb | 40.49 | 47.50 | 53.05 | .000*** | .730 | 12.81 | 15.71 | 20.03 | .001** | .975 |
| Rural | 39.89 | 51.71 | 46.48 | .099 | .229 | 9.15 | 16.08 | 12.82 | .033* | .014* |
| Township | 33.65 | 41.91 | 45.50 | .022* | .189 | 9.57 | 15.02 | 17.75 | .003** | .478 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 37.71 | 48.39 | 43.96 | .068 | .000*** | 9.71 | 15.10 | 12.47 | .083 | .000*** |
| Medium | 38.48 | 48.14 | 51.23 | .000*** | .027* | 11.98 | 17.61 | 19.29 | .000*** | .043* |
| Large | 40.71 | 57.45 | 56.17 | .014* | Referent | 11.24 | 23.75 | 22.98 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 41.49 | 42.93 | 57.61 | .005** | Referent | 12.02 | 21.83 | 27.90 | .000*** | Referent |
| Midwest | 34.79 | 41.31 | 37.73 | .390 | .000*** | 7.34 | 11.73 | 10.15 | .072 | .000*** |
| South | 43.93 | 59.86 | 53.87 | .060 | .430 | 12.00 | 20.89 | 17.29 | .014* | .006** |
| Northeast | 34.11 | 54.02 | 56.37 | .000*** | .805 | 12.36 | 15.11 | 20.25 | .008** | .076 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 28.38 | 33.64 | 35.89 | .003** | Referent | 19.12 | 22.92 | 24.10 | .006** | Referent |
| Maj. African-American (≥50%) | 15.09 | 51.53 | 38.95 | .007** | .512 | 8.46 | 31.46 | 27.42 | .001** | .325 |
| Maj. Hispanic/Latino (≥50%) | 19.55 | 44.34 | 48.59 | .000*** | .003** | 12.07 | 28.45 | 30.99 | .000*** | .035* |
| Mixed | 31.33 | 34.04 | 37.06 | .140 | .681 | 19.95 | 21.91 | 24.91 | .054 | .698 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 25.88 | 32.19 | 36.18 | .002** | Referent | 17.30 | 22.32 | 24.76 | .002** | Referent |
| Mid FRL (Middle SES) | 29.62 | 34.78 | 37.82 | .017* | .541 | 19.81 | 23.34 | 24.83 | .041* | .970 |
| High FRL (Low SES) | 27.02 | 39.77 | 37.81 | .003** | .568 | 17.51 | 25.38 | 25.22 | .003** | .828 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 23.19 | 39.56 | 41.79 | .000*** | Referent | 14.02 | 25.22 | 27.74 | .000*** | Referent |
| Suburb | 33.30 | 35.78 | 41.39 | .007** | .904 | 21.97 | 26.25 | 28.59 | .002** | .724 |
| Rural | 29.13 | 34.60 | 34.25 | .133 | .026* | 18.88 | 22.39 | 22.73 | .106 | .036* |
| Township | 20.78 | 35.99 | 36.19 | .000*** | .151 | 15.02 | 23.12 | 23.91 | .006** | .171 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 25.81 | 32.95 | 33.50 | .009** | .001** | 17.43 | 22.28 | 22.24 | .019* | .004** |
| Medium | 31.56 | 40.29 | 40.56 | .002** | .506 | 20.59 | 26.57 | 27.97 | .001** | .823 |
| Large | 26.69 | 41.60 | 42.20 | .001** | Referent | 15.07 | 25.54 | 27.57 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 32.59 | 38.71 | 48.96 | .010* | Referent | 18.18 | 25.16 | 31.63 | .001** | Referent |
| Midwest | 28.70 | 33.37 | 35.81 | .029* | .013* | 20.54 | 23.26 | 25.46 | .054 | .094 |
| South | 21.76 | 33.90 | 32.16 | .003** | .002** | 13.47 | 19.34 | 19.30 | .014* | .001** |
| Northeast | 28.09 | 38.56 | 38.85 | .005** | .053 | 19.64 | 28.13 | 26.89 | .008** | .191 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 38.68 | 46.55 | 45.70 | .012* | Referent | 24.44 | 30.09 | 29.88 | .008** | Referent |
| Maj. African-American (≥50%) | 17.27 | 39.36 | 41.65 | .018* | .394 | 13.28 | 23.98 | 27.43 | .093 | .471 |
| Maj. Hispanic/Latino (≥50%) | 31.05 | 58.13 | 59.26 | .000*** | .003** | 21.26 | 37.18 | 43.52 | .000*** | .000*** |
| Mixed | 35.82 | 49.48 | 47.28 | .023* | .627 | 24.41 | 34.03 | 29.74 | .086 | .953 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 34.90 | 42.88 | 50.08 | .001** | Referent | 22.16 | 27.20 | 30.83 | .005** | Referent |
| Mid FRL (Middle SES) | 39.98 | 50.91 | 46.80 | .080 | .287 | 24.36 | 33.36 | 31.40 | .010* | .819 |
| High FRL (Low SES) | 35.29 | 47.95 | 41.97 | .065 | .013* | 24.42 | 31.68 | 28.43 | .172 | .334 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 28.24 | 44.97 | 53.16 | .000*** | Referent | 18.55 | 27.95 | 33.02 | .003** | Referent |
| Suburb | 34.77 | 42.19 | 46.80 | .003** | .202 | 22.29 | 27.33 | 31.17 | .001** | .625 |
| Rural | 40.59 | 49.88 | 46.35 | .112 | .177 | 26.73 | 33.27 | 29.55 | .306 | .377 |
| Township | 33.43 | 47.22 | 44.45 | .051 | .107 | 20.58 | 29.01 | 31.26 | .003** | .673 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.54 | 47.04 | 42.58 | .024* | .000*** | 23.53 | 31.01 | 27.80 | .071 | .001** |
| Medium | 39.81 | 46.85 | 50.30 | .003** | .460 | 24.12 | 29.55 | 33.03 | .001** | .416 |
| Large | 33.58 | 51.43 | 52.34 | .001** | Referent | 22.15 | 33.52 | 34.77 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.29 | 50.63 | 57.20 | .007** | Referent | 23.20 | 29.36 | 36.68 | .001** | Referent |
| Midwest | 34.35 | 44.96 | 43.23 | .019* | .010* | 21.17 | 28.79 | 28.30 | .006** | .026* |
| South | 36.55 | 45.74 | 40.98 | .246 | .003** | 27.84 | 33.61 | 29.87 | .558 | .076 |
| Northeast | 37.38 | 50.74 | 53.70 | .001** | .524 | 22.84 | 32.13 | 32.23 | .007** | .267 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 33.27 | 40.19 | 39.58 | .055 | Referent | 21.14 | 22.06 | 24.32 | .234 | Referent |
| Maj. African-American (≥50%) | 16.56 | 45.57 | 37.22 | .066 | .663 | 11.99 | 27.91 | 28.23 | .101 | .505 |
| Maj. Hispanic/Latino (≥50%) | 35.29 | 60.96 | 63.12 | .003** | .000*** | 18.61 | 30.49 | 44.30 | .000*** | .000*** |
| Mixed | 44.82 | 45.58 | 45.08 | .971 | .136 | 24.90 | 29.35 | 24.73 | .971 | .885 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 31.93 | 40.31 | 42.75 | .025* | Referent | 16.36 | 20.87 | 24.99 | .004** | Referent |
| Mid FRL (Middle SES) | 36.61 | 43.98 | 38.78 | .647 | .258 | 23.78 | 25.91 | 23.06 | .866 | .489 |
| High FRL (Low SES) | 34.36 | 43.74 | 44.14 | .047* | .710 | 22.97 | 25.61 | 29.77 | .094 | .120 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 30.63 | 48.31 | 48.41 | .027* | Referent | 16.68 | 25.40 | 31.96 | .004** | Referent |
| Suburb | 32.03 | 39.94 | 45.79 | .003** | .637 | 18.28 | 20.89 | 27.83 | .002** | .324 |
| Rural | 36.92 | 42.38 | 37.74 | .858 | .046* | 25.93 | 25.86 | 24.14 | .630 | .063 |
| Township | 32.06 | 45.23 | 44.28 | .051 | .481 | 15.44 | 22.82 | 25.32 | .017* | .147 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.73 | 41.69 | 38.23 | .364 | .003** | 22.35 | 24.14 | 22.90 | .862 | .006** |
| Medium | 34.10 | 42.97 | 45.76 | .005** | .509 | 18.56 | 22.60 | 29.33 | .000*** | .848 |
| Large | 28.65 | 51.04 | 48.07 | .000*** | Referent | 16.72 | 30.35 | 29.83 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 49.42 | 48.18 | 63.01 | .102 | Referent | 21.05 | 20.07 | 32.79 | .056 | Referent |
| Midwest | 29.26 | 38.80 | 31.70 | .576 | .000*** | 18.11 | 19.78 | 21.66 | .349 | .026* |
| South | 33.86 | 40.78 | 40.51 | .089 | .000*** | 26.04 | 30.71 | 30.15 | .262 | .567 |
| Northeast | 31.32 | 47.72 | 51.38 | .001** | .090 | 19.68 | 27.28 | 26.19 | .155 | .211 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 20.59 | 19.56 | 29.00 | .003** | Referent | 11.91 | 8.67 | 13.22 | .533 | Referent |
| Maj. African-American (≥50%) | 9.26 | 27.55 | 19.20 | .148 | .039* | 2.66 | 12.91 | 8.10 | .044* | .044* |
| Maj. Hispanic/Latino (≥50%) | 21.19 | 29.63 | 40.04 | .040* | .100 | 6.98 | 16.99 | 20.50 | .023* | .171 |
| Mixed | 21.47 | 26.65 | 30.59 | .110 | .650 | 13.01 | 12.77 | 15.75 | .422 | .284 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 18.69 | 18.49 | 33.13 | .000*** | Referent | 11.55 | 8.80 | 13.31 | .518 | Referent |
| Mid FRL (Middle SES) | 17.71 | 19.79 | 29.02 | .004** | .239 | 10.69 | 7.77 | 14.86 | .110 | .538 |
| High FRL (Low SES) | 23.85 | 28.01 | 24.99 | .807 | .007** | 11.37 | 14.35 | 12.10 | .807 | .613 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 16.77 | 26.72 | 34.59 | .003** | Referent | 10.16 | 13.24 | 17.77 | .084 | Referent |
| Suburb | 21.76 | 16.47 | 29.12 | .054 | .289 | 13.85 | 10.07 | 14.20 | .905 | .362 |
| Rural | 22.15 | 23.61 | 30.41 | .060 | .407 | 11.86 | 9.60 | 13.95 | .471 | .336 |
| Township | 16.34 | 21.73 | 25.81 | .039* | .119 | 8.10 | 10.59 | 11.84 | .190 | .148 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 20.28 | 20.07 | 26.51 | .083 | .084 | 11.01 | 8.75 | 12.06 | .664 | .061 |
| Medium | 19.36 | 23.03 | 32.93 | .000*** | .760 | 11.47 | 12.88 | 15.71 | .113 | .817 |
| Large | 22.37 | 35.11 | 31.88 | .034* | Referent | 11.98 | 13.31 | 16.26 | .115 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 23.75 | 23.27 | 43.44 | .037* | Referent | 11.34 | 14.13 | 19.03 | .098 | Referent |
| Midwest | 23.00 | 19.23 | 29.16 | .121 | .030* | 12.98 | 9.35 | 13.96 | .743 | .193 |
| South | 17.15 | 26.96 | 21.28 | .246 | .001** | 7.29 | 8.62 | 10.02 | .304 | .018* |
| Northeast | 16.44 | 19.55 | 31.33 | .001** | .083 | 12.78 | 10.35 | 15.44 | .396 | .335 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 16.66 | 23.34 | 24.83 | .008** | Referent | 5.88 | 7.79 | 8.50 | .203 | Referent |
| Maj. African-American (≥50%) | 13.18 | 38.70 | 22.98 | .351 | .718 | 7.40 | 21.37 | 3.18 | .542 | .012* |
| Maj. Hispanic/Latino (≥50%) | 20.87 | 45.42 | 35.48 | .223 | .190 | 7.23 | 18.97 | 19.95 | .021* | .016* |
| Mixed | 30.11 | 23.49 | 26.69 | .623 | .602 | 15.18 | 9.18 | 9.64 | .216 | .641 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 19.64 | 25.26 | 30.08 | .030* | Referent | 5.85 | 7.73 | 12.92 | .033* | Referent |
| Mid FRL (Middle SES) | 15.74 | 22.83 | 22.12 | .082 | .065 | 5.09 | 8.06 | 6.47 | .493 | .032* |
| High FRL (Low SES) | 20.58 | 29.64 | 23.71 | .563 | .130 | 10.88 | 13.22 | 7.21 | .329 | .059 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 21.15 | 33.23 | 29.42 | .301 | Referent | 10.98 | 16.63 | 11.15 | .971 | Referent |
| Suburb | 16.54 | 30.44 | 27.77 | .002** | .790 | 3.75 | 8.74 | 9.18 | .012* | .603 |
| Rural | 20.77 | 22.77 | 25.80 | .304 | .579 | 8.83 | 9.40 | 9.19 | .919 | .623 |
| Township | 15.67 | 24.75 | 22.33 | .248 | .288 | 6.30 | 7.80 | 8.52 | .443 | .498 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 18.24 | 23.92 | 24.49 | .128 | .952 | 7.39 | 8.71 | 7.90 | .856 | .054 |
| Medium | 20.09 | 29.49 | 28.88 | .020* | .236 | 7.64 | 11.06 | 9.41 | .448 | .146 |
| Large | 17.88 | 28.15 | 24.71 | .101 | Referent | 6.13 | 12.04 | 12.75 | .003** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 38.34 | 30.23 | 36.49 | .837 | Referent | 21.05 | 13.46 | 21.63 | .939 | Referent |
| Midwest | 16.38 | 24.05 | 22.95 | .099 | .027* | 4.90 | 8.89 | 7.42 | .352 | .006** |
| South | 13.17 | 16.46 | 18.68 | .249 | .003** | 6.63 | 9.86 | 7.24 | .834 | .004** |
| Northeast | 14.50 | 35.87 | 33.08 | .000*** | .590 | 2.17 | 7.43 | 7.15 | .015* | .004** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.30 | 44.06 | 46.85 | .000*** | Referent | 24.29 | 31.91 | 32.06 | .000*** | Referent |
| Maj. African-American (≥50%) | 14.50 | 52.74 | 46.96 | .000*** | .984 | 9.92 | 40.70 | 31.98 | .001** | .983 |
| Maj. Hispanic/Latino (≥50%) | 26.09 | 52.22 | 48.09 | .001** | .755 | 20.82 | 41.65 | 38.10 | .002** | .075 |
| Mixed | 36.84 | 42.14 | 44.03 | .107 | .326 | 26.01 | 32.76 | 31.09 | .172 | .670 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 33.27 | 41.10 | 48.59 | .000*** | Referent | 22.45 | 28.87 | 33.80 | .000*** | Referent |
| Mid FRL (Middle SES) | 36.22 | 46.05 | 44.68 | .024* | .139 | 24.41 | 34.08 | 30.67 | .021* | .186 |
| High FRL (Low SES) | 32.08 | 47.09 | 45.06 | .001** | .240 | | | | .007** | .464 |
| | | | | | | 23.85 | 36.70 | 31.94 | | |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 28.16 | 44.40 | 51.18 | .000*** | Referent | 19.79 | 33.25 | 36.86 | .000*** | Referent |
| Suburb | 36.25 | 41.64 | 47.49 | .002** | .345 | 24.06 | 28.44 | 33.20 | .001** | .236 |
| Rural | 34.48 | 44.38 | 44.08 | .008** | .058 | 25.09 | 34.28 | 30.82 | .045* | .045* |
| Township | 32.14 | 50.90 | 46.84 | .004** | .286 | 21.42 | 36.54 | 31.82 | .005** | .132 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 32.47 | 43.02 | 43.38 | .001** | .008** | 23.28 | 33.07 | 29.09 | .018* | .000*** |
| Medium | 36.73 | 48.08 | 48.75 | .000*** | .509 | 23.91 | 32.42 | 34.34 | .000*** | .094 |
| Large | 34.02 | 48.74 | 50.34 | .003** | Referent | 24.26 | 37.12 | 37.65 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.95 | 47.00 | 50.98 | .014* | Referent | 25.58 | 35.41 | 38.65 | .016* | Referent |
| Midwest | 35.96 | 48.26 | 46.86 | .004** | .372 | 25.29 | 33.73 | 29.24 | .187 | .022* |
| South | 31.03 | 40.72 | 41.17 | .009** | .028* | 23.38 | 33.15 | 31.35 | .003** | .062 |
| Northeast | 31.49 | 41.77 | 48.71 | .000*** | .613 | 19.20 | 30.68 | 35.20 | .000*** | .381 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 11.20 | 14.47 | .007** | Referent | -- | 8.59 | 12.62 | .000*** | Referent |
| Maj. African-American (≥50%) | -- | 16.82 | 13.37 | .281 | .582 | -- | 12.90 | 11.49 | .609 | .522 |
| Maj. Hispanic/Latino (≥50%) | -- | 15.14 | 19.57 | .374 | .164 | -- | 12.16 | 16.84 | .278 | .195 |
| Mixed | -- | 13.32 | 15.91 | .430 | .486 | -- | 11.65 | 12.92 | .678 | .867 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.07 | 15.73 | .000*** | Referent | -- | 7.66 | 14.20 | .000*** | Referent |
| Mid FRL (Middle SES) | -- | 10.73 | 15.07 | .015* | .710 | -- | 7.98 | 12.32 | .004** | .230 |
| High FRL (Low SES) | -- | 15.15 | 13.77 | .524 | .265 | -- | 12.67 | 11.88 | .687 | .157 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 15.01 | 17.00 | .458 | Referent | -- | 14.15 | 15.30 | .650 | Referent |
| Suburb | -- | 10.41 | 16.53 | .000*** | .836 | -- | 6.95 | 13.87 | .000*** | .469 |
| Rural | -- | 12.59 | 13.68 | .540 | .135 | -- | 9.84 | 11.67 | .248 | .066 |
| Township | -- | 11.89 | 15.17 | .177 | .452 | -- | 10.19 | 13.02 | .190 | .284 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 10.59 | 12.98 | .131 | .019* | -- | 7.96 | 11.30 | .015* | .049* |
| Medium | -- | 13.41 | 17.35 | .038* | .854 | -- | 10.98 | 14.81 | .031* | .659 |
| Large | -- | 14.50 | 17.02 | .134 | Referent | -- | 12.10 | 14.15 | .152 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 17.94 | 24.14 | .181 | Referent | -- | 15.31 | 20.28 | .235 | Referent |
| Midwest | -- | 11.25 | 14.67 | .029* | .018* | -- | 8.88 | 13.69 | .001** | .054 |
| South | -- | 8.53 | 9.20 | .739 | .000*** | -- | 7.48 | 8.05 | .753 | .000*** |
| Northeast | -- | 13.61 | 17.38 | .046* | .089 | -- | 9.12 | 12.88 | .025* | .034* |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table A-4. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, District Weighted, High School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 31.22 | 41.63 | 43.54 | .000*** | 17.40 | 23.17 | 24.58 | .000*** |
| Nutrition Education | 42.50 | 56.73 | 57.67 | .000*** | 29.46 | 36.25 | 35.98 | .007** |
| School Meals | 32.07 | 44.03 | 46.39 | .000*** | 17.70 | 22.34 | 24.42 | .000*** |
| Competitive Foods & Beverages | 36.16 | 47.37 | 47.10 | .000*** | 9.09 | 13.09 | 14.65 | .000*** |
| Physical Education | 24.59 | 31.85 | 35.11 | .000*** | 16.50 | 21.90 | 23.98 | .000*** |
| Physical Activity | 34.73 | 46.76 | 46.94 | .000*** | 22.61 | 30.82 | 30.67 | .000*** |
| Communication & Stakeholders | 31.52 | 40.78 | 42.04 | .001** | 20.13 | 24.53 | 27.02 | .006** |
| Staff Wellness | 18.53 | 22.67 | 29.40 | .000*** | 10.69 | 10.15 | 14.30 | .042* |
| Marketing & Promotion | 16.41 | 25.07 | 26.80 | .000*** | 5.90 | 8.97 | 10.91 | .005** |
| Evaluation & Implementation | 31.73 | 43.85 | 46.61 | .000*** | 21.98 | 32.52 | 32.90 | .000*** |
| Reporting Requirements | -- | 11.17 | 15.40 | .000*** | -- | 9.16 | 13.26 | .000*** |

SCORES BY DISTRICT CHARACTERISTICS

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 31.98 | 41.51 | 42.20 | .001** | Referent | 17.80 | 22.91 | 23.31 | .002** | Referent |
| Maj. African-American (≥50%) | 19.45 | 40.05 | 46.87 | .016* | .055 | 11.47 | 22.85 | 26.70 | .039* | .035* |
| Maj. Hispanic/Latino (≥50%) | 26.48 | 49.07 | 48.86 | .004** | .184 | 13.57 | 27.52 | 29.15 | .002** | .102 |
| Mixed | 33.48 | 41.14 | 44.09 | .002** | .382 | 19.33 | 23.27 | 25.42 | .008** | .169 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 30.23 | 40.73 | 44.41 | .000*** | Referent | 16.64 | 22.36 | 24.87 | .000*** | Referent |
| Mid FRL (Middle SES) | 35.31 | 41.64 | 42.92 | .009** | .485 | 19.81 | 23.56 | 24.03 | .024* | .581 |
| High FRL (Low SES) | 28.64 | 43.07 | 42.45 | .006** | .426 | 16.02 | 23.77 | 23.94 | .008** | .562 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.91 | 35.61 | 44.51 | .001** | Referent | 15.11 | 20.20 | 26.33 | .000*** | Referent |
| Suburb | 34.34 | 40.25 | 47.37 | .000*** | .439 | 19.93 | 23.44 | 27.57 | .000*** | .602 |
| Rural | 31.28 | 43.52 | 42.00 | .010* | .497 | 17.42 | 23.72 | 22.78 | .030* | .128 |
| Township | 29.85 | 40.11 | 41.05 | .013* | .411 | 16.23 | 22.59 | 23.05 | .014* | .225 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 30.10 | 40.52 | 39.78 | .005** | .000*** | 16.88 | 22.32 | 21.57 | .021* | .000*** |
| Medium | 33.98 | 43.13 | 45.43 | .000*** | .119 | 18.93 | 24.48 | 26.14 | .000*** | .181 |
| Large | 32.08 | 48.16 | 48.28 | .001** | Referent | 16.83 | 27.35 | 28.00 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 34.84 | 44.24 | 50.91 | .003** | Referent | 18.01 | 26.03 | 31.61 | .000*** | Referent |
| Midwest | 28.88 | 38.01 | 41.04 | .010* | .042* | 16.33 | 21.11 | 23.21 | .016* | .013* |
| South | 32.84 | 44.63 | 39.88 | .026* | .020* | 17.58 | 23.48 | 20.72 | .106 | .001** |
| Northeast | 30.93 | 42.82 | 48.75 | .000*** | .654 | 18.66 | 24.82 | 28.11 | .000*** | .295 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 43.64 | 57.30 | 58.52 | .000*** | Referent | 30.20 | 37.33 | 35.36 | .087 | Referent |
| Maj. African-American (≥50%) | 21.39 | 50.32 | 59.22 | .003** | .865 | 16.97 | 31.70 | 39.61 | .041* | .215 |
| Maj. Hispanic/Latino (≥50%) | 35.92 | 62.05 | 55.88 | .040* | .652 | 23.50 | 39.66 | 36.65 | .093 | .795 |
| Mixed | 46.79 | 56.23 | 54.95 | .109 | .206 | 32.81 | 33.56 | 36.46 | .397 | .621 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 40.48 | 55.32 | 60.04 | .000*** | Referent | 27.42 | 37.12 | 39.59 | .001** | Referent |
| Mid FRL (Middle SES) | 48.49 | 55.41 | 57.74 | .024* | .434 | 34.76 | 37.11 | 34.82 | .987 | .065 |
| High FRL (Low SES) | 39.32 | 60.54 | 55.30 | .022* | .171 | 26.77 | 35.10 | 33.63 | .173 | .031* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 40.96 | 42.76 | 55.93 | .040* | Referent | 26.07 | 25.53 | 38.68 | .019* | Referent |
| Suburb | 45.63 | 55.87 | 61.23 | .000*** | .252 | 33.49 | 42.59 | 40.21 | .030* | .683 |
| Rural | 42.38 | 60.11 | 58.49 | .003** | .593 | 29.37 | 36.81 | 35.15 | .164 | .362 |
| Township | 40.95 | 53.91 | 53.01 | .063 | .591 | 27.73 | 32.74 | 31.57 | .449 | .100 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 41.31 | 55.25 | 54.59 | .006** | .002** | 29.13 | 33.79 | 33.09 | .270 | .002** |
| Medium | 45.16 | 60.14 | 58.35 | .000*** | .023* | 30.57 | 42.55 | 37.17 | .011* | .115 |
| Large | 44.90 | 61.29 | 63.70 | .007** | Referent | 29.14 | 39.17 | 40.50 | .017* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 48.57 | 50.15 | 57.91 | .283 | Referent | 34.38 | 34.23 | 40.53 | .350 | Referent |
| Midwest | 39.59 | 53.29 | 56.25 | .007** | .780 | 28.14 | 35.32 | 36.52 | .070 | .413 |
| South | 47.54 | 65.90 | 56.68 | .040* | .834 | 28.21 | 34.26 | 29.20 | .782 | .017* |
| Northeast | 37.55 | 55.14 | 61.63 | .000*** | .521 | 29.83 | 41.75 | 41.22 | .005** | .891 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 32.64 | 43.08 | 43.58 | .001** | Referent | 18.18 | 22.50 | 23.09 | .015* | Referent |
| Maj. African-American (≥50%) | 23.30 | 42.23 | 52.31 | .043* | .012* | 13.51 | 19.86 | 26.65 | .160 | .129 |
| Maj. Hispanic/Latino (≥50%) | 29.66 | 54.20 | 56.34 | .001** | .026* | 12.40 | 26.50 | 25.26 | .007** | .561 |
| Mixed | 33.00 | 45.98 | 49.02 | .000*** | .059 | 19.40 | 21.94 | 26.66 | .006** | .062 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 30.81 | 42.43 | 46.35 | .000*** | Referent | 18.18 | 23.19 | 25.27 | .010* | Referent |
| Mid FRL (Middle SES) | 34.44 | 43.93 | 45.06 | .002** | .654 | 19.62 | 23.75 | 23.83 | .045* | .449 |
| High FRL (Low SES) | 31.44 | 46.28 | 47.09 | .009** | .827 | 15.72 | 20.30 | 22.90 | .028* | .259 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 29.07 | 39.06 | 46.53 | .002** | Referent | 14.80 | 20.25 | 24.55 | .004** | Referent |
| Suburb | 33.67 | 38.63 | 46.71 | .000*** | .966 | 20.95 | 23.91 | 26.13 | .041* | .567 |
| Rural | 33.27 | 47.91 | 47.95 | .003** | .738 | 18.09 | 21.78 | 24.13 | .031* | .879 |
| Township | 29.45 | 39.77 | 42.11 | .010* | .362 | 15.48 | 23.65 | 22.07 | .021* | .399 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 31.41 | 44.45 | 43.78 | .003** | .019* | 17.52 | 21.44 | 22.54 | .034* | .050 |
| Medium | 33.93 | 41.52 | 47.01 | .000*** | .177 | 18.39 | 24.02 | 25.38 | .001** | .732 |
| Large | 32.19 | 50.12 | 50.27 | .001** | Referent | 17.32 | 25.77 | 25.98 | .003** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 28.79 | 42.31 | 49.85 | .001** | Referent | 18.20 | 25.10 | 27.92 | .011* | Referent |
| Midwest | 29.77 | 39.51 | 41.77 | .023* | .174 | 16.73 | 22.04 | 24.48 | .012* | .355 |
| South | 39.37 | 53.07 | 49.99 | .013* | .981 | 16.83 | 18.83 | 19.70 | .295 | .023* |
| Northeast | 29.86 | 41.67 | 48.41 | .000*** | .807 | 20.09 | 25.81 | 28.47 | .007** | .883 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.90 | 46.92 | 44.69 | .044* | Referent | 8.99 | 11.56 | 12.41 | .026* | Referent |
| Maj. African-American (≥50%) | 20.74 | 45.55 | 49.17 | .019* | .260 | 5.95 | 15.51 | 14.49 | .074 | .358 |
| Maj. Hispanic/Latino (≥50%) | 34.94 | 47.65 | 58.52 | .008** | .014* | 10.22 | 14.45 | 24.29 | .001** | .000*** |
| Mixed | 37.64 | 49.66 | 49.00 | .012* | .130 | 10.15 | 17.20 | 17.27 | .005** | .019* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.52 | 48.18 | 49.09 | .007** | Referent | 9.21 | 12.39 | 14.68 | .012* | Referent |
| Mid FRL (Middle SES) | 40.20 | 45.52 | 46.57 | .076 | .376 | 10.15 | 11.69 | 14.61 | .012* | .970 |
| High FRL (Low SES) | 32.52 | 49.57 | 45.01 | .060 | .233 | 8.15 | 15.50 | 14.27 | .006** | .828 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 33.63 | 40.63 | 45.93 | .056 | Referent | 10.78 | 15.31 | 16.60 | .074 | Referent |
| Suburb | 38.71 | 47.34 | 53.81 | .000*** | .073 | 12.22 | 13.55 | 19.15 | .003*** | .357 |
| Rural | 36.29 | 51.11 | 45.59 | .082 | .941 | 8.16 | 13.40 | 11.90 | .047* | .059 |
| Township | 34.85 | 38.09 | 42.29 | .184 | .486 | 8.16 | 10.12 | 13.11 | .045* | .247 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.65 | 46.99 | 42.54 | .119 | .000*** | 8.25 | 12.39 | 11.19 | .088 | .000*** |
| Medium | 36.89 | 46.21 | 48.46 | .001** | .016* | 11.06 | 12.51 | 16.18 | .011* | .103 |
| Large | 39.62 | 56.17 | 54.58 | .017* | Referent | 9.64 | 21.58 | 19.19 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.02 | 45.85 | 55.40 | .011* | Referent | 8.61 | 16.80 | 28.43 | .000*** | Referent |
| Midwest | 30.84 | 38.52 | 39.48 | .098 | .005** | 6.00 | 7.74 | 8.75 | .128 | .000*** |
| South | 43.01 | 57.56 | 47.08 | .485 | .147 | 11.00 | 18.24 | 12.23 | .519 | .000*** |
| Northeast | 34.86 | 51.35 | 56.80 | .000*** | .800 | 12.61 | 14.00 | 20.88 | .006** | .067 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 25.30 | 31.24 | 33.41 | .007** | Referent | 17.33 | 21.86 | 22.64 | .015* | Referent |
| Maj. African-American (≥50%) | 16.64 | 36.44 | 43.14 | .008** | .006** | 10.80 | 25.21 | 31.82 | .002** | .001** |
| Maj. Hispanic/Latino (≥50%) | 17.38 | 40.01 | 43.10 | .001** | .096 | 9.83 | 24.88 | 27.30 | .001** | .268 |
| Mixed | 27.38 | 30.37 | 35.02 | .073 | .592 | 17.33 | 20.07 | 24.62 | .014* | .373 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 22.80 | 29.90 | 32.80 | .003** | Referent | 14.97 | 21.19 | 22.37 | .002** | Referent |
| Mid FRL (Middle SES) | 29.20 | 31.83 | 35.95 | .048* | .221 | 20.10 | 21.92 | 24.38 | .104 | .309 |
| High FRL (Low SES) | 22.01 | 34.03 | 36.24 | .002** | .231 | 14.52 | 22.80 | 24.79 | .002** | .254 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 22.71 | 28.39 | 37.72 | .004** | Referent | 13.49 | 19.08 | 25.60 | .000*** | Referent |
| Suburb | 30.82 | 33.52 | 40.16 | .002** | .535 | 19.77 | 24.74 | 28.15 | .000*** | .362 |
| Rural | 23.63 | 31.77 | 31.76 | .043* | .142 | 15.72 | 21.56 | 21.37 | .043* | .134 |
| Township | 22.58 | 32.10 | 34.14 | .015* | .431 | 16.61 | 21.30 | 23.12 | .079 | .439 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 22.57 | 29.30 | 30.89 | .017* | .002** | 15.33 | 20.46 | 20.74 | .030* | .005** |
| Medium | 29.69 | 36.99 | 38.03 | .004** | .570 | 20.09 | 25.36 | 26.72 | .002** | .864 |
| Large | 24.57 | 39.06 | 39.48 | .001** | Referent | 13.84 | 24.36 | 26.39 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.86 | 39.85 | 47.19 | .029* | Referent | 18.39 | 26.99 | 30.89 | .010* | Referent |
| Midwest | 23.69 | 28.52 | 34.41 | .018* | .032* | 16.94 | 20.14 | 24.69 | .022* | .137 |
| South | 19.92 | 30.48 | 28.68 | .012* | .002** | 12.89 | 19.30 | 17.89 | .055 | .002** |
| Northeast | 26.64 | 34.93 | 37.63 | .002** | .109 | 18.66 | 25.45 | 26.52 | .003** | .292 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.37 | 48.06 | 45.72 | .010* | Referent | 23.18 | 31.37 | 29.58 | .014* | Referent |
| Maj. African-American (≥50%) | 20.73 | 33.08 | 49.48 | .028* | .389 | 16.32 | 20.45 | 32.88 | .128 | .308 |
| Maj. Hispanic/Latino (≥50%) | 28.89 | 58.39 | 52.23 | .003** | .248 | 19.29 | 33.82 | 39.16 | .001** | .022* |
| Mixed | 32.64 | 45.34 | 47.15 | .002** | .670 | 23.17 | 32.51 | 28.80 | .093 | .730 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 33.49 | 47.08 | 50.54 | .000*** | Referent | 21.70 | 30.41 | 31.13 | .006** | Referent |
| Mid FRL (Middle SES) | 40.41 | 50.08 | 46.12 | .144 | .181 | 25.07 | 33.12 | 30.58 | .043* | .832 |
| High FRL (Low SES) | 31.18 | 43.49 | 42.74 | .045* | .031* | 21.45 | 29.03 | 28.53 | .097 | .346 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.53 | 38.17 | 53.44 | .000*** | Referent | 18.06 | 23.36 | 34.51 | .000*** | Referent |
| Suburb | 35.72 | 42.18 | 49.13 | .001** | .382 | 22.20 | 27.87 | 32.48 | .000*** | .590 |
| Rural | 36.68 | 49.59 | 45.21 | .102 | .106 | 24.22 | 33.54 | 27.99 | .317 | .094 |
| Township | 32.34 | 47.34 | 44.03 | .029* | .093 | 21.08 | 29.13 | 30.51 | .012* | .354 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 33.87 | 46.83 | 42.98 | .026* | .004** | 22.59 | 31.17 | 27.55 | .108 | .002** |
| Medium | 37.81 | 46.18 | 49.01 | .002** | .344 | 23.18 | 29.62 | 31.64 | .001** | .118 |
| Large | 31.80 | 49.84 | 51.64 | .000*** | Referent | 21.16 | 32.68 | 34.74 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 36.94 | 54.84 | 52.95 | .010* | Referent | 21.81 | 33.49 | 33.31 | .009** | Referent |
| Midwest | 31.06 | 44.48 | 45.69 | .007** | .214 | 19.29 | 28.35 | 29.91 | .005** | .380 |
| South | 36.30 | 45.10 | 39.18 | .468 | .017* | 27.52 | 32.96 | 27.84 | .926 | .154 |
| Northeast | 37.85 | 48.25 | 56.06 | .000*** | .600 | 23.25 | 31.00 | 34.30 | .003** | .811 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 31.48 | 40.63 | 39.64 | .037* | Referent | 20.43 | 23.49 | 25.43 | .107 | Referent |
| Maj. African-American (≥50%) | 21.50 | 36.36 | 35.50 | .328 | .328 | 15.57 | 21.20 | 21.85 | .587 | .357 |
| Maj. Hispanic/Latino (≥50%) | 29.98 | 52.35 | 51.96 | .020* | .052 | 16.21 | 34.64 | 39.17 | .000*** | .006** |
| Mixed | 36.45 | 40.70 | 45.90 | .118 | .082 | 22.25 | 27.43 | 26.59 | .268 | .687 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 29.71 | 42.05 | 41.93 | .014* | Referent | 17.74 | 22.94 | 25.30 | .021* | Referent |
| Mid FRL (Middle SES) | 36.33 | 42.07 | 39.79 | .456 | .540 | 22.84 | 26.29 | 25.13 | .598 | .954 |
| High FRL (Low SES) | 28.71 | 38.61 | 41.97 | .028* | .993 | 19.75 | 24.19 | 27.87 | .086 | .398 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.03 | 38.04 | 40.45 | .035* | Referent | 15.93 | 20.06 | 27.13 | .007** | Referent |
| Suburb | 31.15 | 37.89 | 47.67 | .001** | .154 | 19.43 | 19.81 | 29.18 | .002** | .560 |
| Rural | 32.94 | 41.70 | 36.94 | .458 | .471 | 23.28 | 27.38 | 25.24 | .660 | .600 |
| Township | 30.64 | 42.66 | 44.35 | .020* | .487 | 15.62 | 22.81 | 25.93 | .015* | .766 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 31.83 | 39.94 | 37.22 | .235 | .004** | 21.02 | 24.66 | 23.39 | .519 | .016* |
| Medium | 31.93 | 40.49 | 44.74 | .002** | .512 | 18.89 | 22.47 | 29.12 | .000*** | .849 |
| Large | 27.80 | 50.51 | 47.02 | .000*** | Referent | 16.96 | 30.87 | 29.64 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 39.93 | 46.22 | 59.74 | .014* | Referent | 16.88 | 25.14 | 33.03 | .005** | Referent |
| Midwest | 26.40 | 36.28 | 33.39 | .217 | .000*** | 16.80 | 18.66 | 23.17 | .167 | .070 |
| South | 33.42 | 40.53 | 38.20 | .249 | .001** | 26.52 | 30.70 | 28.66 | .586 | .376 |
| Northeast | 32.53 | 46.13 | 53.09 | .001** | .358 | 20.74 | 26.98 | 28.61 | .079 | .411 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 18.10 | 21.42 | 28.41 | .001** | Referent | 10.81 | 9.52 | 13.41 | .244 | Referent |
| Maj. African-American (≥50%) | 12.02 | 22.65 | 25.34 | .161 | .621 | 3.45 | 10.13 | 12.30 | .038* | .772 |
| Maj. Hispanic/Latino (≥50%) | 19.24 | 31.73 | 33.14 | .100 | .410 | 5.67 | 16.36 | 15.82 | .040* | .569 |
| Mixed | 23.36 | 25.15 | 30.99 | .126 | .474 | 15.74 | 11.08 | 15.50 | .943 | .354 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 17.43 | 19.95 | 31.38 | .000*** | Referent | 11.91 | 9.38 | 13.09 | .688 | Referent |
| Mid FRL (Middle SES) | 17.80 | 21.13 | 29.03 | .004** | .511 | 10.71 | 8.37 | 14.40 | .173 | .621 |
| High FRL (Low SES) | 20.53 | 27.31 | 26.58 | .228 | .144 | 9.92 | 13.10 | 13.90 | .229 | .749 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 14.95 | 20.67 | 32.53 | .001** | Referent | 9.43 | 9.49 | 15.97 | .088 | Referent |
| Suburb | 22.50 | 18.16 | 31.33 | .020* | .801 | 16.28 | 10.84 | 15.52 | .822 | .892 |
| Rural | 18.64 | 24.64 | 28.66 | .021* | .419 | 10.15 | 9.84 | 14.03 | .199 | .576 |
| Township | 16.54 | 22.37 | 26.41 | .038* | .264 | 8.12 | 10.82 | 11.40 | .267 | .200 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 18.13 | 21.24 | 25.91 | .035* | .071 | 10.54 | 8.92 | 12.37 | .497 | .142 |
| Medium | 18.71 | 23.05 | 32.13 | .000*** | .909 | 10.77 | 12.72 | 15.02 | .098 | .672 |
| Large | 22.58 | 35.39 | 31.74 | .044* | Referent | 12.30 | 13.29 | 15.98 | .186 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 17.07 | 26.71 | 37.51 | .006** | Referent | 8.59 | 15.09 | 16.93 | .017* | Referent |
| Midwest | 21.36 | 19.56 | 32.05 | .034* | .387 | 12.37 | 9.40 | 16.74 | .231 | .957 |
| South | 16.99 | 26.93 | 20.15 | .368 | .005** | 7.03 | 8.65 | 9.33 | .369 | .013* |
| Northeast | 16.39 | 20.43 | 31.65 | .001** | .390 | 13.47 | 10.50 | 14.61 | .712 | .461 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 14.74 | 23.57 | 25.08 | .002** | Referent | 4.46 | 7.94 | 9.05 | .023* | Referent |
| Maj. African-American (≥50%) | 17.11 | 31.73 | 29.18 | .380 | .464 | 9.60 | 16.05 | 4.84 | .603 | .099 |
| Maj. Hispanic/Latino (≥50%) | 15.94 | 45.67 | 27.32 | .287 | .728 | 3.98 | 13.76 | 16.11 | .018* | .153 |
| Mixed | 27.65 | 23.24 | 29.26 | .807 | .242 | 15.46 | 8.68 | 13.75 | .710 | .085 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 16.25 | 26.20 | 30.55 | .002** | Referent | 4.24 | 7.38 | 13.63 | .006** | Referent |
| Mid FRL (Middle SES) | 16.80 | 22.26 | 22.53 | .163 | .074 | 4.81 | 8.02 | 7.13 | .264 | .037* |
| High FRL (Low SES) | 16.56 | 27.82 | 25.28 | .095 | .217 | 8.40 | 11.64 | 9.70 | .683 | .229 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 15.76 | 22.83 | 26.91 | .065 | Referent | 7.00 | 11.62 | 11.15 | .256 | Referent |
| Suburb | 15.52 | 33.99 | 29.71 | .000*** | .572 | 2.73 | 9.00 | 9.44 | .001** | .573 |
| Rural | 16.39 | 22.30 | 25.19 | .069 | .747 | 6.77 | 8.72 | 10.83 | .197 | .926 |
| Township | 17.29 | 25.33 | 24.58 | .215 | .685 | 6.13 | 8.27 | 10.08 | .200 | .754 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 15.26 | 23.64 | 25.47 | .022* | .943 | 5.94 | 8.53 | 10.20 | .124 | .309 |
| Medium | 19.15 | 28.88 | 27.80 | .013* | .542 | 6.01 | 9.51 | 9.00 | .185 | .083 |
| Large | 17.18 | 26.48 | 25.75 | .038* | Referent | 5.29 | 11.56 | 13.10 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 33.40 | 29.91 | 35.94 | .767 | Referent | 12.86 | 8.66 | 22.90 | .068 | Referent |
| Midwest | 12.69 | 25.01 | 25.93 | .003** | .091 | 4.82 | 9.30 | 9.66 | .134 | .013* |
| South | 13.50 | 17.45 | 18.10 | .337 | .001** | 7.14 | 10.17 | 9.07 | .554 | .005** |
| Northeast | 14.67 | 32.15 | 34.50 | .000*** | .816 | 1.58 | 6.99 | 8.41 | .002** | .003** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 33.13 | 44.94 | 47.38 | .000*** | Referent | 22.51 | 32.41 | 32.65 | .000*** | Referent |
| Maj. African-American (≥50%) | 18.82 | 43.10 | 49.70 | .006** | .598 | 12.88 | 33.61 | 33.63 | .012* | .783 |
| Maj. Hispanic/Latino (≥50%) | 22.22 | 51.07 | 40.33 | .012* | .169 | 18.33 | 42.09 | 34.29 | .008** | .705 |
| Mixed | 33.18 | 38.79 | 45.06 | .015* | .417 | 24.17 | 30.40 | 32.29 | .028* | .873 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 31.41 | 41.87 | 48.26 | .000*** | Referent | 21.18 | 29.01 | 34.29 | .000*** | Referent |
| Mid FRL (Middle SES) | 36.46 | 45.89 | 45.15 | .020* | .245 | 24.29 | 33.94 | 31.29 | .010* | .223 |
| High FRL (Low SES) | 27.86 | 43.82 | 45.05 | .001** | .312 | 20.82 | 34.44 | 32.14 | .005** | .422 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.55 | 37.60 | 47.11 | .000*** | Referent | 17.86 | 28.28 | 34.90 | .000*** | Referent |
| Suburb | 35.31 | 40.54 | 49.31 | .000*** | .589 | 24.17 | 27.13 | 34.97 | .000*** | .984 |
| Rural | 30.71 | 44.31 | 44.58 | .004** | .548 | 22.16 | 34.03 | 31.28 | .012* | .296 |
| Township | 32.73 | 49.90 | 46.68 | .008** | .926 | 21.29 | 36.20 | 32.19 | .003** | .469 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 29.98 | 42.21 | 43.04 | .001** | .009** | 21.44 | 32.41 | 29.17 | .011* | .000*** |
| Medium | 35.88 | 47.40 | 49.10 | .000*** | .650 | 23.11 | 31.88 | 34.71 | .000*** | .099 |
| Large | 33.15 | 48.33 | 50.20 | .001** | Referent | 23.58 | 36.68 | 37.99 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.98 | 48.00 | 50.50 | .001** | Referent | 21.02 | 35.05 | 39.49 | .000*** | Referent |
| Midwest | 31.91 | 45.91 | 48.47 | .005** | .686 | 22.65 | 32.69 | 30.87 | .063 | .050 |
| South | 30.87 | 40.72 | 39.92 | .026* | .035* | 23.45 | 33.05 | 30.66 | .012* | .034* |
| Northeast | 32.24 | 41.63 | 49.58 | .000*** | .851 | 19.76 | 29.98 | 35.78 | .000*** | .367 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 10.82 | 14.87 | .002** | Referent | -- | 8.55 | 13.08 | .000*** | Referent |
| Maj. African-American (≥50%) | -- | 14.44 | 15.64 | .720 | .714 | -- | 11.80 | 12.80 | .716 | .881 |
| Maj. Hispanic/Latino (≥50%) | -- | 10.88 | 16.57 | .256 | .664 | -- | 9.13 | 14.02 | .274 | .781 |
| Mixed | -- | 11.58 | 16.52 | .114 | .448 | -- | 10.68 | 13.51 | .330 | .817 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 9.88 | 15.91 | .000*** | Referent | -- | 8.05 | 14.16 | .000*** | Referent |
| Mid FRL (Middle SES) | -- | 10.23 | 15.03 | .007** | .636 | -- | 7.95 | 12.67 | .003** | .373 |
| High FRL (Low SES) | -- | 12.94 | 14.73 | .430 | .565 | -- | 11.05 | 12.69 | .428 | .445 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 11.83 | 15.38 | .126 | Referent | -- | 11.25 | 14.23 | .177 | Referent |
| Suburb | -- | 9.56 | 17.40 | .000*** | .361 | -- | 7.37 | 14.53 | .000*** | .882 |
| Rural | -- | 11.77 | 14.14 | .211 | .580 | -- | 9.29 | 12.29 | .081 | .348 |
| Township | -- | 11.05 | 15.49 | .073 | .963 | -- | 9.68 | 13.12 | .124 | .623 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 9.54 | 13.53 | .022* | .141 | -- | 7.56 | 12.09 | .004** | .358 |
| Medium | -- | 12.86 | 17.40 | .018* | .547 | -- | 10.84 | 14.59 | .038* | .517 |
| Large | -- | 12.84 | 16.28 | .029* | Referent | -- | 10.72 | 13.56 | .031* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 15.45 | 22.73 | .125 | Referent | -- | 13.57 | 18.30 | .269 | Referent |
| Midwest | -- | 10.45 | 16.14 | .001** | .115 | -- | 8.70 | 15.04 | .000*** | .356 |
| South | -- | 8.51 | 9.12 | .766 | .001** | -- | 7.47 | 7.96 | .791 | .003** |
| Northeast | -- | 13.20 | 17.86 | .012* | .242 | -- | 9.31 | 13.81 | .008** | .208 |

First year of data for reporting requirements was SY '10-'11; values shown under SY '09-'10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06-'07 for all scores, except SY '10-'11 for reporting score) through SY '13-'14.

District-weighted Summary of Wellness Policy Data

The following tables summarize data compiled school year 2006-07 through school year 2013-14. Table B-1 represents the percent of public school *districts* nationwide with wellness policy provisions across all grade levels. Tables B-2, B-3, and B-4 represent the percent of public school *districts* nationwide with wellness policy provisions at the elementary, middle, and high school levels, respectively.

We defined **STRONG POLICY PROVISIONS** as those that required action and specified an implementation plan or strategy. They included language such as *shall, must, require, comply, and enforce*. **WEAK POLICY PROVISIONS** offered suggestions or recommendations, and some required action but only for certain grade levels or times of day. They included language such as *should, might, encourage, some, make an effort to, partial, and try*.

Table B-1. Percentage of Public School Districts Nationwide with Wellness Policy Provisions, All Grades, School Years 2006-07 through 2013-2014

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | |
|--|--------------------|--|---------|---------|---------|---------|---------|---------|---------|--------------|--|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † | |
| NUTRITION EDUCATION | | | | | | | | | | | |
| Nutrition education goals | None | 28% | 20% | 5% | 10% | 8% | 5% | 5% | 7% | .000*** | |
| | Weak | 1% | 5% | 4% | 3% | 2% | 3% | 3% | 4% | | |
| | Strong | 70% | 75% | 91% | 88% | 90% | 93% | 92% | 89% | | |
| Nutrition curriculum for each grade | None | 43% | 41% | 22% | 25% | 20% | 20% | 22% | 26% | .005** | |
| | Weak | 29% | 33% | 44% | 42% | 45% | 45% | 41% | 41% | | |
| | Strong | 28% | 27% | 35% | 33% | 36% | 35% | 37% | 33% | | |
| School gardens | None | -- | -- | 89% | 89% | 86% | 83% | 84% | 86% | .111 | |
| | Weak | -- | -- | 11% | 11% | 13% | 16% | 15% | 12% | | |
| | Strong | -- | -- | 0% | 0% | 1% | 1% | 1% | 2% | | |
| Nutrition education training for teachers | None | 73% | 73% | 59% | 61% | 64% | 57% | 60% | 60% | .001** | |
| | Weak | 21% | 22% | 32% | 31% | 26% | 31% | 30% | 30% | | |
| | Strong | 6% | 6% | 9% | 8% | 10% | 11% | 11% | 10% | | |
| Nutrition education integrated into other subjects | None | 61% | 62% | 54% | 50% | 54% | 49% | 50% | 49% | .040* | |
| | Weak | 12% | 13% | 16% | 17% | 17% | 20% | 20% | 20% | | |
| | Strong | 27% | 25% | 31% | 33% | 29% | 31% | 30% | 31% | | |
| Nutrition education teaches behavior-focused skills | None | 43% | 40% | 21% | 25% | 25% | 22% | 24% | 26% | .004** | |
| | Weak | 15% | 19% | 23% | 22% | 22% | 25% | 24% | 21% | | |
| | Strong | 43% | 41% | 56% | 52% | 52% | 52% | 52% | 53% | | |
| Number of nutrition education courses or hours specified | None | 99% | 98% | 97% | 97% | 95% | 93% | 93% | 93% | .002** | |
| | Weak | 1% | 1% | 1% | 2% | 4% | 7% | 7% | 5% | | |
| | Strong | 1% | 1% | 2% | 1% | 1% | 1% | 0% | 1% | | |

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | |
|--|--------------------|--|---------|---------|---------|---------|---------|---------|---------|--------------|--|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † | |
| SCHOOL MEALS | | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 33% | 24% | 15% | 13% | 13% | 13% | 12% | 12% | .000*** | |
| | Weak | 1% | 2% | 1% | 1% | 3% | 3% | 3% | 2% | | |
| | Strong | 66% | 74% | 84% | 86% | 85% | 85% | 85% | 86% | | |
| School Breakfast Program | None | 50% | 43% | 33% | 37% | 31% | 30% | 30% | 32% | .000*** | |
| | Weak | 16% | 18% | 17% | 17% | 22% | 19% | 18% | 15% | | |
| | Strong | 34% | 39% | 50% | 46% | 48% | 51% | 52% | 53% | | |
| Low-fat cooking methods | None | 84% | 84% | 77% | 79% | 74% | 75% | 75% | 75% | .005** | |
| | Weak | 13% | 13% | 20% | 18% | 23% | 20% | 20% | 18% | | |
| | Strong | 3% | 2% | 3% | 3% | 4% | 4% | 5% | 7% | | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Strategies to increase participation in meals | None | 66% | 63% | 46% | 44% | 44% | 43% | 46% | 47% | .006** |
| | Weak | 20% | 25% | 35% | 42% | 43% | 44% | 43% | 38% | |
| | Strong | 14% | 12% | 18% | 14% | 13% | 13% | 11% | 14% | |
| Closed campus at lunch | None | -- | -- | 96% | 95% | 94% | 94% | 94% | 94% | .685 |
| | Weak | -- | -- | 2% | 3% | 4% | 5% | 4% | 4% | |
| | Strong | -- | -- | 2% | 2% | 2% | 2% | 1% | 2% | |
| Recess before lunch (ES level only) | None | -- | -- | 77% | 77% | 79% | 71% | 72% | 75% | .642 |
| | Weak | -- | -- | 20% | 21% | 17% | 25% | 25% | 21% | |
| | Strong | -- | -- | 3% | 2% | 4% | 3% | 3% | 4% | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 56% | 51% | 38% | 41% | 36% | 39% | 41% | 40% | .007** |
| | Weak | 34% | 39% | 47% | 44% | 51% | 50% | 50% | 49% | |
| | Strong | 10% | 10% | 15% | 14% | 13% | 11% | 9% | 11% | |
| Nutrition-related training for food service staff | None | 77% | 72% | 63% | 65% | 64% | 62% | 63% | 57% | .000*** |
| | Weak | 18% | 22% | 31% | 29% | 27% | 27% | 29% | 32% | |
| | Strong | 5% | 7% | 5% | 6% | 9% | 10% | 8% | 11% | |
| Nutrition information for school meals | None | 84% | 84% | 76% | 79% | 82% | 80% | 81% | 80% | .272 |
| | Weak | 6% | 6% | 11% | 12% | 9% | 10% | 9% | 10% | |
| | Strong | 9% | 10% | 14% | 10% | 9% | 10% | 10% | 10% | |
| Farm-to-school/cafeteria program | None | 96% | 94% | 94% | 92% | 95% | 93% | 93% | 90% | .000*** |
| | Weak | 4% | 5% | 6% | 7% | 4% | 5% | 6% | 7% | |
| | Strong | 0% | 0% | 0% | 0% | 1% | 1% | 1% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 13% | 13% | .520 |
| | Weak | -- | -- | -- | -- | -- | -- | 4% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 85% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 13% | 13% | .535 |
| | Weak | -- | -- | -- | -- | -- | -- | 3% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 86% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 95% | 91% | 93% | 92% | 90% | .000*** |
| | Weak | -- | -- | -- | 3% | 1% | 1% | 1% | 1% | |
| | Strong | -- | -- | -- | 2% | 8% | 7% | 7% | 9% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 90% | 90% | 84% | .017* |
| | Weak | -- | -- | -- | -- | -- | 2% | 1% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 9% | 9% | 14% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 99% | 98% | .215 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 1% | 2% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 29% | 21% | 8% | 10% | 8% | 7% | 7% | 10% | .000*** |
| | Weak | 26% | 31% | 32% | 32% | 36% | 36% | 37% | 32% | |
| | Strong | 45% | 47% | 60% | 58% | 56% | 56% | 56% | 58% | |
| Nutrition guidelines apply to food & beverage contracts | None | 85% | 83% | 77% | 76% | 74% | 73% | 74% | 75% | .064 |
| | Weak | 2% | 3% | 6% | 7% | 5% | 7% | 7% | 5% | |
| | Strong | 13% | 14% | 17% | 17% | 21% | 20% | 19% | 20% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 98% | 98% | 99% | 99% | 99% | 99% | .501 |
| | Weak | -- | -- | 1% | 2% | 1% | 1% | 1% | 1% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 58% | 56% | 45% | 44% | 41% | 40% | 40% | 43% | .004** |
| | Weak | 34% | 36% | 51% | 52% | 53% | 54% | 53% | 46% | |
| | Strong | 8% | 8% | 5% | 4% | 6% | 6% | 7% | 11% | |
| Prohibits using food as a reward | None | 76% | 73% | 66% | 69% | 65% | 65% | 66% | 66% | .003** |
| | Weak | 18% | 21% | 24% | 22% | 24% | 25% | 23% | 21% | |
| | Strong | 7% | 6% | 9% | 9% | 11% | 10% | 11% | 13% | |
| Nutrition information for competitive foods and beverages | None | 94% | 93% | 94% | 91% | 94% | 93% | 94% | 92% | .199 |
| | Weak | 2% | 3% | 3% | 4% | 3% | 4% | 2% | 3% | |
| | Strong | 3% | 4% | 4% | 5% | 3% | 4% | 4% | 5% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 90% | 90% | 88% | 90% | 86% | 89% | 90% | 85% | .089 |
| | Weak | 2% | 2% | 3% | 3% | 1% | 0% | 1% | 3% | |
| | Strong | 8% | 8% | 9% | 7% | 13% | 10% | 10% | 12% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 95% | 94% | 91% | 93% | 93% | 94% | 95% | 96% | .674 |
| | Weak | 5% | 6% | 6% | 6% | 5% | 5% | 4% | 4% | |
| | Strong | 0% | 1% | 2% | 1% | 1% | 1% | 1% | 1% | |
| Bans fast food sales on campus | None | -- | -- | 99% | 99% | 100% | 100% | 100% | 100% | .272 |
| | Weak | -- | -- | 0% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 1% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 40% | 33% | 18% | 23% | 22% | 21% | 21% | 24% | .000*** |
| | Weak | 44% | 47% | 52% | 49% | 52% | 53% | 52% | 50% | |
| | Strong | 16% | 20% | 30% | 28% | 26% | 26% | 26% | 26% | |
| School store restrictions during the school day | None | 45% | 38% | 29% | 32% | 33% | 32% | 32% | 31% | .000*** |
| | Weak | 42% | 45% | 46% | 45% | 47% | 47% | 46% | 47% | |
| | Strong | 13% | 17% | 25% | 23% | 20% | 22% | 23% | 23% | |
| À la carte restrictions during meal times | None | 41% | 34% | 15% | 21% | 19% | 18% | 17% | 18% | .000*** |
| | Weak | 48% | 50% | 54% | 53% | 60% | 59% | 60% | 57% | |
| | Strong | 11% | 15% | 31% | 25% | 21% | 23% | 23% | 25% | |
| Classroom parties | None | 52% | 44% | 32% | 36% | 35% | 35% | 39% | 40% | .006** |
| | Weak | 48% | 55% | 66% | 64% | 64% | 64% | 60% | 60% | |
| | Strong | 0% | 1% | 1% | 0% | 1% | 1% | 1% | 1% | |
| Fundraisers during the school day | None | 59% | 50% | 37% | 40% | 37% | 35% | 35% | 39% | .000*** |
| | Weak | 40% | 47% | 43% | 42% | 46% | 48% | 48% | 44% | |
| | Strong | 1% | 2% | 21% | 18% | 17% | 17% | 17% | 17% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 34% | 24% | 10% | 12% | 11% | 10% | 9% | 12% | .000*** |
| | PE addressed | 66% | 76% | 90% | 88% | 89% | 90% | 91% | 88% | |
| PE curriculum for each grade | None | 53% | 51% | 34% | 35% | 23% | 22% | 22% | 30% | .002** |
| | Weak | 14% | 15% | 29% | 25% | 35% | 36% | 37% | 33% | |
| | Strong | 33% | 34% | 38% | 40% | 43% | 42% | 41% | 37% | |
| PE requirement: ≥150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 82% | 81% | 75% | 80% | 74% | 74% | 78% | 79% | .651 |
| | Weak | 15% | 16% | 22% | 18% | 22% | 23% | 20% | 18% | |
| | Strong | 4% | 3% | 3% | 2% | 4% | 3% | 2% | 3% | |
| PE required to teach about a physically active lifestyle | None | 52% | 45% | 35% | 38% | 33% | 29% | 28% | 31% | .000*** |
| | Weak | 7% | 10% | 6% | 5% | 8% | 10% | 9% | 6% | |
| | Strong | 41% | 46% | 59% | 56% | 59% | 61% | 63% | 64% | |
| PE competency assessment required | None | 66% | 63% | 54% | 57% | 50% | 47% | 47% | 46% | .000*** |
| | Weak | 8% | 10% | 3% | 3% | 6% | 9% | 8% | 6% | |
| | Strong | 26% | 27% | 43% | 40% | 44% | 44% | 45% | 49% | |
| PE classes, courses, or credits (HS level only) | None | 88% | 87% | 82% | 83% | 78% | 79% | 76% | 79% | .000*** |
| | Weak | 3% | 4% | 3% | 1% | 2% | 2% | 2% | 2% | |
| | Strong | 9% | 9% | 15% | 16% | 20% | 19% | 22% | 19% | |
| Frequency of PE (strong=daily) | None | 92% | 89% | 88% | 89% | 89% | 89% | 90% | 93% | .908 |
| | Weak | 4% | 8% | 5% | 4% | 5% | 5% | 5% | 3% | |
| | Strong | 4% | 3% | 7% | 7% | 6% | 6% | 6% | 5% | |
| Teacher-student ratio for PE | None | 91% | 90% | 84% | 86% | 85% | 82% | 85% | 83% | .000*** |
| | Weak | 8% | 9% | 14% | 13% | 13% | 15% | 13% | 13% | |
| | Strong | 1% | 1% | 1% | 1% | 2% | 3% | 2% | 4% | |
| Safe/adequate facilities for PE | None | 87% | 85% | 80% | 81% | 81% | 77% | 80% | 77% | .005** |
| | Weak | 6% | 8% | 11% | 11% | 13% | 14% | 10% | 11% | |
| | Strong | 7% | 7% | 9% | 8% | 7% | 9% | 10% | 11% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 73% | 71% | 60% | 60% | 62% | 59% | 61% | 61% | .001** |
| | Weak | 20% | 21% | 28% | 31% | 28% | 29% | 30% | 27% | |
| | Strong | 7% | 8% | 12% | 9% | 10% | 11% | 9% | 12% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PE to be taught by state-authorized physical educator | None | 75% | 73% | 60% | 65% | 69% | 65% | 67% | 65% | .006** |
| | Weak | 6% | 6% | 5% | 5% | 5% | 5% | 5% | 6% | |
| | Strong | 19% | 21% | 35% | 30% | 26% | 30% | 28% | 30% | |
| PE teachers to be trained in PE skills | None | 86% | 86% | 82% | 84% | 83% | 82% | 84% | 83% | .166 |
| | Weak | 5% | 6% | 4% | 4% | 4% | 4% | 3% | 4% | |
| | Strong | 9% | 8% | 13% | 12% | 13% | 14% | 13% | 12% | |
| Prohibits waivers to get out of PE | None | 94% | 94% | 92% | 93% | 92% | 91% | 92% | 92% | .127 |
| | Weak | 2% | 2% | 1% | 1% | 1% | 1% | 1% | 2% | |
| | Strong | 4% | 4% | 7% | 6% | 7% | 8% | 7% | 6% | |
| Annual health assessment in PE class | None | 81% | 78% | 69% | 70% | 67% | 63% | 63% | 63% | .000*** |
| | Weak | 19% | 22% | 31% | 30% | 33% | 36% | 36% | 36% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 1% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) | | | | | | | | | | |
| Goals for PA | None | 29% | 21% | 9% | 11% | 9% | 6% | 6% | 9% | .000*** |
| | Weak | 1% | 2% | 2% | 3% | 3% | 5% | 5% | 4% | |
| | Strong | 70% | 78% | 89% | 86% | 88% | 89% | 89% | 88% | |
| PA for every grade level | None | 48% | 43% | 33% | 34% | 29% | 32% | 32% | 34% | .001** |
| | Weak | 23% | 27% | 29% | 25% | 26% | 25% | 24% | 22% | |
| | Strong | 29% | 30% | 39% | 41% | 44% | 44% | 44% | 44% | |
| Amount of time for PA | None | -- | -- | 93% | 93% | 93% | 93% | 90% | 89% | .008** |
| | Weak | -- | -- | 4% | 3% | 3% | 3% | 4% | 4% | |
| | Strong | -- | -- | 3% | 3% | 4% | 4% | 5% | 7% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 63% | 57% | 50% | 50% | 50% | 49% | 46% | 46% | .000*** |
| | Weak | 30% | 37% | 36% | 36% | 36% | 38% | 42% | 40% | |
| | Strong | 7% | 7% | 14% | 15% | 14% | 13% | 12% | 14% | |
| Community use of facilities for PA | None | 80% | 76% | 68% | 69% | 70% | 71% | 73% | 73% | .039* |
| | Weak | 7% | 6% | 15% | 13% | 10% | 10% | 12% | 10% | |
| | Strong | 13% | 18% | 17% | 18% | 20% | 19% | 15% | 18% | |
| Safe active routes to school | None | 89% | 90% | 84% | 82% | 85% | 84% | 85% | 83% | .037* |
| | Weak | 4% | 3% | 8% | 10% | 8% | 7% | 8% | 8% | |
| | Strong | 7% | 6% | 8% | 8% | 7% | 9% | 7% | 10% | |
| Prohibit using PA as punishment | None | 83% | 79% | 67% | 70% | 71% | 68% | 70% | 69% | .000*** |
| | Weak | 7% | 11% | 16% | 13% | 12% | 13% | 15% | 14% | |
| | Strong | 10% | 11% | 18% | 17% | 17% | 18% | 16% | 17% | |
| Daily recess (ES level only) | None | 72% | 69% | 63% | 64% | 60% | 60% | 61% | 65% | .037* |
| | Weak | 12% | 13% | 17% | 15% | 16% | 17% | 19% | 14% | |
| | Strong | 16% | 19% | 20% | 21% | 24% | 22% | 20% | 21% | |
| Less than daily recess (ES level only) | None | -- | -- | 81% | 81% | 84% | 83% | 81% | 78% | .093 |
| | Weak | -- | -- | 12% | 13% | 11% | 10% | 10% | 11% | |
| | Strong | -- | -- | 7% | 6% | 5% | 7% | 9% | 12% | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 87% | 86% | .336 |
| | Weak | -- | -- | -- | -- | -- | 8% | 9% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 5% | 4% | 7% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 59% | 60% | 47% | 49% | 46% | 44% | 46% | 48% | .042* |
| | Weak | 14% | 14% | 23% | 23% | 22% | 23% | 21% | 19% | |
| | Strong | 26% | 26% | 30% | 28% | 33% | 33% | 34% | 33% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 71% | 69% | 56% | 62% | 65% | 66% | 63% | 60% | .047* |
| | Weak | 12% | 16% | 23% | 21% | 17% | 18% | 20% | 19% | |
| | Strong | 17% | 15% | 20% | 17% | 18% | 16% | 16% | 21% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 74% | 71% | 60% | 65% | 67% | 64% | 66% | 64% | .006** |
| | Weak | 10% | 10% | 8% | 8% | 10% | 11% | 11% | 10% | |
| | Strong | 17% | 19% | 32% | 27% | 23% | 25% | 23% | 26% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 60% | 59% | 57% | .098 |
| | Weak | -- | -- | -- | -- | -- | 24% | 21% | 21% | |
| | Strong | -- | -- | -- | -- | -- | 16% | 19% | 22% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 79% | 79% | 77% | .236 |
| | Weak | -- | -- | -- | -- | -- | 13% | 12% | 10% | |
| | Strong | -- | -- | -- | -- | -- | 8% | 9% | 12% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| STAFF WELLNESS & MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 89% | 88% | 79% | 84% | 80% | 76% | 76% | 78% | .001** |
| | Weak | 8% | 9% | 13% | 10% | 13% | 16% | 17% | 14% | |
| | Strong | 4% | 3% | 8% | 6% | 6% | 8% | 7% | 8% | |
| Staff wellness programs | None | 82% | 80% | 72% | 76% | 72% | 71% | 71% | 71% | .017* |
| | Weak | 10% | 10% | 20% | 16% | 22% | 22% | 20% | 17% | |
| | Strong | 9% | 10% | 9% | 7% | 6% | 7% | 9% | 11% | |
| Staff to role model healthy behaviors | None | 74% | 75% | 70% | 75% | 72% | 66% | 62% | 61% | .012* |
| | Weak | 7% | 8% | 11% | 9% | 9% | 9% | 13% | 15% | |
| | Strong | 19% | 17% | 20% | 17% | 19% | 25% | 25% | 24% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 78% | 67% | 72% | 74% | 71% | 68% | 68% | .020* |
| | Weak | 17% | 17% | 26% | 25% | 22% | 24% | 27% | 25% | |
| | Strong | 5% | 5% | 7% | 4% | 4% | 5% | 5% | 7% | |
| Restricted marketing | None | 87% | 85% | 79% | 77% | 80% | 78% | 79% | 79% | .008** |
| | Weak | 4% | 4% | 5% | 7% | 11% | 8% | 9% | 7% | |
| | Strong | 8% | 10% | 16% | 16% | 10% | 14% | 12% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 36% | 29% | 16% | 17% | 16% | 13% | 14% | 16% | .000*** |
| | Weak | 5% | 5% | 2% | 3% | 5% | 4% | 4% | 5% | |
| | Strong | 59% | 66% | 82% | 81% | 78% | 83% | 82% | 78% | |
| Plan for implementation | None | 40% | 33% | 16% | 17% | 17% | 13% | 14% | 17% | .000*** |
| | Weak | 4% | 3% | 4% | 2% | 6% | 6% | 6% | 5% | |
| | Strong | 56% | 64% | 79% | 80% | 77% | 80% | 80% | 78% | |
| Ongoing health advisory committee | None | 61% | 52% | 39% | 49% | 47% | 45% | 43% | 46% | .000*** |
| | Weak | 7% | 10% | 7% | 7% | 8% | 7% | 7% | 5% | |
| | Strong | 32% | 38% | 53% | 45% | 46% | 48% | 49% | 49% | |
| Body mass index (BMI) screening | None | 89% | 87% | 74% | 74% | 72% | 69% | 70% | 71% | .000*** |
| | Suggested/ encouraged | 6% | 6% | 13% | 13% | 20% | 20% | 21% | 19% | |
| | Req'd for only some grades | 4% | 7% | 12% | 11% | 7% | 8% | 8% | 10% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 2% | 1% | 0% | 0% | 0% | |
| | Req'd w/ parent reporting | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 1% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Plan for evaluation | None | 64% | 54% | 34% | 48% | 47% | 43% | 41% | 41% | .000*** |
| | Weak | 31% | 42% | 51% | 41% | 46% | 47% | 48% | 48% | |
| | Strong | 5% | 4% | 15% | 11% | 7% | 10% | 11% | 11% | |
| Reporting on policy compliance and/or implementation | None | 61% | 57% | 45% | 46% | 47% | 41% | 42% | 43% | .000*** |
| | Weak | 20% | 24% | 27% | 22% | 24% | 27% | 26% | 27% | |
| | Strong | 19% | 19% | 28% | 32% | 29% | 31% | 32% | 30% | |
| Funding for policy implementation | None | 94% | 95% | 93% | 97% | 97% | 97% | 97% | 97% | .016* |
| | Weak | 5% | 4% | 6% | 3% | 3% | 3% | 3% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 72% | 70% | 57% | 59% | 59% | 58% | 57% | 56% | .000*** |
| | Weak | 9% | 7% | 11% | 11% | 11% | 11% | 13% | 12% | |
| | Strong | 20% | 23% | 32% | 29% | 29% | 31% | 30% | 32% | |
| Requires district to report to state | None | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 99% | .001** |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 1% | 1% | 1% | 1% | 1% | 1% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | 99% | 98% | 98% | 97% | .052 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 2% | 2% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | 91% | 92% | 89% | 86% | .005** |
| | Weak | -- | -- | -- | -- | 6% | 4% | 5% | 6% | |
| | Strong | -- | -- | -- | -- | 3% | 5% | 6% | 8% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .706 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | 88% | 81% | 77% | 74% | .000*** |
| | Weak | -- | -- | -- | -- | 1% | 2% | 3% | 3% | |
| | Strong | -- | -- | -- | -- | 11% | 17% | 19% | 23% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | 50% | 47% | 45% | 48% | .273 |
| | Weak | -- | -- | -- | -- | 5% | 2% | 2% | 0% | |
| | Strong | -- | -- | -- | -- | 45% | 51% | 53% | 52% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | 99% | 97% | 98% | 98% | .458 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | 96% | 92% | 95% | 95% | .217 |
| | Weak | -- | -- | -- | -- | 2% | 2% | 1% | 0% | |
| | Strong | -- | -- | -- | -- | 3% | 6% | 4% | 5% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | 98% | 95% | 94% | 93% | .007** |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 3% | |
| | Strong | -- | -- | -- | -- | 2% | 5% | 6% | 4% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | 52% | 46% | 44% | 44% | .011* |
| | Weak | -- | -- | -- | -- | 5% | 4% | 3% | 1% | |
| | Strong | -- | -- | -- | -- | 43% | 50% | 53% | 55% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | 96% | 95% | 94% | 95% | .396 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | 4% | 5% | 6% | 5% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | 86% | 80% | 77% | 76% | .001** |
| | Weak | -- | -- | -- | -- | 3% | 3% | 5% | 5% | |
| | Strong | -- | -- | -- | -- | 11% | 16% | 18% | 20% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | 91% | 91% | 89% | 89% | .371 |
| | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | 5% | 5% | 7% | 7% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | 96% | 96% | 95% | 93% | .114 |
| | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 2% | |
| | Strong | -- | -- | -- | -- | 3% | 3% | 5% | 5% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | | |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Requires district to report aggregate fitness assessment results | None | | -- | -- | -- | -- | 95% | 93% | 94% | 94% | .151 |
| | Weak | | -- | -- | -- | -- | 2% | 2% | 1% | 2% | |
| | Strong | | -- | -- | -- | -- | 3% | 5% | 5% | 5% | |
| Requires district to report on student BMI screening (aggregate) | None | | -- | -- | -- | -- | 98% | 96% | 96% | 96% | .009** |
| | Weak | | -- | -- | -- | -- | 1% | 2% | 2% | 1% | |
| | Strong | | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report other (e.g., School Health Index) | None | | -- | -- | -- | -- | 82% | 81% | 81% | 82% | .689 |
| | Weak | | -- | -- | -- | -- | 6% | 6% | 6% | 5% | |
| | Strong | | -- | -- | -- | -- | 11% | 13% | 13% | 13% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications. Significance levels: *p<.05 **p<.01 ***p<.001

NC: significance level could not be calculated due to lack of variation over time.

†Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table B-2. Percentage of Public School Districts Nationwide with Wellness Policy Provisions, Elementary School Level, School Years 2006-07 through 2013-2014

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | |
|--|--------------------|--|---------|---------|---------|---------|---------|---------|---------|-------------|--|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† | |
| NUTRITION EDUCATION | | | | | | | | | | | |
| Nutrition education goals | None | 21% | 13% | 4% | 7% | 7% | 5% | 5% | 6% | .000*** | |
| | Weak | 2% | 2% | 3% | 3% | 2% | 2% | 3% | 4% | | |
| | Strong | 77% | 85% | 93% | 89% | 91% | 93% | 93% | 90% | | |
| Nutrition curriculum for each grade | None | 38% | 33% | 19% | 24% | 19% | 20% | 21% | 26% | .031* | |
| | Weak | 31% | 36% | 45% | 42% | 44% | 44% | 40% | 40% | | |
| | Strong | 31% | 31% | 36% | 34% | 37% | 37% | 39% | 34% | | |
| School gardens | None | -- | -- | 89% | 88% | 85% | 83% | 85% | 87% | .350 | |
| | Weak | -- | -- | 11% | 12% | 14% | 16% | 14% | 11% | | |
| | Strong | -- | -- | 1% | 0% | 1% | 1% | 1% | 2% | | |
| Nutrition education training for teachers | None | 70% | 68% | 58% | 60% | 63% | 57% | 61% | 62% | .065 | |
| | Weak | 23% | 25% | 32% | 32% | 27% | 31% | 29% | 30% | | |
| | Strong | 7% | 7% | 10% | 8% | 10% | 11% | 10% | 8% | | |
| Nutrition education integrated into other subjects | None | 55% | 54% | 52% | 48% | 53% | 49% | 50% | 49% | .307 | |
| | Weak | 15% | 16% | 16% | 17% | 17% | 20% | 19% | 18% | | |
| | Strong | 30% | 30% | 33% | 35% | 30% | 31% | 31% | 32% | | |
| Nutrition education teaches behavior-focused skills | None | 36% | 31% | 20% | 24% | 25% | 24% | 25% | 27% | .050 | |
| | Weak | 17% | 22% | 22% | 22% | 21% | 24% | 23% | 21% | | |
| | Strong | 47% | 47% | 58% | 54% | 54% | 52% | 52% | 52% | | |
| Number of nutrition education courses or hours specified | None | 98% | 98% | 97% | 97% | 96% | 96% | 97% | 97% | .588 | |
| | Weak | 1% | 1% | 1% | 2% | 4% | 4% | 2% | 2% | | |
| | Strong | 1% | 1% | 2% | 1% | 1% | 1% | 0% | 1% | | |

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | |
|---|--------------------|--|---------|---------|---------|---------|---------|---------|---------|-------------|--|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† | |
| SCHOOL MEALS | | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 27% | 18% | 12% | 10% | 13% | 13% | 12% | 12% | .000*** | |
| | Weak | 2% | 3% | 1% | 1% | 2% | 3% | 3% | 2% | | |
| | Strong | 71% | 79% | 87% | 89% | 85% | 85% | 85% | 86% | | |
| School Breakfast Program | None | 45% | 38% | 31% | 37% | 31% | 31% | 30% | 33% | .002** | |
| | Weak | 16% | 15% | 17% | 17% | 20% | 18% | 18% | 16% | | |
| | Strong | 39% | 46% | 52% | 46% | 49% | 51% | 53% | 52% | | |
| Low-fat cooking methods | None | 85% | 84% | 76% | 78% | 73% | 74% | 73% | 73% | .000*** | |
| | Weak | 12% | 14% | 20% | 19% | 22% | 21% | 21% | 19% | | |
| | Strong | 4% | 3% | 4% | 3% | 5% | 6% | 6% | 9% | | |
| Strategies to increase participation in meals | None | 61% | 60% | 47% | 44% | 45% | 43% | 45% | 48% | .090 | |
| | Weak | 23% | 26% | 36% | 42% | 41% | 44% | 44% | 38% | | |
| | Strong | 16% | 14% | 17% | 14% | 14% | 13% | 11% | 14% | | |
| Closed campus at lunch | None | -- | -- | 96% | 95% | 94% | 94% | 95% | 95% | .825 | |
| | Weak | -- | -- | 2% | 3% | 4% | 4% | 4% | 3% | | |
| | Strong | -- | -- | 2% | 2% | 2% | 2% | 2% | 2% | | |
| Recess before lunch for elementary students | None | -- | -- | 77% | 77% | 79% | 71% | 72% | 75% | .642 | |
| | Weak | -- | -- | 20% | 21% | 17% | 25% | 25% | 21% | | |
| | Strong | -- | -- | 3% | 2% | 4% | 3% | 3% | 4% | | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 52% | 45% | 37% | 40% | 37% | 40% | 42% | 41% | .074 | |
| | Weak | 35% | 41% | 49% | 46% | 49% | 49% | 49% | 48% | | |
| | Strong | 12% | 13% | 14% | 14% | 14% | 11% | 9% | 11% | | |
| Nutrition-related training for food service staff | None | 74% | 67% | 63% | 64% | 63% | 62% | 64% | 59% | .000*** | |
| | Weak | 20% | 26% | 31% | 29% | 28% | 27% | 29% | 31% | | |
| | Strong | 6% | 7% | 6% | 7% | 9% | 10% | 8% | 10% | | |
| Nutrition information for school meals | None | 82% | 81% | 76% | 78% | 81% | 80% | 82% | 81% | .877 | |
| | Weak | 8% | 7% | 11% | 12% | 10% | 10% | 9% | 10% | | |
| | Strong | 11% | 12% | 13% | 9% | 9% | 10% | 9% | 9% | | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Farm-to-school/cafeteria program | None | 95% | 93% | 93% | 93% | 94% | 93% | 93% | 90% | .002** |
| | Weak | 4% | 7% | 7% | 7% | 4% | 6% | 6% | 8% | |
| | Strong | 0% | 0% | 0% | 0% | 1% | 1% | 1% | 2% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 13% | 12% | .503 |
| | Weak | -- | -- | -- | -- | -- | -- | 4% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 86% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 13% | 12% | .519 |
| | Weak | -- | -- | -- | -- | -- | -- | 3% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 86% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 94% | 90% | 91% | 91% | 89% | .000*** |
| | Weak | -- | -- | -- | 3% | 1% | 1% | 1% | 1% | |
| | Strong | -- | -- | -- | 2% | 9% | 8% | 8% | 10% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 89% | 88% | 84% | .036* |
| | Weak | -- | -- | -- | -- | -- | 2% | 1% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 9% | 11% | 13% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 99% | 98% | .183 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 1% | 2% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 21% | 13% | 6% | 7% | 8% | 6% | 4% | 8% | .000*** |
| | Weak | 30% | 33% | 31% | 31% | 34% | 35% | 35% | 29% | |
| | Strong | 49% | 54% | 62% | 62% | 58% | 58% | 60% | 63% | |
| Nutrition guidelines apply to food & beverage contracts | None | 86% | 82% | 77% | 76% | 75% | 73% | 74% | 75% | .003** |
| | Weak | 3% | 4% | 6% | 7% | 5% | 8% | 7% | 5% | |
| | Strong | 11% | 14% | 17% | 17% | 20% | 19% | 19% | 20% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 96% | 95% | 97% | 98% | 98% | 99% | .122 |
| | Weak | -- | -- | 4% | 5% | 2% | 2% | 2% | 1% | |
| | Strong | -- | -- | 0% | 1% | 1% | 1% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 54% | 51% | 48% | 44% | 40% | 39% | 38% | 42% | .008** |
| | Weak | 37% | 40% | 47% | 52% | 52% | 53% | 54% | 47% | |
| | Strong | 9% | 9% | 5% | 4% | 8% | 7% | 8% | 11% | |
| Prohibits using food as a reward | None | 72% | 68% | 65% | 68% | 64% | 65% | 67% | 67% | .046* |
| | Weak | 20% | 24% | 23% | 21% | 25% | 24% | 21% | 19% | |
| | Strong | 8% | 8% | 12% | 11% | 11% | 11% | 12% | 14% | |
| Nutrition information for competitive foods and beverages | None | 93% | 92% | 94% | 91% | 94% | 93% | 94% | 92% | .493 |
| | Weak | 3% | 3% | 3% | 4% | 3% | 4% | 2% | 2% | |
| | Strong | 4% | 5% | 4% | 5% | 2% | 4% | 4% | 5% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 88% | 87% | 88% | 90% | 86% | 90% | 89% | 85% | .304 |
| | Weak | 2% | 2% | 3% | 3% | 1% | 0% | 1% | 3% | |
| | Strong | 10% | 10% | 10% | 7% | 13% | 10% | 10% | 12% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 87% | 85% | 78% | 80% | 83% | 85% | 87% | 90% | .650 |
| | Weak | 13% | 14% | 15% | 16% | 14% | 13% | 11% | 9% | |
| | Strong | 1% | 2% | 7% | 4% | 4% | 2% | 2% | 2% | |
| Bans fast food sales on campus | None | -- | -- | 98% | 99% | 100% | 100% | 100% | 100% | .248 |
| | Weak | -- | -- | 1% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 1% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 34% | 26% | 17% | 19% | 20% | 20% | 17% | 20% | .000*** |
| | Weak | 37% | 40% | 40% | 38% | 39% | 40% | 40% | 39% | |
| | Strong | 29% | 34% | 43% | 43% | 41% | 41% | 42% | 42% | |
| School store restrictions during the school day | None | 38% | 31% | 27% | 29% | 31% | 31% | 29% | 27% | .000*** |
| | Weak | 38% | 39% | 38% | 36% | 35% | 36% | 37% | 39% | |
| | Strong | 23% | 29% | 36% | 35% | 34% | 33% | 35% | 34% | |
| À la carte restrictions during meal times | None | 35% | 28% | 14% | 19% | 18% | 17% | 14% | 16% | .000*** |
| | Weak | 49% | 51% | 52% | 50% | 54% | 54% | 56% | 53% | |
| | Strong | 16% | 22% | 35% | 31% | 29% | 29% | 30% | 31% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Classroom parties | None | 49% | 40% | 33% | 35% | 35% | 35% | 38% | 39% | .011* |
| | Weak | 51% | 59% | 66% | 65% | 64% | 63% | 60% | 60% | |
| | Strong | 1% | 1% | 1% | 0% | 1% | 2% | 1% | 1% | |
| Fundraisers during the school day | None | 58% | 49% | 37% | 39% | 36% | 34% | 33% | 38% | .000*** |
| | Weak | 41% | 48% | 35% | 33% | 36% | 40% | 40% | 36% | |
| | Strong | 1% | 3% | 28% | 27% | 27% | 26% | 27% | 26% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 27% | 17% | 8% | 9% | 11% | 10% | 8% | 10% | .000*** |
| | PE addressed | 73% | 83% | 92% | 91% | 89% | 90% | 92% | 90% | |
| PE curriculum for each grade | None | 47% | 42% | 30% | 33% | 22% | 22% | 21% | 30% | .025* |
| | Weak | 14% | 16% | 29% | 24% | 33% | 35% | 35% | 30% | |
| | Strong | 39% | 42% | 40% | 43% | 44% | 43% | 44% | 40% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 77% | 76% | 69% | 74% | 68% | 69% | 73% | 75% | .500 |
| | Weak | 21% | 22% | 26% | 22% | 27% | 27% | 23% | 21% | |
| | Strong | 2% | 3% | 4% | 4% | 5% | 4% | 3% | 4% | |
| PE required to teach about a physically active lifestyle | None | 45% | 39% | 34% | 36% | 32% | 29% | 28% | 30% | .000*** |
| | Weak | 9% | 9% | 6% | 6% | 7% | 10% | 9% | 6% | |
| | Strong | 46% | 53% | 59% | 58% | 61% | 62% | 63% | 64% | |
| PE competency assessment required | None | 62% | 57% | 53% | 55% | 48% | 46% | 46% | 45% | .000*** |
| | Weak | 9% | 11% | 3% | 3% | 5% | 8% | 7% | 5% | |
| | Strong | 29% | 32% | 44% | 42% | 46% | 46% | 47% | 50% | |
| PE classes, courses, or credits for HS students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Frequency of PE (strong=daily) | None | 90% | 88% | 85% | 86% | 86% | 87% | 88% | 91% | .927 |
| | Weak | 6% | 8% | 7% | 6% | 7% | 6% | 6% | 4% | |
| | Strong | 4% | 4% | 7% | 7% | 7% | 7% | 7% | 5% | |
| Teacher-student ratio for PE | None | 90% | 90% | 81% | 83% | 82% | 81% | 83% | 83% | .001** |
| | Weak | 9% | 9% | 15% | 14% | 15% | 16% | 13% | 14% | |
| | Strong | 1% | 1% | 3% | 3% | 4% | 4% | 4% | 3% | |
| Safe/adequate facilities for PE | None | 87% | 84% | 79% | 80% | 80% | 76% | 78% | 77% | .007** |
| | Weak | 5% | 7% | 12% | 11% | 13% | 14% | 10% | 11% | |
| | Strong | 8% | 9% | 9% | 9% | 7% | 9% | 12% | 12% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 72% | 69% | 56% | 54% | 56% | 54% | 52% | 52% | .000*** |
| | Weak | 20% | 21% | 32% | 36% | 33% | 35% | 39% | 36% | |
| | Strong | 8% | 10% | 12% | 10% | 11% | 11% | 9% | 12% | |
| PE to be taught by state-authorized physical educator | None | 73% | 70% | 58% | 63% | 66% | 64% | 67% | 65% | .023* |
| | Weak | 7% | 7% | 6% | 6% | 6% | 5% | 5% | 6% | |
| | Strong | 20% | 23% | 36% | 31% | 28% | 31% | 28% | 28% | |
| PE teachers to be trained in PE skills | None | 84% | 83% | 80% | 83% | 82% | 81% | 83% | 82% | .289 |
| | Weak | 6% | 8% | 5% | 4% | 3% | 4% | 3% | 4% | |
| | Strong | 10% | 9% | 15% | 13% | 15% | 15% | 14% | 13% | |
| Prohibits waivers to get out of PE | None | 91% | 90% | 92% | 91% | 91% | 91% | 94% | 93% | .676 |
| | Weak | 4% | 4% | 1% | 2% | 2% | 3% | 1% | 2% | |
| | Strong | 5% | 5% | 7% | 7% | 7% | 7% | 5% | 5% | |
| Annual health assessment in PE class | None | 80% | 74% | 65% | 68% | 65% | 62% | 61% | 61% | .000*** |
| | Weak | 20% | 25% | 35% | 32% | 35% | 37% | 38% | 38% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 1% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) | | | | | | | | | | |
| Goals for PA | None | 22% | 13% | 5% | 6% | 8% | 6% | 5% | 7% | .000*** |
| | Weak | 1% | 2% | 2% | 3% | 3% | 4% | 4% | 4% | |
| | Strong | 77% | 85% | 93% | 91% | 90% | 90% | 91% | 90% | |
| PA for every grade level | None | 42% | 36% | 29% | 30% | 27% | 31% | 29% | 29% | .000*** |
| | Weak | 27% | 29% | 29% | 26% | 26% | 24% | 24% | 21% | |
| | Strong | 31% | 34% | 42% | 44% | 47% | 45% | 47% | 50% | |
| Amount of time for PA | None | -- | -- | 88% | 89% | 89% | 90% | 86% | 84% | .034* |
| | Weak | -- | -- | 5% | 4% | 4% | 3% | 4% | 2% | |
| | Strong | -- | -- | 7% | 7% | 7% | 7% | 10% | 14% | |
| PA opportunities throughout the day (e.g., classroom breaks) | None | 58% | 53% | 47% | 46% | 48% | 47% | 44% | 43% | .001** |
| | Weak | 33% | 37% | 38% | 38% | 37% | 39% | 43% | 43% | |
| | Strong | 10% | 10% | 15% | 16% | 15% | 14% | 13% | 14% | |
| Community use of facilities for PA | None | 77% | 72% | 68% | 69% | 69% | 72% | 74% | 74% | .374 |
| | Weak | 9% | 7% | 15% | 13% | 11% | 10% | 12% | 9% | |
| | Strong | 14% | 21% | 17% | 18% | 20% | 18% | 15% | 17% | |
| Safe active routes to school | None | 88% | 88% | 81% | 80% | 84% | 84% | 84% | 83% | .215 |
| | Weak | 4% | 4% | 10% | 12% | 8% | 8% | 10% | 9% | |
| | Strong | 8% | 8% | 9% | 8% | 8% | 8% | 7% | 9% | |
| Prohibit using PA as punishment | None | 79% | 73% | 63% | 67% | 68% | 67% | 68% | 70% | .019* |
| | Weak | 9% | 13% | 19% | 15% | 15% | 16% | 17% | 15% | |
| | Strong | 12% | 13% | 19% | 18% | 17% | 17% | 15% | 15% | |
| Daily recess for elementary grades | None | 72% | 69% | 63% | 64% | 60% | 60% | 61% | 65% | .037* |
| | Weak | 12% | 13% | 17% | 15% | 16% | 17% | 19% | 14% | |
| | Strong | 16% | 19% | 20% | 21% | 24% | 22% | 20% | 21% | |
| Less than daily recess for elementary grades | None | -- | -- | 81% | 81% | 84% | 83% | 81% | 78% | .093 |
| | Weak | -- | -- | 12% | 13% | 11% | 10% | 10% | 11% | |
| | Strong | -- | -- | 7% | 6% | 5% | 7% | 9% | 12% | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 87% | 87% | .456 |
| | Weak | -- | -- | -- | -- | -- | 8% | 9% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 5% | 4% | 8% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 58% | 56% | 45% | 49% | 46% | 44% | 46% | 48% | .031* |
| | Weak | 16% | 17% | 24% | 23% | 23% | 23% | 20% | 19% | |
| | Strong | 27% | 27% | 31% | 28% | 31% | 32% | 34% | 34% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 66% | 63% | 56% | 59% | 63% | 66% | 64% | 61% | .309 |
| | Weak | 14% | 20% | 25% | 23% | 17% | 18% | 20% | 18% | |
| | Strong | 20% | 18% | 20% | 18% | 20% | 16% | 17% | 22% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 69% | 66% | 60% | 64% | 67% | 65% | 66% | 64% | .123 |
| | Weak | 12% | 12% | 7% | 8% | 9% | 11% | 11% | 11% | |
| | Strong | 19% | 23% | 33% | 28% | 24% | 25% | 23% | 25% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 61% | 58% | 56% | .057 |
| | Weak | -- | -- | -- | -- | -- | 24% | 22% | 22% | |
| | Strong | -- | -- | -- | -- | -- | 16% | 20% | 23% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 79% | 77% | 77% | .224 |
| | Weak | -- | -- | -- | -- | -- | 13% | 13% | 11% | |
| | Strong | -- | -- | -- | -- | -- | 9% | 10% | 12% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS | | | | | | | | | | Sig. Diff.† |
| POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| STAFF WELLNESS & MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 87% | 86% | 80% | 83% | 79% | 76% | 76% | 78% | .008** |
| | Weak | 9% | 11% | 13% | 11% | 14% | 16% | 17% | 14% | |
| | Strong | 4% | 4% | 7% | 6% | 6% | 8% | 7% | 8% | |
| Staff wellness programs | None | 79% | 77% | 74% | 77% | 72% | 71% | 72% | 73% | .267 |
| | Weak | 11% | 11% | 19% | 16% | 22% | 21% | 19% | 17% | |
| | Strong | 10% | 12% | 8% | 7% | 6% | 7% | 9% | 10% | |
| Staff to role model healthy behaviors | None | 71% | 70% | 69% | 73% | 70% | 67% | 62% | 63% | .177 |
| | Weak | 8% | 10% | 11% | 9% | 10% | 9% | 13% | 15% | |
| | Strong | 21% | 20% | 21% | 18% | 20% | 24% | 24% | 23% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS | | | | | | | | | | Sig. Diff.† |
| POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 76% | 75% | 68% | 72% | 74% | 71% | 71% | 72% | .268 |
| | Weak | 19% | 20% | 25% | 25% | 22% | 23% | 25% | 23% | |
| | Strong | 5% | 4% | 8% | 3% | 5% | 5% | 5% | 6% | |
| Restricted marketing | None | 85% | 82% | 79% | 76% | 78% | 78% | 78% | 79% | .152 |
| | Weak | 5% | 5% | 5% | 8% | 11% | 8% | 9% | 8% | |
| | Strong | 10% | 13% | 16% | 16% | 11% | 14% | 13% | 13% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL | | | | | | | | | | |
|--|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS | | | | | | | | | | Sig. Diff.† |
| POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 30% | 24% | 14% | 14% | 16% | 13% | 13% | 16% | .000*** |
| | Weak | 5% | 6% | 2% | 3% | 5% | 4% | 4% | 5% | |
| | Strong | 64% | 71% | 84% | 83% | 79% | 82% | 83% | 79% | |
| Plan for implementation | None | 35% | 27% | 15% | 15% | 17% | 14% | 13% | 16% | .000*** |
| | Weak | 4% | 4% | 3% | 2% | 6% | 6% | 6% | 5% | |
| | Strong | 61% | 69% | 82% | 83% | 77% | 80% | 80% | 79% | |
| Ongoing health advisory committee | None | 54% | 47% | 39% | 48% | 46% | 45% | 42% | 46% | .018* |
| | Weak | 9% | 12% | 7% | 7% | 8% | 7% | 8% | 6% | |
| | Strong | 37% | 41% | 54% | 45% | 46% | 48% | 49% | 49% | |
| Body mass index (BMI) screening | None | 88% | 84% | 71% | 73% | 71% | 68% | 67% | 67% | .000*** |
| | Suggested/ encouraged | 6% | 7% | 13% | 12% | 20% | 21% | 24% | 22% | |
| | Req'd for only some grades | 5% | 8% | 14% | 13% | 8% | 9% | 9% | 10% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 1% | 0% | 0% | 0% | 0% | |
| | Req'd w/ parent reporting | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 1% | |
| Plan for evaluation | None | 59% | 50% | 31% | 46% | 46% | 44% | 40% | 39% | .000*** |
| | Weak | 35% | 45% | 54% | 41% | 46% | 46% | 48% | 49% | |
| | Strong | 6% | 5% | 16% | 12% | 7% | 10% | 12% | 12% | |
| Reporting on policy compliance and/or implementation | None | 56% | 53% | 44% | 44% | 44% | 41% | 42% | 43% | .009** |
| | Weak | 21% | 23% | 27% | 22% | 25% | 27% | 26% | 27% | |
| | Strong | 22% | 23% | 29% | 34% | 30% | 32% | 32% | 29% | |
| Funding for policy implementation | None | 93% | 94% | 94% | 96% | 97% | 97% | 97% | 97% | .008** |
| | Weak | 6% | 5% | 5% | 3% | 3% | 3% | 3% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 67% | 64% | 55% | 58% | 58% | 58% | 56% | 56% | .006** |
| | Weak | 10% | 9% | 11% | 12% | 12% | 12% | 13% | 12% | |
| | Strong | 22% | 27% | 33% | 30% | 30% | 30% | 31% | 31% | |
| Requires district to report to state | None | 100% | 100% | 99% | 99% | 98% | 99% | 99% | 99% | .002** |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 1% | 1% | 2% | 1% | 1% | 1% | |

Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – ELEMENTARY SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--------|---------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | -- | 99% | 98% | 98% | 97% | .079 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 1% | 2% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | -- | 90% | 92% | 88% | 84% | .005** |
| | Weak | -- | -- | -- | -- | -- | 7% | 4% | 6% | 7% | |
| | Strong | -- | -- | -- | -- | -- | 4% | 4% | 6% | 9% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .745 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | -- | 87% | 82% | 77% | 74% | .000*** |
| | Weak | -- | -- | -- | -- | -- | 2% | 2% | 3% | 3% | |
| | Strong | -- | -- | -- | -- | -- | 11% | 16% | 19% | 23% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | -- | 48% | 46% | 45% | 48% | .551 |
| | Weak | -- | -- | -- | -- | -- | 5% | 2% | 2% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 47% | 52% | 53% | 52% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | -- | 99% | 97% | 98% | 98% | .409 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | -- | 96% | 93% | 96% | 95% | .156 |
| | Weak | -- | -- | -- | -- | -- | 1% | 2% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 2% | 5% | 4% | 5% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | -- | 98% | 95% | 94% | 92% | .004** |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 2% | 5% | 6% | 4% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | -- | 50% | 46% | 44% | 44% | .044* |
| | Weak | -- | -- | -- | -- | -- | 6% | 4% | 3% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 44% | 50% | 53% | 55% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | -- | 96% | 94% | 93% | 95% | .336 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 3% | 5% | 7% | 5% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | -- | 85% | 80% | 77% | 76% | .004** |
| | Weak | -- | -- | -- | -- | -- | 3% | 3% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 11% | 16% | 19% | 19% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | -- | 91% | 90% | 89% | 89% | .364 |
| | Weak | -- | -- | -- | -- | -- | 4% | 4% | 4% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 5% | 6% | 7% | 7% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | -- | 96% | 96% | 94% | 93% | .148 |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 0% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 3% | 4% | 6% | 5% | |
| Requires district to report aggregate fitness assessment results | None | -- | -- | -- | -- | -- | 95% | 93% | 93% | 93% | .126 |
| | Weak | -- | -- | -- | -- | -- | 2% | 2% | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 3% | 5% | 5% | 5% | |
| Requires district to report on student BMI screening (aggregate) | None | -- | -- | -- | -- | -- | 98% | 96% | 96% | 95% | .009** |
| | Weak | -- | -- | -- | -- | -- | 2% | 2% | 2% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report other (e.g., School Health Index) | None | -- | -- | -- | -- | -- | 82% | 80% | 81% | 83% | .866 |
| | Weak | -- | -- | -- | -- | -- | 6% | 6% | 5% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 13% | 14% | 13% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications. Significance levels: *p<.05 **p<.01 ***p<.001
 NC: significance level could not be calculated due to lack of variation over time.
 †Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table B-3. Percentage of Public School Districts Nationwide with Wellness Policy Provisions, Middle School Level, School Years 2006-07 through 2013-2014

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| NUTRITION EDUCATION | | | | | | | | | | |
| Nutrition education goals | None | 24% | 14% | 4% | 8% | 6% | 4% | 5% | 7% | .000*** |
| | Weak | 1% | 7% | 3% | 3% | 2% | 3% | 3% | 4% | |
| | Strong | 74% | 79% | 93% | 90% | 92% | 93% | 92% | 89% | |
| Nutrition curriculum for each grade | None | 39% | 37% | 18% | 23% | 17% | 20% | 22% | 25% | .010* |
| | Weak | 31% | 35% | 45% | 42% | 45% | 44% | 39% | 40% | |
| | Strong | 30% | 28% | 36% | 35% | 38% | 37% | 39% | 34% | |
| School gardens | None | -- | -- | 89% | 88% | 87% | 82% | 84% | 86% | .131 |
| | Weak | -- | -- | 11% | 12% | 12% | 17% | 15% | 11% | |
| | Strong | -- | -- | 0% | 0% | 1% | 1% | 1% | 2% | |
| Nutrition education training for teachers | None | 73% | 73% | 60% | 59% | 63% | 56% | 59% | 60% | .002** |
| | Weak | 20% | 21% | 32% | 32% | 27% | 32% | 30% | 31% | |
| | Strong | 7% | 6% | 9% | 8% | 10% | 12% | 11% | 9% | |
| Nutrition education integrated into other subjects | None | 59% | 60% | 53% | 49% | 53% | 48% | 50% | 49% | .060 |
| | Weak | 14% | 15% | 16% | 18% | 17% | 21% | 20% | 20% | |
| | Strong | 27% | 25% | 31% | 33% | 29% | 31% | 30% | 32% | |
| Nutrition education teaches behavior-focused skills | None | 39% | 36% | 19% | 23% | 24% | 22% | 23% | 26% | .012* |
| | Weak | 16% | 21% | 24% | 23% | 22% | 25% | 24% | 21% | |
| | Strong | 45% | 43% | 57% | 54% | 54% | 53% | 53% | 52% | |
| Number of nutrition education courses or hours specified | None | 99% | 99% | 98% | 98% | 95% | 91% | 92% | 92% | .001** |
| | Weak | 0% | 0% | 1% | 1% | 4% | 8% | 8% | 6% | |
| | Strong | 1% | 1% | 2% | 1% | 1% | 1% | 1% | 1% | |

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| SCHOOL MEALS | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 29% | 18% | 14% | 11% | 11% | 12% | 12% | 12% | .000*** |
| | Weak | 2% | 2% | 2% | 1% | 3% | 3% | 3% | 2% | |
| | Strong | 69% | 80% | 85% | 88% | 86% | 85% | 85% | 86% | |
| School Breakfast Program | None | 46% | 36% | 32% | 36% | 29% | 30% | 30% | 32% | .000*** |
| | Weak | 17% | 21% | 18% | 17% | 21% | 19% | 18% | 16% | |
| | Strong | 37% | 43% | 50% | 47% | 50% | 51% | 52% | 52% | |
| Low-fat cooking methods | None | 84% | 83% | 77% | 78% | 75% | 75% | 75% | 76% | .020* |
| | Weak | 12% | 14% | 20% | 19% | 22% | 20% | 21% | 18% | |
| | Strong | 3% | 3% | 3% | 3% | 4% | 5% | 4% | 6% | |
| Strategies to increase participation in meals | None | 63% | 59% | 46% | 44% | 44% | 42% | 45% | 49% | .037* |
| | Weak | 22% | 28% | 36% | 42% | 43% | 44% | 44% | 38% | |
| | Strong | 14% | 13% | 18% | 14% | 13% | 14% | 11% | 13% | |
| Closed campus at lunch | None | -- | -- | 96% | 96% | 94% | 94% | 94% | 94% | .645 |
| | Weak | -- | -- | 2% | 2% | 4% | 5% | 4% | 4% | |
| | Strong | -- | -- | 2% | 2% | 2% | 2% | 2% | 2% | |
| Recess before lunch for elementary students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 52% | 48% | 38% | 40% | 35% | 37% | 39% | 41% | .064 |
| | Weak | 37% | 42% | 47% | 46% | 53% | 52% | 52% | 49% | |
| | Strong | 11% | 10% | 15% | 15% | 12% | 10% | 9% | 10% | |
| Nutrition-related training for food service staff | None | 74% | 69% | 61% | 64% | 64% | 62% | 63% | 58% | .000*** |
| | Weak | 20% | 23% | 34% | 29% | 27% | 27% | 29% | 31% | |
| | Strong | 6% | 7% | 6% | 7% | 10% | 11% | 8% | 11% | |
| Nutrition information for school meals | None | 82% | 84% | 76% | 78% | 82% | 79% | 81% | 80% | .720 |
| | Weak | 7% | 6% | 11% | 12% | 9% | 11% | 9% | 10% | |
| | Strong | 10% | 10% | 13% | 10% | 9% | 11% | 10% | 10% | |

Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| Farm-to-school/cafeteria program | None | 95% | 93% | 94% | 92% | 95% | 93% | 92% | 90% | .001** |
| | Weak | 4% | 6% | 6% | 8% | 4% | 6% | 7% | 7% | |
| | Strong | 0% | 0% | 0% | 0% | 1% | 2% | 1% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 14% | 12% | .362 |
| | Weak | -- | -- | -- | -- | -- | -- | 4% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 82% | 86% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 14% | 12% | .375 |
| | Weak | -- | -- | -- | -- | -- | -- | 3% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 86% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 95% | 92% | 93% | 92% | 90% | .001** |
| | Weak | -- | -- | -- | 4% | 1% | 1% | 1% | 1% | |
| | Strong | -- | -- | -- | 1% | 7% | 7% | 7% | 9% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 90% | 90% | 85% | .025* |
| | Weak | -- | -- | -- | -- | -- | 2% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 8% | 9% | 13% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 99% | 98% | .311 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 1% | 2% | |

Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 25% | 14% | 5% | 6% | 6% | 6% | 7% | 9% | .000*** |
| | Weak | 25% | 34% | 32% | 32% | 36% | 36% | 36% | 31% | |
| | Strong | 50% | 52% | 63% | 62% | 58% | 58% | 58% | 60% | |
| Nutrition guidelines apply to food & beverage contracts | None | 86% | 83% | 76% | 77% | 73% | 73% | 75% | 75% | .026* |
| | Weak | 2% | 3% | 8% | 6% | 5% | 7% | 6% | 5% | |
| | Strong | 12% | 14% | 16% | 17% | 22% | 20% | 19% | 21% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 100% | 100% | 100% | 100% | 100% | 99% | NC |
| | Weak | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 54% | 53% | 43% | 42% | 40% | 39% | 38% | 43% | .047* |
| | Weak | 38% | 39% | 53% | 55% | 55% | 56% | 55% | 48% | |
| | Strong | 9% | 8% | 4% | 4% | 5% | 5% | 7% | 9% | |
| Prohibits using food as a reward | None | 74% | 72% | 66% | 68% | 65% | 65% | 66% | 67% | .024* |
| | Weak | 19% | 22% | 26% | 23% | 24% | 25% | 23% | 21% | |
| | Strong | 7% | 7% | 8% | 9% | 11% | 10% | 11% | 12% | |
| Nutrition information for competitive foods and beverages | None | 94% | 93% | 93% | 91% | 94% | 93% | 94% | 93% | .300 |
| | Weak | 3% | 3% | 3% | 4% | 3% | 4% | 2% | 2% | |
| | Strong | 3% | 4% | 4% | 4% | 3% | 3% | 3% | 5% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 89% | 89% | 88% | 90% | 86% | 89% | 89% | 86% | .252 |
| | Weak | 2% | 2% | 3% | 3% | 1% | 0% | 1% | 3% | |
| | Strong | 9% | 9% | 9% | 7% | 13% | 10% | 10% | 12% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 99% | 99% | 98% | 99% | 99% | 99% | 99% | 99% | .824 |
| | Weak | 1% | 1% | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Bans fast food sales on campus | None | -- | -- | 100% | 99% | 100% | 100% | 99% | 100% | .800 |
| | Weak | -- | -- | 0% | 1% | 0% | 0% | 1% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 37% | 27% | 17% | 19% | 19% | 20% | 20% | 22% | .000*** |
| | Weak | 51% | 56% | 54% | 54% | 59% | 58% | 57% | 56% | |
| | Strong | 12% | 17% | 29% | 27% | 21% | 22% | 23% | 22% | |
| School store restrictions during the school day | None | 42% | 32% | 27% | 29% | 30% | 30% | 30% | 29% | .000*** |
| | Weak | 48% | 53% | 48% | 49% | 53% | 51% | 49% | 50% | |
| | Strong | 10% | 15% | 24% | 22% | 17% | 18% | 20% | 21% | |
| À la carte restrictions during meal times | None | 38% | 28% | 13% | 18% | 17% | 17% | 16% | 18% | .000*** |
| | Weak | 51% | 55% | 53% | 53% | 62% | 59% | 60% | 59% | |
| | Strong | 11% | 16% | 35% | 29% | 21% | 24% | 24% | 24% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Classroom parties | None | 49% | 39% | 32% | 35% | 35% | 34% | 37% | 40% | .023* |
| | Weak | 50% | 60% | 66% | 65% | 64% | 65% | 62% | 60% | |
| | Strong | 1% | 2% | 1% | 0% | 1% | 1% | 1% | 0% | |
| Fundraisers during the school day | None | 57% | 46% | 35% | 38% | 36% | 34% | 33% | 38% | .000*** |
| | Weak | 42% | 52% | 45% | 46% | 52% | 53% | 52% | 48% | |
| | Strong | 1% | 2% | 20% | 16% | 12% | 13% | 15% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 29% | 18% | 9% | 10% | 9% | 10% | 9% | 12% | .000*** |
| | PE addressed | 71% | 82% | 91% | 90% | 91% | 90% | 91% | 88% | |
| PE curriculum for each grade | None | 50% | 48% | 32% | 33% | 21% | 21% | 22% | 29% | .004** |
| | Weak | 14% | 16% | 27% | 25% | 34% | 35% | 35% | 32% | |
| | Strong | 36% | 37% | 40% | 42% | 45% | 43% | 44% | 39% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 79% | 80% | 71% | 77% | 71% | 72% | 76% | 78% | .714 |
| | Weak | 18% | 18% | 27% | 21% | 25% | 25% | 22% | 19% | |
| | Strong | 2% | 2% | 2% | 3% | 4% | 3% | 1% | 3% | |
| PE required to teach about a physically active lifestyle | None | 49% | 40% | 33% | 37% | 31% | 29% | 27% | 30% | .000*** |
| | Weak | 7% | 11% | 6% | 5% | 7% | 10% | 8% | 5% | |
| | Strong | 45% | 49% | 61% | 57% | 62% | 61% | 64% | 65% | |
| PE competency assessment required | None | 64% | 61% | 53% | 56% | 48% | 47% | 46% | 45% | .000*** |
| | Weak | 9% | 11% | 3% | 3% | 5% | 9% | 8% | 5% | |
| | Strong | 27% | 28% | 44% | 41% | 46% | 45% | 46% | 50% | |
| PE classes, courses, or credits for HS students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Frequency of PE (strong=daily) | None | 91% | 86% | 89% | 88% | 89% | 88% | 90% | 93% | .673 |
| | Weak | 3% | 9% | 4% | 4% | 4% | 5% | 4% | 2% | |
| | Strong | 5% | 5% | 7% | 8% | 7% | 7% | 6% | 5% | |
| Teacher-student ratio for PE | None | 91% | 90% | 86% | 86% | 84% | 83% | 85% | 84% | .003** |
| | Weak | 9% | 9% | 14% | 14% | 14% | 15% | 13% | 13% | |
| | Strong | 1% | 1% | 0% | 0% | 1% | 2% | 2% | 3% | |
| Safe/adequate facilities for PE | None | 87% | 85% | 80% | 82% | 80% | 77% | 80% | 77% | .011* |
| | Weak | 5% | 7% | 11% | 10% | 13% | 14% | 10% | 11% | |
| | Strong | 8% | 8% | 9% | 8% | 7% | 9% | 10% | 11% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 71% | 69% | 59% | 60% | 64% | 61% | 64% | 64% | .080 |
| | Weak | 22% | 22% | 28% | 30% | 26% | 27% | 27% | 24% | |
| | Strong | 8% | 9% | 13% | 10% | 10% | 11% | 9% | 12% | |
| PE to be taught by state-authorized physical educator | None | 74% | 72% | 61% | 65% | 69% | 65% | 67% | 65% | .004** |
| | Weak | 6% | 7% | 5% | 5% | 5% | 5% | 5% | 5% | |
| | Strong | 20% | 20% | 34% | 30% | 26% | 30% | 28% | 31% | |
| PE teachers to be trained in PE skills | None | 85% | 85% | 82% | 83% | 82% | 82% | 84% | 83% | .358 |
| | Weak | 6% | 7% | 4% | 4% | 4% | 4% | 3% | 4% | |
| | Strong | 9% | 8% | 13% | 12% | 14% | 15% | 14% | 13% | |
| Prohibits waivers to get out of PE | None | 95% | 96% | 92% | 94% | 93% | 90% | 91% | 91% | .059 |
| | Weak | 1% | 1% | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Strong | 4% | 3% | 8% | 6% | 7% | 9% | 8% | 7% | |
| Annual health assessment in PE class | None | 79% | 75% | 68% | 67% | 64% | 59% | 60% | 62% | .000*** |
| | Weak | 21% | 25% | 32% | 32% | 35% | 38% | 39% | 37% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 2% | 2% | 2% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | .305 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) | | | | | | | | | | |
| Goals for PA | None | 25% | 14% | 8% | 10% | 7% | 6% | 7% | 9% | .000*** |
| | Weak | 1% | 2% | 2% | 3% | 3% | 5% | 5% | 4% | |
| | Strong | 74% | 84% | 89% | 87% | 90% | 88% | 88% | 87% | |
| PA for every grade level | None | 47% | 39% | 34% | 33% | 28% | 33% | 34% | 36% | .006** |
| | Weak | 24% | 31% | 28% | 26% | 27% | 24% | 24% | 22% | |
| | Strong | 29% | 31% | 38% | 41% | 45% | 43% | 43% | 42% | |
| Amount of time for PA | None | -- | -- | 94% | 95% | 93% | 94% | 91% | 91% | .040* |
| | Weak | -- | -- | 4% | 3% | 3% | 3% | 4% | 5% | |
| | Strong | -- | -- | 2% | 2% | 4% | 3% | 4% | 4% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 62% | 55% | 52% | 50% | 49% | 50% | 48% | 47% | .000*** |
| | Weak | 32% | 39% | 37% | 36% | 37% | 37% | 41% | 40% | |
| | Strong | 6% | 6% | 11% | 13% | 14% | 13% | 11% | 13% | |
| Community use of facilities for PA | None | 78% | 74% | 68% | 68% | 69% | 70% | 72% | 73% | .138 |
| | Weak | 8% | 6% | 14% | 13% | 10% | 11% | 12% | 10% | |
| | Strong | 14% | 20% | 17% | 18% | 20% | 19% | 15% | 17% | |
| Safe active routes to school | None | 88% | 90% | 84% | 83% | 85% | 84% | 85% | 84% | .234 |
| | Weak | 4% | 4% | 7% | 8% | 8% | 8% | 8% | 7% | |
| | Strong | 7% | 7% | 9% | 9% | 7% | 9% | 7% | 9% | |
| Prohibit using PA as punishment | None | 81% | 78% | 67% | 71% | 72% | 68% | 70% | 71% | .003** |
| | Weak | 8% | 12% | 15% | 12% | 11% | 12% | 14% | 13% | |
| | Strong | 11% | 11% | 18% | 17% | 17% | 20% | 16% | 16% | |
| Daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Less than daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 87% | 86% | .456 |
| | Weak | -- | -- | -- | -- | -- | 8% | 10% | 7% | |
| | Strong | -- | -- | -- | -- | -- | 5% | 4% | 7% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 58% | 58% | 44% | 47% | 45% | 42% | 45% | 48% | .064 |
| | Weak | 15% | 15% | 26% | 24% | 22% | 24% | 21% | 19% | |
| | Strong | 27% | 27% | 31% | 29% | 33% | 33% | 34% | 33% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 68% | 66% | 55% | 60% | 64% | 65% | 62% | 60% | .102 |
| | Weak | 14% | 18% | 24% | 23% | 17% | 17% | 21% | 20% | |
| | Strong | 18% | 16% | 21% | 17% | 19% | 17% | 17% | 21% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 71% | 69% | 59% | 65% | 67% | 64% | 66% | 65% | .047* |
| | Weak | 11% | 11% | 10% | 8% | 10% | 11% | 12% | 10% | |
| | Strong | 18% | 19% | 31% | 27% | 23% | 25% | 22% | 25% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 60% | 59% | 56% | .071 |
| | Weak | -- | -- | -- | -- | -- | 24% | 21% | 22% | |
| | Strong | -- | -- | -- | -- | -- | 16% | 20% | 23% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 79% | 79% | 77% | .258 |
| | Weak | -- | -- | -- | -- | -- | 12% | 11% | 10% | |
| | Strong | -- | -- | -- | -- | -- | 9% | 10% | 12% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 87% | 87% | 78% | 84% | 80% | 77% | 76% | 78% | .005** |
| | Weak | 9% | 10% | 15% | 10% | 13% | 16% | 17% | 14% | |
| | Strong | 4% | 4% | 7% | 6% | 7% | 7% | 7% | 8% | |
| Staff wellness programs | None | 80% | 79% | 72% | 76% | 72% | 71% | 71% | 71% | .082 |
| | Weak | 10% | 10% | 20% | 16% | 22% | 21% | 20% | 18% | |
| | Strong | 10% | 10% | 8% | 7% | 6% | 8% | 9% | 11% | |
| Staff to role model healthy behaviors | None | 72% | 72% | 69% | 74% | 71% | 66% | 63% | 61% | .028* |
| | Weak | 8% | 9% | 11% | 9% | 10% | 9% | 13% | 15% | |
| | Strong | 20% | 19% | 21% | 18% | 19% | 25% | 25% | 24% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 77% | 78% | 66% | 72% | 74% | 71% | 69% | 69% | .077 |
| | Weak | 18% | 17% | 27% | 24% | 22% | 24% | 27% | 26% | |
| | Strong | 5% | 5% | 8% | 3% | 4% | 4% | 4% | 5% | |
| Restricted marketing | None | 86% | 84% | 77% | 77% | 79% | 78% | 78% | 79% | .083 |
| | Weak | 5% | 4% | 6% | 8% | 11% | 8% | 9% | 7% | |
| | Strong | 10% | 11% | 17% | 16% | 10% | 14% | 12% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 32% | 24% | 15% | 15% | 15% | 12% | 13% | 15% | .000*** |
| | Weak | 5% | 5% | 2% | 3% | 5% | 5% | 4% | 5% | |
| | Strong | 63% | 71% | 83% | 82% | 80% | 83% | 83% | 80% | |
| Plan for implementation | None | 36% | 27% | 15% | 16% | 16% | 13% | 13% | 16% | .000*** |
| | Weak | 4% | 4% | 3% | 2% | 6% | 6% | 6% | 5% | |
| | Strong | 60% | 69% | 81% | 82% | 78% | 81% | 81% | 80% | |
| Ongoing health advisory committee | None | 58% | 47% | 40% | 49% | 45% | 45% | 44% | 46% | .001** |
| | Weak | 9% | 11% | 8% | 7% | 8% | 8% | 8% | 5% | |
| | Strong | 33% | 42% | 52% | 44% | 46% | 48% | 48% | 49% | |
| Body mass index (BMI) screening | None | 88% | 85% | 72% | 72% | 70% | 68% | 69% | 71% | .000*** |
| | Suggested/ encouraged | 6% | 6% | 12% | 13% | 22% | 21% | 22% | 19% | |
| | Req'd for only some grades | 5% | 8% | 14% | 12% | 7% | 8% | 8% | 9% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 2% | 1% | 0% | 0% | 1% | |
| Plan for evaluation | None | 62% | 50% | 33% | 47% | 46% | 43% | 41% | 40% | .000*** |
| | Weak | 32% | 45% | 52% | 42% | 46% | 47% | 49% | 49% | |
| | Strong | 6% | 5% | 15% | 12% | 7% | 9% | 10% | 11% | |
| | Reporting on policy compliance and/or implementation | None | 58% | 52% | 43% | 44% | 45% | 41% | 42% | |
| Weak | 20% | 27% | 28% | 22% | 25% | 27% | 27% | 28% | | |
| Strong | 22% | 20% | 29% | 34% | 30% | 31% | 31% | 30% | | |
| Funding for policy implementation | None | 93% | 94% | 94% | 96% | 97% | 97% | 97% | 97% | .007** |
| | Weak | 6% | 5% | 5% | 3% | 3% | 3% | 3% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 69% | 68% | 55% | 59% | 58% | 57% | 56% | 56% | .002** |
| | Weak | 10% | 8% | 12% | 12% | 12% | 12% | 14% | 13% | |
| | Strong | 22% | 24% | 33% | 29% | 30% | 31% | 30% | 32% | |
| Requires district to report to state | None | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 99% | .002** |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 1% | 1% | 1% | 1% | 1% | 1% | |

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06–'07 | '07–'08 | '08–'09 | '09–'10 | '10–'11 | '11–'12 | '12–'13 | '13–'14 | Sig. Diff.† |
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | 99% | 98% | 98% | 97% | |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | .130 |
| | Strong | -- | -- | -- | -- | 1% | 2% | 2% | 2% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | 90% | 91% | 89% | 85% | |
| | Weak | -- | -- | -- | -- | 6% | 4% | 5% | 6% | .013* |
| | Strong | -- | -- | -- | -- | 3% | 5% | 6% | 8% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | 99% | 99% | 99% | 99% | |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | .711 |
| | Strong | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | 88% | 80% | 77% | 73% | |
| | Weak | -- | -- | -- | -- | 1% | 3% | 3% | 3% | .000*** |
| | Strong | -- | -- | -- | -- | 11% | 18% | 20% | 24% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | 48% | 47% | 45% | 47% | |
| | Weak | -- | -- | -- | -- | 5% | 3% | 2% | 0% | .303 |
| | Strong | -- | -- | -- | -- | 46% | 51% | 53% | 53% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | 98% | 97% | 98% | 98% | |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | .492 |
| | Strong | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | 96% | 92% | 95% | 95% | |
| | Weak | -- | -- | -- | -- | 2% | 2% | 1% | 0% | .360 |
| | Strong | -- | -- | -- | -- | 3% | 6% | 4% | 5% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | 98% | 95% | 94% | 92% | |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 3% | .006** |
| | Strong | -- | -- | -- | -- | 2% | 5% | 6% | 4% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | 50% | 46% | 44% | 43% | |
| | Weak | -- | -- | -- | -- | 6% | 4% | 3% | 1% | .016* |
| | Strong | -- | -- | -- | -- | 44% | 50% | 53% | 56% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | 95% | 95% | 94% | 95% | |
| | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 1% | .861 |
| | Strong | -- | -- | -- | -- | 4% | 5% | 6% | 4% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | 85% | 80% | 77% | 76% | |
| | Weak | -- | -- | -- | -- | 4% | 4% | 5% | 5% | .007** |
| | Strong | -- | -- | -- | -- | 12% | 17% | 18% | 19% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | 90% | 91% | 89% | 89% | |
| | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | .756 |
| | Strong | -- | -- | -- | -- | 6% | 5% | 7% | 6% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | 96% | 95% | 94% | 94% | |
| | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 2% | .302 |
| | Strong | -- | -- | -- | -- | 3% | 4% | 5% | 4% | |
| Requires district to report aggregate fitness assessment results | None | -- | -- | -- | -- | 95% | 92% | 93% | 93% | |
| | Weak | -- | -- | -- | -- | 2% | 2% | 2% | 2% | .292 |
| | Strong | -- | -- | -- | -- | 3% | 6% | 5% | 5% | |
| Requires district to report on student BMI screening (aggregate) | None | -- | -- | -- | -- | 98% | 96% | 96% | 95% | |
| | Weak | -- | -- | -- | -- | 2% | 2% | 2% | 1% | .010* |
| | Strong | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report on other (e.g., School Health Index) | None | -- | -- | -- | -- | 81% | 80% | 81% | 82% | |
| | Weak | -- | -- | -- | -- | 7% | 7% | 6% | 5% | .961 |
| | Strong | -- | -- | -- | -- | 12% | 13% | 13% | 13% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications. Significance levels: *p<.05 **p<.01 ***p<.001

NC: significance level could not be calculated due to lack of variation over time.

†Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table B-4. Percentage of Public School Districts Nationwide with Wellness Policy Provisions, High School Level, School Years 2006-07 through 2013-2014

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| NUTRITION EDUCATION | | | | | | | | | | |
| Nutrition education goals | None | 27% | 17% | 4% | 10% | 8% | 4% | 4% | 6% | .000*** |
| | Weak | 1% | 2% | 4% | 3% | 2% | 2% | 3% | 4% | |
| | Strong | 71% | 81% | 92% | 88% | 90% | 94% | 93% | 90% | |
| Nutrition curriculum for each grade | None | 43% | 38% | 20% | 23% | 19% | 18% | 21% | 25% | .008** |
| | Weak | 29% | 36% | 44% | 43% | 46% | 47% | 43% | 44% | |
| | Strong | 28% | 27% | 36% | 33% | 35% | 35% | 36% | 32% | |
| School gardens | None | -- | -- | 88% | 88% | 87% | 82% | 84% | 86% | .272 |
| | Weak | -- | -- | 12% | 12% | 13% | 17% | 15% | 13% | |
| | Strong | -- | -- | 0% | 0% | 1% | 1% | 1% | 1% | |
| Nutrition education training for teachers | None | 73% | 71% | 57% | 58% | 63% | 56% | 59% | 59% | .001** |
| | Weak | 20% | 23% | 33% | 34% | 27% | 32% | 29% | 30% | |
| | Strong | 7% | 7% | 10% | 8% | 10% | 12% | 12% | 11% | |
| Nutrition education integrated into other subjects | None | 62% | 60% | 53% | 49% | 55% | 49% | 51% | 49% | .042* |
| | Weak | 11% | 14% | 16% | 17% | 16% | 20% | 19% | 20% | |
| | Strong | 27% | 26% | 30% | 33% | 29% | 31% | 29% | 30% | |
| Nutrition education teaches behavior-focused skills | None | 42% | 35% | 18% | 23% | 25% | 19% | 21% | 25% | .005** |
| | Weak | 15% | 20% | 23% | 23% | 23% | 27% | 26% | 23% | |
| | Strong | 43% | 45% | 58% | 54% | 52% | 54% | 53% | 52% | |
| Number of nutrition education courses or hours specified | None | 99% | 98% | 95% | 95% | 94% | 90% | 89% | 90% | .000*** |
| | Weak | 1% | 1% | 3% | 3% | 5% | 9% | 10% | 9% | |
| | Strong | 1% | 1% | 2% | 1% | 1% | 1% | 0% | 1% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| SCHOOL MEALS | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 32% | 22% | 12% | 14% | 12% | 11% | 12% | 12% | .000*** |
| | Weak | 1% | 1% | 1% | 0% | 3% | 3% | 4% | 2% | |
| | Strong | 67% | 77% | 87% | 86% | 86% | 87% | 84% | 86% | |
| School Breakfast Program | None | 49% | 43% | 34% | 37% | 29% | 28% | 29% | 31% | .000*** |
| | Weak | 18% | 17% | 17% | 18% | 24% | 21% | 19% | 16% | |
| | Strong | 33% | 41% | 48% | 45% | 47% | 51% | 52% | 53% | |
| Low-fat cooking methods | None | 85% | 83% | 77% | 78% | 73% | 74% | 74% | 74% | .006** |
| | Weak | 12% | 14% | 20% | 19% | 24% | 22% | 22% | 20% | |
| | Strong | 3% | 3% | 3% | 3% | 3% | 3% | 4% | 6% | |
| Strategies to increase participation in meals | None | 66% | 63% | 46% | 43% | 43% | 41% | 44% | 46% | .003** |
| | Weak | 20% | 23% | 35% | 42% | 44% | 46% | 45% | 39% | |
| | Strong | 14% | 14% | 20% | 15% | 13% | 13% | 12% | 14% | |
| Closed campus at lunch | None | -- | -- | 95% | 96% | 94% | 94% | 94% | 94% | .790 |
| | Weak | -- | -- | 2% | 2% | 4% | 5% | 4% | 4% | |
| | Strong | -- | -- | 3% | 2% | 2% | 2% | 1% | 2% | |
| Recess before lunch for elementary students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 55% | 47% | 38% | 40% | 35% | 38% | 40% | 39% | .008** |
| | Weak | 35% | 43% | 46% | 44% | 52% | 51% | 51% | 49% | |
| | Strong | 10% | 10% | 15% | 16% | 13% | 11% | 9% | 12% | |
| Nutrition-related training for food service staff | None | 75% | 70% | 63% | 65% | 63% | 62% | 62% | 56% | .000*** |
| | Weak | 19% | 24% | 32% | 31% | 29% | 29% | 30% | 32% | |
| | Strong | 6% | 7% | 5% | 5% | 9% | 10% | 8% | 11% | |
| Nutrition information for school meals | None | 85% | 83% | 74% | 79% | 83% | 80% | 81% | 79% | .184 |
| | Weak | 6% | 7% | 11% | 11% | 8% | 10% | 9% | 11% | |
| | Strong | 9% | 11% | 15% | 10% | 10% | 11% | 10% | 10% | |

Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| Farm-to-school/cafeteria program | None | 96% | 95% | 93% | 92% | 96% | 94% | 94% | 91% | .001** |
| | Weak | 4% | 5% | 6% | 8% | 4% | 5% | 5% | 6% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 1% | 1% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 13% | 13% | .561 |
| | Weak | -- | -- | -- | -- | -- | -- | 4% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 82% | 85% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 13% | 13% | .575 |
| | Weak | -- | -- | -- | -- | -- | -- | 4% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 83% | 85% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 95% | 92% | 93% | 92% | 91% | .002** |
| | Weak | -- | -- | -- | 3% | 1% | 1% | 1% | 2% | |
| | Strong | -- | -- | -- | 2% | 7% | 6% | 7% | 7% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 90% | 90% | 85% | .053 |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 9% | 9% | 13% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 99% | 98% | .318 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 1% | 2% | |

Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 29% | 19% | 7% | 10% | 9% | 6% | 8% | 11% | .001** |
| | Weak | 27% | 32% | 35% | 35% | 38% | 38% | 39% | 33% | |
| | Strong | 44% | 49% | 57% | 54% | 53% | 55% | 54% | 56% | |
| Nutrition guidelines apply to food & beverage contracts | None | 84% | 81% | 76% | 76% | 73% | 72% | 74% | 75% | .102 |
| | Weak | 2% | 3% | 5% | 6% | 4% | 6% | 6% | 5% | |
| | Strong | 14% | 16% | 20% | 19% | 23% | 22% | 20% | 20% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 100% | 100% | 100% | 100% | 100% | 99% | NC |
| | Weak | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 57% | 52% | 43% | 43% | 41% | 40% | 41% | 43% | .007** |
| | Weak | 35% | 39% | 52% | 53% | 54% | 55% | 52% | 46% | |
| | Strong | 8% | 9% | 5% | 4% | 5% | 5% | 8% | 11% | |
| Prohibits using food as a reward | None | 75% | 70% | 66% | 69% | 64% | 64% | 66% | 68% | .030* |
| | Weak | 18% | 24% | 26% | 22% | 24% | 26% | 24% | 21% | |
| | Strong | 7% | 6% | 9% | 9% | 12% | 10% | 9% | 11% | |
| Nutrition information for competitive foods and beverages | None | 94% | 92% | 93% | 92% | 94% | 93% | 94% | 92% | .211 |
| | Weak | 3% | 3% | 3% | 4% | 3% | 3% | 2% | 3% | |
| | Strong | 3% | 5% | 4% | 5% | 3% | 4% | 4% | 5% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 89% | 89% | 88% | 90% | 84% | 88% | 88% | 83% | .033* |
| | Weak | 2% | 2% | 3% | 3% | 1% | 1% | 1% | 3% | |
| | Strong | 9% | 9% | 9% | 7% | 15% | 11% | 11% | 14% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 99% | 98% | 99% | 99% | 99% | 99% | 100% | 99% | .862 |
| | Weak | 1% | 2% | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Bans fast food sales on campus | None | -- | -- | 100% | 99% | 100% | 100% | 100% | 100% | .823 |
| | Weak | -- | -- | 0% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 41% | 33% | 18% | 25% | 24% | 21% | 23% | 28% | .001** |
| | Weak | 51% | 56% | 65% | 59% | 63% | 63% | 62% | 57% | |
| | Strong | 8% | 11% | 17% | 15% | 13% | 15% | 14% | 15% | |
| School store restrictions during the school day | None | 46% | 39% | 29% | 33% | 35% | 33% | 36% | 35% | .001** |
| | Weak | 47% | 51% | 56% | 53% | 56% | 56% | 52% | 50% | |
| | Strong | 7% | 10% | 15% | 14% | 10% | 11% | 12% | 14% | |
| À la carte restrictions during meal times | None | 42% | 35% | 16% | 22% | 19% | 16% | 17% | 20% | .000*** |
| | Weak | 49% | 54% | 60% | 59% | 67% | 67% | 67% | 63% | |
| | Strong | 9% | 12% | 24% | 19% | 13% | 17% | 15% | 18% | |

Percentage of Public School *Districts* Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|------------------------------------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| Classroom parties | None | 50% | 44% | 31% | 34% | 34% | 33% | 39% | 40% | .028* |
| | Weak | 49% | 54% | 68% | 66% | 65% | 66% | 61% | 59% | |
| | Strong | 0% | 2% | 1% | 0% | 1% | 1% | 1% | 0% | |
| Fundraisers during the school day | None | 59% | 50% | 35% | 39% | 38% | 35% | 37% | 41% | .000*** |
| | Weak | 40% | 47% | 54% | 50% | 53% | 55% | 54% | 49% | |
| | Strong | 1% | 2% | 11% | 10% | 9% | 10% | 10% | 10% | |

Percentage of Public School *Districts* Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 33% | 22% | 11% | 13% | 11% | 8% | 9% | 12% | .000*** |
| | PE addressed | 67% | 78% | 89% | 87% | 89% | 92% | 91% | 88% | |
| PE curriculum for each grade | None | 53% | 48% | 35% | 36% | 22% | 22% | 22% | 31% | .002** |
| | Weak | 17% | 19% | 31% | 26% | 38% | 39% | 39% | 33% | |
| | Strong | 30% | 33% | 34% | 38% | 39% | 39% | 39% | 36% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 87% | 83% | 85% | 87% | 82% | 79% | 84% | 85% | .915 |
| | Weak | 9% | 13% | 12% | 12% | 16% | 18% | 15% | 13% | |
| | Strong | 4% | 3% | 3% | 1% | 2% | 2% | 1% | 2% | |
| PE required to teach about a physically active lifestyle | None | 52% | 45% | 34% | 40% | 35% | 28% | 29% | 31% | .000*** |
| | Weak | 6% | 6% | 7% | 5% | 9% | 11% | 10% | 7% | |
| | Strong | 42% | 49% | 58% | 55% | 56% | 60% | 61% | 62% | |
| PE competency assessment required | None | 66% | 61% | 54% | 58% | 52% | 48% | 49% | 47% | .000*** |
| | Weak | 8% | 11% | 3% | 3% | 5% | 9% | 8% | 7% | |
| | Strong | 26% | 29% | 43% | 39% | 43% | 43% | 43% | 46% | |
| PE classes, courses, or credits for HS students | None | 88% | 87% | 82% | 83% | 78% | 79% | 76% | 79% | .000*** |
| | Weak | 3% | 4% | 3% | 1% | 2% | 2% | 2% | 2% | |
| | Strong | 9% | 9% | 15% | 16% | 20% | 19% | 22% | 19% | |
| Frequency of PE (strong=daily) | None | 93% | 93% | 92% | 91% | 91% | 90% | 91% | 94% | .812 |
| | Weak | 3% | 4% | 4% | 3% | 4% | 4% | 5% | 2% | |
| | Strong | 4% | 2% | 4% | 6% | 5% | 5% | 4% | 4% | |
| Teacher-student ratio for PE | None | 91% | 89% | 86% | 87% | 87% | 85% | 86% | 84% | .003** |
| | Weak | 9% | 11% | 14% | 13% | 12% | 13% | 12% | 13% | |
| | Strong | 0% | 1% | 0% | 0% | 2% | 2% | 2% | 3% | |
| Safe/adequate facilities for PE | None | 86% | 84% | 80% | 81% | 81% | 78% | 80% | 78% | .024* |
| | Weak | 6% | 9% | 12% | 12% | 13% | 15% | 10% | 11% | |
| | Strong | 8% | 8% | 8% | 7% | 6% | 7% | 10% | 11% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 73% | 70% | 62% | 61% | 65% | 62% | 64% | 64% | .012* |
| | Weak | 21% | 23% | 27% | 30% | 25% | 28% | 27% | 24% | |
| | Strong | 6% | 8% | 11% | 9% | 9% | 11% | 9% | 12% | |
| PE to be taught by state-authorized physical educator | None | 73% | 70% | 60% | 65% | 70% | 66% | 66% | 65% | .017* |
| | Weak | 6% | 7% | 4% | 4% | 4% | 4% | 5% | 4% | |
| | Strong | 21% | 23% | 35% | 32% | 26% | 30% | 29% | 31% | |
| PE teachers to be trained in PE skills | None | 86% | 86% | 84% | 85% | 84% | 82% | 85% | 84% | .366 |
| | Weak | 4% | 5% | 5% | 4% | 4% | 4% | 3% | 5% | |
| | Strong | 9% | 9% | 11% | 11% | 12% | 13% | 11% | 12% | |
| Prohibits waivers to get out of PE | None | 95% | 95% | 93% | 94% | 93% | 91% | 92% | 91% | .031* |
| | Weak | 1% | 1% | 1% | 0% | 1% | 1% | 1% | 2% | |
| | Strong | 4% | 4% | 6% | 6% | 6% | 8% | 7% | 8% | |
| Annual health assessment in PE class | None | 80% | 76% | 71% | 72% | 70% | 66% | 66% | 65% | .000*** |
| | Weak | 20% | 23% | 28% | 28% | 30% | 32% | 32% | 33% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 1% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | .304 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | | |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) | | | | | | | | | | | |
| Goals for PA | None | | 28% | 18% | 10% | 11% | 9% | 6% | 7% | 10% | .001** |
| | Weak | | 1% | 1% | 2% | 3% | 3% | 4% | 5% | 4% | |
| | Strong | | 71% | 80% | 88% | 86% | 88% | 90% | 88% | 86% | |
| PA for every grade level | None | | 49% | 44% | 34% | 35% | 31% | 31% | 33% | 39% | .039* |
| | Weak | | 24% | 26% | 30% | 25% | 28% | 26% | 24% | 23% | |
| | Strong | | 28% | 30% | 36% | 41% | 42% | 43% | 43% | 38% | |
| Amount of time for PA | None | | -- | -- | 96% | 96% | 95% | 95% | 94% | 94% | .113 |
| | Weak | | -- | -- | 4% | 4% | 3% | 3% | 4% | 4% | |
| | Strong | | -- | -- | 1% | 0% | 2% | 2% | 2% | 2% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | | 62% | 56% | 51% | 50% | 52% | 48% | 46% | 47% | .000*** |
| | Weak | | 31% | 37% | 35% | 36% | 35% | 38% | 41% | 40% | |
| | Strong | | 6% | 7% | 14% | 14% | 13% | 14% | 13% | 14% | |
| Community use of facilities for PA | None | | 79% | 74% | 66% | 69% | 69% | 70% | 72% | 72% | .051 |
| | Weak | | 7% | 6% | 16% | 12% | 10% | 10% | 12% | 10% | |
| | Strong | | 14% | 20% | 18% | 19% | 22% | 20% | 16% | 19% | |
| Safe active routes to school | None | | 89% | 90% | 84% | 83% | 85% | 84% | 86% | 83% | .033* |
| | Weak | | 4% | 4% | 8% | 9% | 8% | 7% | 7% | 7% | |
| | Strong | | 7% | 6% | 8% | 8% | 7% | 9% | 8% | 10% | |
| Prohibit using PA as punishment | None | | 84% | 79% | 68% | 71% | 72% | 69% | 69% | 68% | .000*** |
| | Weak | | 6% | 10% | 14% | 11% | 11% | 13% | 15% | 14% | |
| | Strong | | 10% | 11% | 18% | 18% | 17% | 18% | 16% | 17% | |
| Daily recess for elementary grades | None | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | | -- | -- | -- | -- | -- | -- | -- | -- | |
| Less than daily recess for elementary grades | None | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | | -- | -- | -- | -- | -- | -- | -- | -- | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | | -- | -- | -- | -- | -- | 87% | 88% | 87% | .361 |
| | Weak | | -- | -- | -- | -- | -- | 8% | 9% | 6% | |
| | Strong | | -- | -- | -- | -- | -- | 5% | 3% | 8% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | | |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | | 60% | 57% | 49% | 48% | 44% | 41% | 44% | 46% | .022* |
| | Weak | | 14% | 14% | 20% | 21% | 20% | 23% | 20% | 19% | |
| | Strong | | 27% | 29% | 31% | 30% | 36% | 36% | 36% | 35% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | | 72% | 67% | 58% | 64% | 65% | 67% | 66% | 64% | .160 |
| | Weak | | 12% | 16% | 23% | 20% | 17% | 18% | 18% | 16% | |
| | Strong | | 17% | 16% | 19% | 16% | 18% | 15% | 16% | 20% | |
| Addresses ways to engage parents and community in policy development/ revision | None | | 74% | 70% | 61% | 65% | 67% | 63% | 66% | 64% | .006** |
| | Weak | | 9% | 10% | 8% | 8% | 10% | 11% | 11% | 9% | |
| | Strong | | 17% | 20% | 32% | 27% | 23% | 26% | 23% | 26% | |
| Stakeholders involved in periodic reviews of wellness policies | None | | -- | -- | -- | -- | -- | 58% | 58% | 56% | .174 |
| | Weak | | -- | -- | -- | -- | -- | 26% | 23% | 21% | |
| | Strong | | -- | -- | -- | -- | -- | 16% | 19% | 22% | |
| Stakeholders involved in wellness policy update | None | | -- | -- | -- | -- | -- | 77% | 78% | 76% | .295 |
| | Weak | | -- | -- | -- | -- | -- | 14% | 12% | 11% | |
| | Strong | | -- | -- | -- | -- | -- | 9% | 10% | 13% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| STAFF WELLNESS & MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 88% | 88% | 80% | 84% | 81% | 77% | 76% | 78% | .001** |
| | Weak | 8% | 9% | 12% | 10% | 13% | 16% | 16% | 13% | |
| | Strong | 4% | 3% | 8% | 6% | 6% | 7% | 8% | 8% | |
| Staff wellness programs | None | 82% | 78% | 70% | 74% | 70% | 69% | 70% | 70% | .010* |
| | Weak | 9% | 11% | 22% | 18% | 23% | 23% | 20% | 17% | |
| | Strong | 9% | 10% | 8% | 8% | 6% | 8% | 9% | 12% | |
| Staff to role model healthy behaviors | None | 74% | 72% | 68% | 74% | 71% | 66% | 63% | 63% | .043* |
| | Weak | 7% | 9% | 12% | 9% | 10% | 10% | 13% | 15% | |
| | Strong | 19% | 19% | 20% | 16% | 19% | 24% | 23% | 22% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 78% | 66% | 70% | 73% | 70% | 66% | 67% | .012* |
| | Weak | 16% | 17% | 27% | 25% | 22% | 24% | 28% | 25% | |
| | Strong | 5% | 6% | 7% | 4% | 5% | 5% | 6% | 7% | |
| Restricted marketing | None | 89% | 86% | 82% | 80% | 81% | 79% | 80% | 79% | .001** |
| | Weak | 5% | 5% | 5% | 7% | 10% | 8% | 8% | 6% | |
| | Strong | 6% | 9% | 13% | 14% | 9% | 13% | 12% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|--|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 35% | 27% | 17% | 17% | 14% | 10% | 12% | 15% | .000*** |
| | Weak | 5% | 5% | 1% | 3% | 6% | 4% | 4% | 5% | |
| | Strong | 60% | 68% | 82% | 80% | 80% | 86% | 84% | 80% | |
| Plan for implementation | None | 39% | 31% | 17% | 18% | 15% | 11% | 12% | 15% | .000*** |
| | Weak | 4% | 4% | 4% | 2% | 7% | 6% | 7% | 5% | |
| | Strong | 57% | 66% | 78% | 79% | 78% | 83% | 81% | 79% | |
| Ongoing health advisory committee | None | 61% | 53% | 38% | 47% | 45% | 43% | 43% | 44% | .000*** |
| | Weak | 7% | 10% | 8% | 6% | 8% | 7% | 7% | 5% | |
| | Strong | 32% | 37% | 54% | 47% | 47% | 50% | 50% | 50% | |
| Body mass index (BMI) screening | None | 89% | 86% | 75% | 75% | 73% | 71% | 71% | 72% | .000*** |
| | Suggested/ encouraged | 6% | 7% | 14% | 14% | 21% | 20% | 20% | 18% | |
| | Req'd for only some grades | 4% | 6% | 8% | 9% | 7% | 7% | 8% | 9% | |
| | Req'd w/o parent reporting | 0% | 0% | 2% | 2% | 0% | 0% | 0% | 0% | |
| | Req'd w/ parent reporting | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 1% | |
| Plan for evaluation | None | 63% | 54% | 32% | 47% | 44% | 40% | 40% | 40% | .000*** |
| | Weak | 32% | 41% | 54% | 42% | 48% | 50% | 49% | 49% | |
| | Strong | 5% | 5% | 14% | 11% | 8% | 10% | 11% | 11% | |
| Reporting on policy compliance and/or implementation | None | 62% | 58% | 45% | 46% | 47% | 40% | 42% | 43% | .000*** |
| | Weak | 20% | 23% | 27% | 22% | 24% | 28% | 26% | 26% | |
| | Strong | 18% | 19% | 28% | 32% | 29% | 31% | 32% | 31% | |
| Funding for policy implementation | None | 94% | 95% | 93% | 96% | 97% | 97% | 96% | 97% | .045* |
| | Weak | 5% | 5% | 6% | 3% | 3% | 3% | 4% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 71% | 70% | 58% | 59% | 59% | 56% | 56% | 55% | .000*** |
| | Weak | 8% | 7% | 10% | 10% | 11% | 11% | 12% | 12% | |
| | Strong | 20% | 23% | 32% | 30% | 30% | 33% | 32% | 33% | |
| Requires district to report to state | None | 100% | 100% | 99% | 99% | 99% | 99% | 99% | 99% | .002** |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 1% | 1% | 1% | 1% | 1% | 1% | |

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | 98% | 98% | 98% | 96% | .070 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 2% | 2% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | 92% | 92% | 90% | 87% | .017* |
| | Weak | -- | -- | -- | -- | 5% | 3% | 5% | 5% | |
| | Strong | -- | -- | -- | -- | 3% | 5% | 5% | 8% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .729 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 1% | 1% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | 88% | 80% | 75% | 72% | .000*** |
| | Weak | -- | -- | -- | -- | 1% | 2% | 4% | 3% | |
| | Strong | -- | -- | -- | -- | 11% | 18% | 21% | 24% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | 51% | 47% | 46% | 48% | .293 |
| | Weak | -- | -- | -- | -- | 4% | 3% | 3% | 1% | |
| | Strong | -- | -- | -- | -- | 45% | 51% | 52% | 51% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | 98% | 97% | 98% | 98% | .393 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | 96% | 92% | 95% | 94% | .091 |
| | Weak | -- | -- | -- | -- | 1% | 2% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 3% | 6% | 5% | 6% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | 98% | 95% | 94% | 92% | .010* |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 3% | |
| | Strong | -- | -- | -- | -- | 2% | 5% | 6% | 5% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | 52% | 45% | 44% | 44% | .024* |
| | Weak | -- | -- | -- | -- | 5% | 4% | 3% | 1% | |
| | Strong | -- | -- | -- | -- | 43% | 51% | 53% | 54% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | 97% | 96% | 95% | 95% | .196 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | 3% | 4% | 5% | 4% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | 86% | 80% | 76% | 75% | .000*** |
| | Weak | -- | -- | -- | -- | 3% | 4% | 5% | 5% | |
| | Strong | -- | -- | -- | -- | 10% | 16% | 19% | 21% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | 91% | 91% | 90% | 89% | .379 |
| | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | 5% | 5% | 6% | 6% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | 96% | 96% | 96% | 94% | .102 |
| | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 2% | |
| | Strong | -- | -- | -- | -- | 3% | 3% | 4% | 4% | |
| Requires district to report aggregate fitness assessment results | None | -- | -- | -- | -- | 96% | 94% | 95% | 94% | .079 |
| | Weak | -- | -- | -- | -- | 1% | 1% | 1% | 2% | |
| | Strong | -- | -- | -- | -- | 3% | 5% | 4% | 5% | |
| Requires district to report on student BMI screening (aggregate) | None | -- | -- | -- | -- | 98% | 96% | 95% | 95% | .007** |
| | Weak | -- | -- | -- | -- | 1% | 2% | 2% | 1% | |
| | Strong | -- | -- | -- | -- | 0% | 2% | 3% | 4% | |
| Requires district to report on other (e.g., School Health Index) | None | -- | -- | -- | -- | 84% | 82% | 81% | 82% | .358 |
| | Weak | -- | -- | -- | -- | 6% | 6% | 5% | 5% | |
| | Strong | -- | -- | -- | -- | 11% | 12% | 14% | 14% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications. Significance levels: *p<.05 **p<.01 ***p<.001
 NC: significance level could not be calculated due to lack of variation over time.
 †Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

District-weighted Competitive Food and Beverage Content Restrictions

The following tables summarize restrictions on competitive foods and/or beverages for school years 2008-09 through 2013-14. These restrictions are analyzed by each location of sale. Table C-1 represents the percent of public school *districts* nationwide with competitive food provisions across all grade levels. Tables C-2, C-3, and C-4 represent the percent of public school *districts* nationwide with competitive food provisions at the elementary, middle, and high school levels, respectively.

We defined **STRONG POLICY PROVISIONS** as those that required action and specified an implementation plan or strategy. They included language such as *shall, must, require, comply, and enforce*. **WEAK POLICY PROVISIONS** offered suggestions or recommendations, and some required action but only for certain grade levels or times of day. They included language such as *should, might, encourage, some, make an effort to, partial, and try*.

Table C-1. Percentage of Public School Districts Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, All Grades, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 46% | 47% | 46% | 47% | 48% | 48% | .205 |
| | Weak policy | 21% | 24% | 26% | 25% | 23% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 7% | 7% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 14% | 12% | 13% | 14% | 13% | 12% | |
| | Competitive food or location ban | 9% | 8% | 8% | 8% | 6% | 7% | |
| Limits on candy | No policy/provision | 61% | 60% | 64% | 67% | 68% | 68% | .185 |
| | Weak policy | 21% | 18% | 12% | 13% | 13% | 14% | |
| | Strong policy | 9% | 14% | 15% | 13% | 13% | 11% | |
| | Competitive food or location ban | 9% | 8% | 8% | 8% | 6% | 7% | |
| Fat content of foods | No policy/provision | 30% | 31% | 33% | 32% | 34% | 36% | .045* |
| | Weak policy | 28% | 30% | 27% | 29% | 28% | 26% | |
| | Strong policy: Did not meet IOM | 18% | 18% | 18% | 17% | 20% | 21% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 13% | 13% | 14% | 12% | 10% | |
| | Competitive food or location ban | 9% | 8% | 8% | 8% | 6% | 7% | |
| Trans fats in foods | No policy/provision | 65% | 62% | 61% | 62% | 61% | 59% | .080 |
| | Weak policy | 16% | 20% | 21% | 19% | 20% | 18% | |
| | Strong policy: Did not meet IOM | 9% | 7% | 5% | 4% | 4% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 3% | 5% | 7% | 9% | 13% | |
| | Competitive food or location ban | 9% | 8% | 8% | 8% | 6% | 7% | |
| Sodium content of foods | No policy/provision | 61% | 62% | 63% | 61% | 62% | 61% | .688 |
| | Weak policy | 20% | 21% | 21% | 23% | 22% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 7% | 8% | 9% | 9% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 9% | 8% | 8% | 8% | 6% | 7% | |
| Calorie content per individual serving of snack item | No policy/provision | 73% | 76% | 75% | 73% | 73% | 69% | .490 |
| | Weak policy | 3% | 4% | 4% | 6% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 9% | 7% | 5% | 6% | 6% | 6% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 6% | 5% | 8% | 8% | 10% | 12% | |
| | Competitive food or location ban | 9% | 8% | 8% | 7% | 6% | 7% | |
| Sugar content of beverages | No policy/provision | 45% | 45% | 49% | 48% | 46% | 48% | .528 |
| | Weak policy | 38% | 39% | 37% | 37% | 39% | 35% | |
| | Strong policy: Met IOM (added sugars prohibited) | 10% | 9% | 7% | 8% | 9% | 12% | |
| | Competitive food or location ban | 8% | 7% | 7% | 7% | 6% | 6% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Calorie content of beverages | No policy/provision | 80% | 82% | 83% | 82% | 80% | 80% | .478 |
| | Weak policy | 10% | 9% | 8% | 9% | 10% | 9% | |
| | Strong policy | 3% | 2% | 2% | 3% | 4% | 5% | |
| | Competitive food or location ban | 8% | 7% | 7% | 6% | 6% | 5% | |
| Regular soda | No policy/provision | 34% | 39% | 44% | 44% | 43% | 43% | .287 |
| | Weak policy | 18% | 14% | 10% | 10% | 9% | 9% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 30% | 31% | 32% | 31% | 33% | 31% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 9% | 7% | 8% | 9% | 12% | |
| | Competitive food or location ban | 8% | 7% | 7% | 7% | 6% | 6% | |
| SSBs other than soda | No policy/provision | 62% | 63% | 68% | 66% | 66% | 67% | .409 |
| | Weak policy | 20% | 21% | 18% | 19% | 19% | 16% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 9% | 7% | 8% | 9% | 12% | |
| | Competitive food or location ban | 8% | 7% | 7% | 7% | 6% | 6% | |
| Sugar/calorie content of milk | No policy/provision | 74% | 76% | 77% | 77% | 76% | 74% | .863 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 15% | 14% | 13% | 13% | 15% | 16% | |
| | Strong policy: Met IOM (\leq 22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| Fat content of milk | No policy/provision | 59% | 63% | 67% | 65% | 65% | 65% | .414 |
| | Weak policy | 26% | 23% | 20% | 23% | 22% | 19% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 8% | 7% | 6% | 6% | 7% | 10% | |
| | Competitive food or location ban | 8% | 7% | 7% | 7% | 6% | 6% | |
| Serving size limits for beverages | No policy/provision | 58% | 57% | 59% | 61% | 63% | 59% | .669 |
| | Weak policy | 25% | 26% | 26% | 25% | 23% | 24% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 7% | 7% | 8% | 9% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 61% | 62% | 66% | 65% | 63% | 64% | .229 |
| | Weak policy | 13% | 15% | 13% | 14% | 15% | 14% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 18% | 15% | 14% | 15% | 17% | 17% | |
| | Competitive food or location ban | 8% | 7% | 7% | 7% | 6% | 6% | |
| Require water for sale | No policy/provision | -- | -- | -- | 47% | 47% | 49% | .919 |
| | Weak policy | -- | -- | -- | 38% | 38% | 34% | |
| | Strong policy | -- | -- | -- | 8% | 9% | 11% | |
| | Competitive food or location ban | -- | -- | -- | 7% | 6% | 6% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 51% | 53% | 51% | 52% | 52% | 52% | .307 |
| | Weak policy | 20% | 23% | 26% | 24% | 22% | 20% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 6% | 7% | 10% | 11% | |
| | Strong policy: Met IOM (\leq 35% of total calories/weight) | 13% | 11% | 12% | 13% | 12% | 11% | |
| Limits on candy | No policy/provision | 66% | 66% | 69% | 72% | 73% | 72% | .181 |
| | Weak policy | 18% | 16% | 11% | 11% | 11% | 13% | |
| | Strong policy | 8% | 13% | 14% | 12% | 12% | 11% | |
| | Competitive food or location ban | 7% | 5% | 6% | 5% | 4% | 5% | |
| Fat content of foods | No policy/provision | 38% | 38% | 39% | 39% | 40% | 40% | .150 |
| | Weak policy | 25% | 29% | 26% | 27% | 24% | 25% | |
| | Strong policy: Did not meet IOM | 16% | 16% | 18% | 16% | 20% | 21% | |
| | Strong policy: Met IOM (\leq 35% of total calories from fat) | 14% | 12% | 12% | 13% | 11% | 9% | |
| Trans fats in foods | No policy/provision | 69% | 67% | 65% | 66% | 65% | 63% | .071 |
| | Weak policy | 16% | 19% | 20% | 19% | 19% | 17% | |
| | Strong policy: Did not meet IOM | 7% | 5% | 4% | 3% | 3% | 2% | |
| | Strong policy: Met IOM (\leq 0.5g trans fat) | 1% | 3% | 5% | 7% | 8% | 13% | |
| Competitive food or location ban | | 7% | 5% | 6% | 5% | 4% | 5% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff. † |
|--|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sodium content of foods | No policy/provision | 66% | 66% | 67% | 65% | 67% | 65% | .940 |
| | Weak policy | 18% | 20% | 20% | 22% | 19% | 19% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 6% | 7% | 9% | 9% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| Calorie content per individual serving of snack item | Competitive food or location ban | 7% | 5% | 6% | 5% | 4% | 5% | .470 |
| | No policy/provision | 79% | 83% | 81% | 78% | 77% | 73% | |
| | Weak policy | 1% | 2% | 3% | 5% | 4% | 5% | |
| | Strong policy: Did not meet IOM | 6% | 4% | 5% | 5% | 6% | 6% | |
| Sugar content of beverages | Strong policy: Met IOM (≤200 calories/serving) | 6% | 5% | 6% | 7% | 9% | 11% | .982 |
| | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 5% | |
| | No policy/provision | 53% | 52% | 56% | 54% | 53% | 53% | |
| | Weak policy | 34% | 37% | 34 | 34% | 35% | 33% | |
| Calorie content of beverages | Strong policy: Met IOM (added sugars prohibited) | 7% | 6% | 5% | 7% | 8% | 10% | .678 |
| | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 4% | |
| | No policy/provision | 83% | 85% | 87% | 85% | 83% | 82% | |
| | Weak policy | 8% | 8% | 7% | 7% | 9% | 9% | |
| Regular soda | Strong policy | 2% | 2% | 2% | 3% | 4% | 5% | .420 |
| | Competitive food or location ban | 7% | 5% | 5% | 4% | 4% | 4% | |
| | No policy/provision | 43% | 46% | 52% | 52% | 51% | 51% | |
| | Weak policy | 16% | 13% | 8% | 8% | 8% | 8% | |
| SSBs other than soda | Strong policy: Did not meet IOM (bans regular soda only) | 28% | 30% | 30% | 28% | 30% | 27% | .721 |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 6% | 6% | 5% | 7% | 8% | 10% | |
| | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 4% | |
| | No policy/provision | 68% | 69% | 73% | 72% | 71% | 71% | |
| Sugar/calorie content of milk | Weak policy | 19% | 20% | 17% | 17% | 18% | 15% | .906 |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 7% | 6% | 5% | 7% | 8% | 10% | |
| | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 4% | |
| | No policy/provision | 77% | 80% | 81% | 80% | 79% | 76% | |
| Fat content of milk | Weak policy | 4% | 3% | 2% | 3% | 3% | 3% | .505 |
| | Strong policy: Did not meet IOM | 13% | 12% | 11% | 13% | 14% | 15% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 7% | 5% | 5% | 4% | 4% | 4% | |
| Serving size limits for beverages | No policy/provision | 65% | 69% | 72% | 71% | 71% | 69% | .973 |
| | Weak policy | 21% | 19% | 18% | 20% | 20% | 17% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 7% | 7% | 5% | 5% | 6% | 10% | |
| | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 4% | |
| Caffeine content of beverages | No policy/provision | 64% | 63% | 64% | 65% | 67% | 62% | .564 |
| | Weak policy | 23% | 25% | 24% | 24% | 22% | 23% | |
| | Strong policy: Did not meet IOM | 7% | 7% | 6% | 6% | 7% | 8% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Require water for sale | Competitive food or location ban | 7% | 5% | 5% | 5% | 4% | 4% | .496 |
| | No policy/provision | -- | -- | -- | 56% | 54% | 55% | |
| | Weak policy | -- | -- | -- | 33% | 35% | 31% | |
| | Strong policy | -- | -- | -- | 7% | 8% | 10% | |
| A LA CARTE LINES | Competitive food or location ban | -- | -- | -- | 4% | 4% | 4% | .099 |
| | No policy/provision | 46% | 47% | 48% | 48% | 49% | 50% | |
| | Weak policy | 26% | 29% | 33% | 31% | 29% | 25% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 5% | 6% | 8% | 10% | |
| Sugar content of foods | Strong policy: Met IOM (≤35% of total calories/weight) | 15% | 12% | 12% | 13% | 12% | 12% | .099 |
| | Competitive food or location ban | 5% | 3% | 1% | 2% | 2% | 3% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Limits on candy | No policy/provision | 43% | 50% | 49% | 54% | 51% | 48% | .188 |
| | Weak policy | 41% | 31% | 31% | 29% | 33% | 36% | |
| | Strong policy | 11% | 16% | 18% | 15% | 15% | 13% | |
| | Competitive food or location ban | 5% | 3% | 1% | 3% | 2% | 3% | |
| Fat content of foods | No policy/provision | 30% | 32% | 34% | 34% | 34% | 36% | .024* |
| | Weak policy | 31% | 33% | 32% | 31% | 31% | 29% | |
| | Strong policy: Did not meet IOM | 19% | 21% | 20% | 18% | 21% | 22% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 12% | 13% | 14% | 12% | 10% | |
| | Competitive food or location ban | 5% | 3% | 1% | 2% | 2% | 3% | |
| Trans fats in foods | No policy/provision | 65% | 63% | 63% | 62% | 61% | 59% | .046* |
| | Weak policy | 20% | 23% | 25% | 24% | 24% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 8% | 6% | 5% | 4% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 3% | 5% | 7% | 9% | 14% | |
| | Competitive food or location ban | 5% | 3% | 1% | 3% | 2% | 3% | |
| Sodium content of foods | No policy/provision | 66% | 66% | 69% | 66% | 66% | 64% | .967 |
| | Weak policy | 19% | 22% | 22% | 23% | 22% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 7% | 8% | 9% | 10% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 0% | 0% | 1% | 3% | |
| | Competitive food or location ban | 5% | 3% | 1% | 2% | 2% | 3% | |
| Calorie content per individual serving of snack item | No policy/provision | 79% | 83% | 83% | 80% | 79% | 74% | .392 |
| | Weak policy | 2% | 3% | 3% | 5% | 4% | 5% | |
| | Strong policy: Did not meet IOM | 9% | 7% | 6% | 6% | 6% | 7% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 5% | 5% | 6% | 7% | 9% | 12% | |
| | Competitive food or location ban | 5% | 2% | 1% | 2% | 2% | 3% | |
| Sugar content of beverages | No policy/provision | 47% | 47% | 50% | 49% | 48% | 50% | .783 |
| | Weak policy | 40% | 43% | 42% | 41% | 41% | 36% | |
| | Strong policy: Met IOM (added sugars prohibited) | 8% | 7% | 6% | 8% | 9% | 11% | |
| | Competitive food or location ban | 5% | 2% | 2% | 3% | 2% | 3% | |
| Calorie content of beverages | No policy/provision | 82% | 85% | 89% | 86% | 85% | 83% | .520 |
| | Weak policy | 10% | 10% | 8% | 8% | 9% | 10% | |
| | Strong policy | 3% | 3% | 1% | 3% | 4% | 5% | |
| | Competitive food or location ban | 5% | 2% | 1% | 2% | 2% | 3% | |
| | Regular soda | No policy/provision | 27% | 35% | 37% | 37% | 34% | |
| Weak policy | 7% | 8% | 5% | 5% | 6% | 4% | | |
| Strong policy: Did not meet IOM (bans regular soda but not all SSBs) | 53% | 47% | 51% | 47% | 50% | 47% | | |
| Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 7% | 6% | 8% | 9% | 11% | | |
| Competitive food or location ban | 5% | 2% | 2% | 3% | 2% | 3% | | |
| SSBs other than soda | No policy/provision | 63% | 65% | 70% | 67% | 67% | 68% | .586 |
| | Weak policy | 25% | 26% | 22% | 22% | 22% | 19% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 7% | 6% | 8% | 9% | 11% | |
| | Competitive food or location ban | 5% | 2% | 2% | 3% | 2% | 3% | |
| Sugar/calorie content of milk | No policy/provision | 74% | 78% | 80% | 78% | 76% | 73% | .927 |
| | Weak policy | 3% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 17% | 17% | 16% | 17% | 18% | 18% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 5% | 2% | 1% | 2% | 2% | 3% | |
| Fat content of milk | No policy/provision | 62% | 68% | 72% | 69% | 69% | 68% | .709 |
| | Weak policy | 25% | 23% | 19% | 22% | 21% | 18% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 8% | 7% | 8% | 6% | 8% | 12% | |
| | Competitive food or location ban | 5% | 2% | 2% | 3% | 2% | 3% | |
| Serving size limits for beverages | No policy/provision | 59% | 59% | 63% | 62% | 64% | 59% | .924 |
| | Weak policy | 27% | 30% | 28% | 28% | 25% | 26% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 7% | 7% | 8% | 9% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 1% | 0% | 1% | 3% | |
| | Competitive food or location ban | 5% | 2% | 1% | 2% | 2% | 3% | |
| Caffeine content of beverages | No policy/provision | 60% | 63% | 68% | 65% | 63% | 64% | .204 |
| | Weak policy | 15% | 16% | 12% | 13% | 16% | 14% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 20% | 19% | 18% | 19% | 19% | 19% | |
| | Competitive food or location ban | 5% | 2% | 2% | 3% | 2% | 3% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|------------------------------|----------------------------------|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Require water for sale | No policy/provision | -- | -- | -- | 50% | 49% | 52% | .529 |
| | Weak policy | -- | -- | -- | 39% | 40% | 35% | |
| | Strong policy | -- | -- | -- | 8% | 9% | 10% | |
| | Competitive food or location ban | -- | -- | -- | 3% | 2% | 3% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 80% | 84% | 82% | 83% | 84% | 88% | .051 |
| | Weak policy | 19% | 16% | 15% | 15% | 14% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 0% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 1% | 1% | 2% | 2% | 2% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Limits on candy | No policy/provision | 84% | 87% | 89% | 90% | 89% | 89% | .089 |
| | Weak policy | 13% | 12% | 10% | 9% | 10% | 10% | |
| | Strong policy | 2% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 71% | 71% | 73% | 72% | 74% | 76% | .194 |
| | Weak policy | 28% | 28% | 24% | 25% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 1% | 1% | 1% | 2% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Trans fats in foods | No policy/provision | 90% | 89% | 90% | 91% | 91% | 93% | .181 |
| | Weak policy | 9% | 11% | 8% | 7% | 8% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sodium content of foods | No policy/provision | 76% | 75% | 76% | 76% | 78% | 78% | .613 |
| | Weak policy | 24% | 25% | 23% | 23% | 21% | 21% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 1% | 0% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content per individual serving of snack item | No policy/provision | 96% | 97% | 96% | 96% | 96% | 97% | .602 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 0% | 0% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar content of beverages | No policy/provision | 83% | 85% | 91% | 90% | 90% | 91% | .006** |
| | Weak policy | 17% | 14% | 9% | 9% | 10% | 8% | |
| | Strong policy: Met IOM (added sugars prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content of beverages | No policy/provision | 99% | 99% | 99% | 99% | 100% | 99% | .442 |
| | Weak policy | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Regular soda | No policy/provision | 79% | 81% | 84% | 85% | 83% | 86% | .122 |
| | Weak policy | 13% | 10% | 5% | 6% | 7% | 5% | |
| | Strong policy: Did not meet IOM (bans regular soda but not all SSBs) | 8% | 9% | 10% | 9% | 9% | 8% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| SSBs other than soda | No policy/provision | 91% | 93% | 97% | 95% | 96% | 97% | .008** |
| | Weak policy | 8% | 6% | 3% | 4% | 3% | 2% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar/calorie content of milk | No policy/provision | 95% | 96% | 98% | 97% | 96% | 98% | .075 |
| | Weak policy | 5% | 4% | 1% | 3% | 4% | 2% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff. † |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Fat content of milk | No policy/provision | 88% | 90% | 94% | 93% | 93% | 95% | .012* |
| | Weak policy | 12% | 10% | 5% | 6% | 6% | 4% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 0% | 0% | 1% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Serving size limits for beverages | No policy/provision | 90% | 91% | 92% | 92% | 95% | 93% | .262 |
| | Weak policy | 9% | 9% | 7% | 8% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 89% | 91% | 95% | 94% | 94% | 95% | .026* |
| | Weak policy | 10% | 8% | 3% | 5% | 6% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff. † |
|--|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 62% | 62% | 64% | 64% | 62% | 64% | .239 |
| | Weak policy | 14% | 19% | 18% | 17% | 18% | 16% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 5% | 5% | 6% | 7% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 11% | 7% | 8% | 8% | 10% | 9% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Limits on candy | No policy/provision | 74% | 72% | 72% | 75% | 76% | 77% | .436 |
| | Weak policy | 11% | 11% | 8% | 9% | 10% | 9% | |
| | Strong policy | 9% | 12% | 14% | 11% | 11% | 9% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Fat content of foods | No policy/provision | 56% | 56% | 59% | 59% | 58% | 61% | .199 |
| | Weak policy | 13% | 16% | 12% | 14% | 14% | 12% | |
| | Strong policy: Did not meet IOM | 17% | 16% | 17% | 15% | 16% | 16% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 8% | 6% | 6% | 7% | 8% | 6% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Trans fats in foods | No policy/provision | 72% | 70% | 71% | 72% | 72% | 72% | .809 |
| | Weak policy | 15% | 18% | 18% | 18% | 19% | 18% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 3% | 2% | 2% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Sodium content of foods | No policy/provision | 80% | 78% | 81% | 81% | 82% | 80% | .758 |
| | Weak policy | 7% | 9% | 8% | 9% | 7% | 7% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 4% | 5% | 6% | 6% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Calorie content per individual serving of snack item | No policy/provision | 83% | 86% | 84% | 82% | 81% | 79% | .482 |
| | Weak policy | 0% | 1% | 2% | 4% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 5% | 5% | 6% | 6% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 3% | 2% | 3% | 4% | 5% | 6% | |
| Sugar content of beverages | No policy/provision | 63% | 63% | 65% | 65% | 64% | 65% | .725 |
| | Weak policy | 27% | 26% | 23% | 24% | 27% | 24% | |
| | Strong policy: Met IOM (added sugars prohibited) | 5% | 5% | 5% | 6% | 6% | 7% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Calorie content of beverages | No policy/provision | 91% | 91% | 91% | 90% | 89% | 89% | .995 |
| | Weak policy | 4% | 3% | 2% | 3% | 4% | 4% | |
| | Strong policy | 1% | 1% | 1% | 2% | 3% | 3% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Regular soda | No policy/provision | 57% | 59% | 60% | 59% | 58% | 60% | .858 |
| | Weak policy | 13% | 11% | 8% | 9% | 9% | 9% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 19% | 21% | 21% | 20% | 23% | 21% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 5% | 5% | 6% | 6% | 7% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 73% | 74% | 77% | 76% | 76% | 76% | .700 |
| | Weak policy | 16% | 16% | 12% | 12% | 15% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 5% | 5% | 6% | 6% | 7% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Sugar/calorie content of milk | No policy/provision | 81% | 83% | 82% | 83% | 83% | 81% | .948 |
| | Weak policy | 1% | 1% | 0% | 1% | 1% | 2% | |
| | Strong policy: Did not meet IOM | 13% | 12% | 11% | 12% | 12% | 13% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Fat content of milk | No policy/provision | 73% | 75% | 78% | 78% | 77% | 76% | .807 |
| | Weak policy | 18% | 16% | 13% | 15% | 16% | 14% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 4% | 3% | 3% | 3% | 4% | 6% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Serving size limits for beverages | No policy/provision | 72% | 71% | 71% | 73% | 74% | 71% | .925 |
| | Weak policy | 16% | 18% | 18% | 17% | 17% | 17% | |
| | Strong policy: Did not meet IOM | 7% | 6% | 5% | 5% | 5% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |
| Caffeine content of beverages | No policy/provision | 70% | 72% | 75% | 74% | 73% | 74% | .237 |
| | Weak policy | 11% | 13% | 9% | 10% | 11% | 10% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 13% | 11% | 10% | 11% | 12% | 12% | |
| | Competitive food or location ban | 5% | 5% | 6% | 5% | 4% | 4% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.

Significance levels: *p<.05 **p<.01 ***p<.001

Table C-2. Percentage of Public School Districts Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, Elementary School Level, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 39% | 40% | 41% | 43% | 42% | 43% | .373 |
| | Weak policy | 18% | 19% | 19% | 18% | 18% | 16% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 6% | 6% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 12% | 11% | 14% | 16% | 14% | 12% | |
| | Competitive food or location ban | 21% | 21% | 20% | 18% | 17% | 18% | |
| Limits on candy | No policy/provision | 48% | 50% | 58% | 61% | 60% | 60% | .153 |
| | Weak policy | 24% | 21% | 15% | 15% | 16% | 15% | |
| | Strong policy | 7% | 8% | 7% | 6% | 8% | 7% | |
| | Competitive food or location ban | 21% | 21% | 20% | 18% | 17% | 18% | |
| Fat content of foods | No policy/provision | 28% | 26% | 30% | 30% | 29% | 32% | .265 |
| | Weak policy | 25% | 27% | 24% | 26% | 25% | 23% | |
| | Strong policy: Did not meet IOM | 10% | 13% | 11% | 9% | 14% | 15% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 13% | 15% | 18% | 15% | 12% | |
| | Competitive food or location ban | 21% | 21% | 20% | 18% | 17% | 18% | |
| Trans fats in foods | No policy/provision | 60% | 57% | 57% | 59% | 57% | 57% | .482 |
| | Weak policy | 13% | 15% | 14% | 12% | 14% | 12% | |
| | Strong policy: Did not meet IOM | 5% | 4% | 4% | 3% | 3% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 4% | 6% | 8% | 9% | 13% | |
| | Competitive food or location ban | 21% | 21% | 20% | 18% | 17% | 18% | |
| Sodium content of foods | No policy/provision | 51% | 50% | 52% | 52% | 53% | 52% | .573 |
| | Weak policy | 20% | 22% | 21% | 23% | 22% | 21% | |
| | Strong policy: Did not meet IOM | 7% | 7% | 6% | 8% | 8% | 8% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 0% | 1% | 2% | |
| | Competitive food or location ban | 21% | 21% | 20% | 18% | 17% | 18% | |
| Calorie content per individual serving of snack item | No policy/provision | 63% | 63% | 63% | 62% | 61% | 61% | .967 |
| | Weak policy | 1% | 3% | 4% | 6% | 5% | 4% | |
| | Strong policy: Did not meet IOM | 6% | 5% | 3% | 2% | 3% | 3% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 9% | 9% | 11% | 13% | 14% | 15% | |
| | Competitive food or location ban | 21% | 20% | 19% | 17% | 17% | 17% | |
| Sugar content of beverages | No policy/provision | 44% | 41% | 46% | 45% | 41% | 44% | .725 |
| | Weak policy | 21% | 24% | 24% | 26% | 27% | 22% | |
| | Strong policy: Met IOM (added sugars prohibited) | 16% | 16% | 13% | 13% | 16% | 18% | |
| | Competitive food or location ban | 19% | 18% | 18% | 16% | 16% | 15% | |
| Calorie content of beverages | No policy/provision | 71% | 72% | 73% | 72% | 71% | 71% | .569 |
| | Weak policy | 8% | 9% | 9% | 9% | 9% | 9% | |
| | Strong policy | 2% | 2% | 1% | 3% | 4% | 5% | |
| | Competitive food or location ban | 19% | 17% | 17% | 16% | 16% | 15% | |
| Regular soda | No policy/provision | 31% | 34% | 39% | 39% | 35% | 38% | .454 |
| | Weak policy | 13% | 13% | 9% | 10% | 9% | 7% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 21% | 18% | 21% | 23% | 24% | 22% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 15% | 16% | 13% | 13% | 16% | 18% | |
| | Competitive food or location ban | 19% | 18% | 18% | 16% | 16% | 15% | |
| SSBs other than soda | No policy/provision | 50% | 49% | 55% | 53% | 50% | 53% | .563 |
| | Weak policy | 16% | 16% | 15% | 18% | 18% | 13% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 16% | 16% | 13% | 13% | 16% | 18% | |
| | Competitive food or location ban | 19% | 18% | 18% | 16% | 16% | 15% | |
| Sugar/calorie content of milk | No policy/provision | 68% | 71% | 74% | 74% | 71% | 70% | .528 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 10% | 9% | 6% | 7% | 9% | 11% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 19% | 17% | 17% | 16% | 16% | 15% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Fat content of milk | No policy/provision | 53% | 54% | 58% | 57% | 57% | 60% | .467 |
| | Weak policy | 23% | 23% | 20% | 22% | 21% | 17% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 6% | 5% | 4% | 4% | 6% | 9% | |
| | Competitive food or location ban | 19% | 18% | 18% | 16% | 16% | 15% | |
| Serving size limits for beverages | No policy/provision | 60% | 59% | 59% | 60% | 62% | 59% | .693 |
| | Weak policy | 11% | 13% | 14% | 14% | 13% | 14% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 9% | 9% | 9% | 10% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 1% | 1% | 0% | 2% | |
| Caffeine content of beverages | No policy/provision | 19% | 17% | 17% | 16% | 16% | 15% | .692 |
| | Weak policy | 50% | 50% | 53% | 54% | 51% | 53% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 8% | 10% | 7% | 8% | 8% | 5% | |
| | Competitive food or location ban | 23% | 21% | 21% | 22% | 26% | 27% | |
| Require water for sale | No policy/provision | 19% | 18% | 18% | 16% | 16% | 15% | .615 |
| | Weak policy | -- | -- | -- | 46% | 44% | 47% | |
| | Strong policy | -- | -- | -- | 26% | 25% | 21% | |
| | Competitive food or location ban | -- | -- | -- | 12% | 16% | 18% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 46% | 48% | 48% | 49% | 48% | 48% | .209 |
| | Weak policy | 17% | 20% | 19% | 18% | 17% | 17% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 6% | 6% | 11% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 12% | 10% | 13% | 15% | 13% | 12% | |
| | Competitive food or location ban | 18% | 15% | 14% | 13% | 11% | 10% | |
| Limits on candy | No policy/provision | 55% | 58% | 66% | 68% | 69% | 68% | .025* |
| | Weak policy | 21% | 19% | 13% | 13% | 13% | 15% | |
| | Strong policy | 6% | 7% | 7% | 5% | 7% | 7% | |
| | Competitive food or location ban | 18% | 15% | 14% | 13% | 11% | 10% | |
| Fat content of foods | No policy/provision | 36% | 35% | 37% | 37% | 37% | 37% | .178 |
| | Weak policy | 24% | 27% | 23% | 25% | 23% | 24% | |
| | Strong policy: Did not meet IOM | 9% | 11% | 11% | 8% | 15% | 16% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 12% | 15% | 17% | 15% | 13% | |
| | Competitive food or location ban | 18% | 15% | 14% | 13% | 11% | 10% | |
| Trans fats in foods | No policy/provision | 65% | 63% | 64% | 65% | 63% | 62% | .829 |
| | Weak policy | 13% | 15% | 14% | 12% | 14% | 13% | |
| | Strong policy: Did not meet IOM | 3% | 2% | 3% | 3% | 2% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 4% | 5% | 7% | 10% | 13% | |
| | Competitive food or location ban | 18% | 15% | 14% | 13% | 11% | 10% | |
| Sodium content of foods | No policy/provision | 57% | 58% | 59% | 58% | 60% | 59% | .295 |
| | Weak policy | 20% | 22% | 20% | 21% | 20% | 21% | |
| | Strong policy: Did not meet IOM | 5% | 6% | 6% | 7% | 8% | 8% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 18% | 15% | 14% | 13% | 11% | 10% | |
| Calorie content per individual serving of snack item | No policy/provision | 69% | 73% | 71% | 69% | 68% | 67% | .606 |
| | Weak policy | 1% | 2% | 3% | 5% | 4% | 5% | |
| | Strong policy: Did not meet IOM | 4% | 3% | 3% | 2% | 2% | 3% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 9% | 8% | 10% | 12% | 15% | 16% | |
| | Competitive food or location ban | 18% | 14% | 13% | 12% | 11% | 10% | |
| Sugar content of beverages | No policy/provision | 52% | 49% | 53% | 52% | 49% | 50% | .681 |
| | Weak policy | 22% | 26% | 23% | 25% | 27% | 24% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 11% | 10% | 10% | 13% | 16% | |
| | Competitive food or location ban | 17% | 15% | 14% | 12% | 11% | 10% | |
| Calorie content of beverages | No policy/provision | 72% | 74% | 77% | 76% | 74% | 75% | .184 |
| | Weak policy | 9% | 9% | 8% | 9% | 10% | 10% | |
| | Strong policy | 2% | 2% | 2% | 3% | 5% | 5% | |
| | Competitive food or location ban | 17% | 14% | 13% | 12% | 11% | 9% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|-----------------------------------|---|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Regular soda | No policy/provision | 39% | 41% | 49% | 48% | 45% | 46% | .240 |
| | Weak policy | 13% | 13% | 8% | 9% | 10% | 10% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 23% | 20% | 20% | 20% | 21% | 19% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 10% | 10% | 13% | 16% | |
| SSBs other than soda | Competitive food or location ban | 17% | 15% | 14% | 12% | 11% | 10% | .474 |
| | No policy/provision | 57% | 56% | 61% | 60% | 58% | 60% | |
| | Weak policy | 17% | 18% | 16% | 17% | 18% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 10% | 10% | 13% | 16% | |
| Sugar/calorie content of milk | Competitive food or location ban | 17% | 15% | 14% | 12% | 11% | 10% | .234 |
| | No policy/provision | 72% | 76% | 80% | 78% | 76% | 75% | |
| | Weak policy | 4% | 3% | 2% | 3% | 4% | 4% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 5% | 7% | 9% | 10% | |
| Fat content of milk | Strong policy: Met IOM ($\leq 22g$ of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | .196 |
| | Competitive food or location ban | 17% | 14% | 13% | 12% | 11% | 9% | |
| | No policy/provision | 58% | 60% | 64% | 64% | 64% | 65% | |
| | Weak policy | 20% | 20% | 18% | 20% | 20% | 17% | |
| Serving size limits for beverages | Strong policy: Met IOM (1% or non-fat milk only) | 5% | 5% | 4% | 3% | 5% | 8% | .465 |
| | Competitive food or location ban | 17% | 15% | 14% | 12% | 11% | 10% | |
| | No policy/provision | 65% | 64% | 65% | 65% | 67% | 62% | |
| | Weak policy | 13% | 15% | 15% | 16% | 15% | 17% | |
| Caffeine content of beverages | Strong policy: Did not meet IOM | 6% | 6% | 7% | 7% | 7% | 9% | .703 |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 17% | 14% | 13% | 12% | 11% | 9% | |
| | No policy/provision | 57% | 56% | 60% | 60% | 56% | 58% | |
| Require water for sale | Weak policy | 10% | 13% | 8% | 9% | 10% | 8% | .784 |
| | Strong policy: Met IOM (added caffeine prohibited) | 17% | 16% | 18% | 19% | 24% | 25% | |
| | Competitive food or location ban | 17% | 15% | 14% | 12% | 11% | 10% | |
| | No policy/provision | -- | -- | -- | 54% | 52% | 53% | |
| Require water for sale | Weak policy | -- | -- | -- | 24% | 24% | 22% | .784 |
| | Strong policy | -- | -- | -- | 10% | 13% | 15% | |
| | Competitive food or location ban | -- | -- | -- | 12% | 11% | 10% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 40% | 42% | 45% | 45% | 44% | 45% | .066 |
| | Weak policy | 29% | 31% | 32% | 30% | 30% | 27% | |
| | Strong policy: Did not meet IOM | 8% | 9% | 5% | 6% | 9% | 11% | |
| | Strong policy: Met IOM ($\leq 35\%$ of total calories/weight) | 13% | 11% | 13% | 15% | 13% | 12% | |
| Limits on candy | Competitive food or location ban | 10% | 6% | 4% | 4% | 3% | 5% | .015* |
| | No policy/provision | 38% | 44% | 48% | 52% | 49% | 47% | |
| | Weak policy | 38% | 33% | 32% | 28% | 32% | 35% | |
| | Strong policy | 14% | 17% | 17% | 15% | 16% | 14% | |
| Fat content of foods | Competitive food or location ban | 10% | 6% | 4% | 4% | 3% | 5% | .057 |
| | No policy/provision | 27% | 28% | 31% | 30% | 28% | 32% | |
| | Weak policy | 29% | 30% | 29% | 30% | 31% | 28% | |
| | Strong policy: Did not meet IOM | 18% | 23% | 20% | 17% | 22% | 21% | |
| Trans fats in foods | Strong policy: Met IOM ($\leq 35\%$ of total calories from fat) | 15% | 13% | 17% | 19% | 15% | 14% | .527 |
| | Competitive food or location ban | 10% | 6% | 4% | 4% | 3% | 5% | |
| | No policy/provision | 60% | 58% | 61% | 61% | 58% | 58% | |
| | Weak policy | 22% | 25% | 25% | 23% | 25% | 21% | |
| Sodium content of foods | Strong policy: Did not meet IOM | 7% | 6% | 5% | 5% | 4% | 2% | .283 |
| | Strong policy: Met IOM ($\leq 0.5g$ trans fat) | 1% | 4% | 5% | 8% | 10% | 14% | |
| | Competitive food or location ban | 10% | 6% | 4% | 4% | 3% | 5% | |
| | No policy/provision | 62% | 62% | 67% | 65% | 64% | 62% | |
| Sodium content of foods | Weak policy | 20% | 24% | 22% | 23% | 24% | 22% | .283 |
| | Strong policy: Did not meet IOM | 8% | 8% | 7% | 8% | 8% | 9% | |
| | Strong policy: Met IOM ($\leq 200mg$ sodium/portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 10% | 6% | 4% | 4% | 3% | 5% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff. † |
|--|--|---|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Calorie content per individual serving of snack item | No policy/provision | 72% | 78% | 79% | 76% | 75% | 71% | .716 |
| | Weak policy | 2% | 3% | 4% | 5% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 7% | 6% | 4% | 3% | 3% | 3% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 8% | 8% | 10% | 12% | 14% | 16% | |
| Sugar content of beverages | Competitive food or location ban | 10% | 5% | 3% | 4% | 3% | 4% | .568 |
| | No policy/provision | 45% | 44% | 47% | 46% | 44% | 46% | |
| | Weak policy | 33% | 36% | 37% | 37% | 37% | 32% | |
| | Strong policy: Met IOM (added sugars prohibited) | 13% | 14% | 11% | 12% | 14% | 17% | |
| Calorie content of beverages | Competitive food or location ban | 10% | 6% | 5% | 5% | 4% | 5% | .185 |
| | No policy/provision | 77% | 81% | 86% | 83% | 81% | 80% | |
| | Weak policy | 11% | 11% | 10% | 10% | 11% | 11% | |
| | Strong policy | 2% | 2% | 1% | 3% | 4% | 5% | |
| Regular soda | Competitive food or location ban | 10% | 5% | 3% | 4% | 4% | 4% | .167 |
| | No policy/provision | 26% | 32% | 35% | 36% | 31% | 33% | |
| | Weak policy | 9% | 10% | 5% | 5% | 7% | 4% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 44% | 38% | 44% | 41% | 44% | 41% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 12% | 14% | 11% | 12% | 14% | 17% | |
| SSBs other than soda | Competitive food or location ban | 10% | 6% | 5% | 5% | 4% | 5% | .354 |
| | No policy/provision | 50% | 51% | 56% | 54% | 52% | 56% | |
| | Weak policy | 28% | 29% | 28% | 29% | 29% | 23% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 13% | 14% | 11% | 12% | 14% | 17% | |
| Sugar/calorie content of milk | Competitive food or location ban | 10% | 6% | 5% | 6% | 4% | 5% | .266 |
| | No policy/provision | 69% | 74% | 79% | 77% | 74% | 72% | |
| | Weak policy | 3% | 3% | 2% | 3% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 17% | 18% | 16% | 17% | 19% | 18% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Fat content of milk | Competitive food or location ban | 10% | 5% | 3% | 4% | 4% | 4% | .353 |
| | No policy/provision | 60% | 65% | 68% | 67% | 67% | 67% | |
| | Weak policy | 24% | 24% | 20% | 22% | 22% | 18% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 6% | 5% | 7% | 5% | 7% | 11% | |
| Serving size limits for beverages | Competitive food or location ban | 10% | 6% | 5% | 6% | 4% | 5% | .489 |
| | No policy/provision | 60% | 61% | 63% | 62% | 63% | 58% | |
| | Weak policy | 22% | 25% | 26% | 26% | 25% | 26% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 7% | 8% | 8% | 9% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 1% | 1% | 1% | 2% | |
| Caffeine content of beverages | Competitive food or location ban | 10% | 5% | 3% | 4% | 4% | 4% | .467 |
| | No policy/provision | 49% | 51% | 55% | 54% | 51% | 53% | |
| | Weak policy | 11% | 13% | 9% | 9% | 11% | 8% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 30% | 30% | 31% | 31% | 34% | 33% | |
| Require water for sale | Competitive food or location ban | 10% | 6% | 5% | 6% | 4% | 5% | .390 |
| | No policy/provision | -- | -- | -- | 49% | 47% | 49% | |
| | Weak policy | -- | -- | -- | 35% | 35% | 30% | |
| | Strong policy | -- | -- | -- | 11% | 14% | 16% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff. † |
|------------------------------|--|---|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 79% | 83% | 83% | 83% | 83% | 87% | .072 |
| | Weak policy | 20% | 16% | 15% | 14% | 14% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 0% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 1% | 1% | 2% | 2% | 2% | 2% | |
| Limits on candy | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .168 |
| | No policy/provision | 83% | 85% | 88% | 90% | 88% | 88% | |
| | Weak policy | 14% | 14% | 11% | 9% | 11% | 10% | |
| | Strong policy | 2% | 1% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff. † |
|--|--|---|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Fat content of foods | No policy/provision | 71% | 71% | 73% | 72% | 72% | 75% | .427 |
| | Weak policy | 27% | 28% | 25% | 24% | 24% | 23% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 1% | 1% | 1% | 2% | 2% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Trans fats in foods | No policy/provision | 90% | 89% | 91% | 91% | 90% | 92% | .301 |
| | Weak policy | 9% | 11% | 7% | 7% | 8% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sodium content of foods | No policy/provision | 78% | 75% | 76% | 77% | 78% | 77% | .975 |
| | Weak policy | 22% | 25% | 22% | 22% | 21% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 1% | 0% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content per individual serving of snack item | No policy/provision | 94% | 96% | 95% | 95% | 95% | 96% | .571 |
| | Weak policy | 5% | 4% | 3% | 3% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 0% | 0% | 1% | 2% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar content of beverages | No policy/provision | 82% | 85% | 90% | 90% | 89% | 90% | .012* |
| | Weak policy | 17% | 15% | 9% | 10% | 11% | 9% | |
| | Strong policy: Met IOM (added sugars prohibited) | 1% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Calorie content of beverages | No policy/provision | 99% | 99% | 99% | 99% | 99% | 99% | .393 |
| | Weak policy | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Regular soda | No policy/provision | 77% | 79% | 83% | 84% | 82% | 85% | .199 |
| | Weak policy | 14% | 11% | 6% | 6% | 7% | 5% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 9% | 9% | 11% | 10% | 11% | 10% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| SSBs other than soda | No policy/provision | 88% | 91% | 95% | 93% | 93% | 96% | .006** |
| | Weak policy | 11% | 9% | 4% | 6% | 6% | 4% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Sugar/calorie content of milk | No policy/provision | 93% | 95% | 98% | 97% | 96% | 97% | .057 |
| | Weak policy | 6% | 5% | 2% | 3% | 4% | 2% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of milk | No policy/provision | 87% | 89% | 94% | 93% | 93% | 95% | .017* |
| | Weak policy | 12% | 10% | 6% | 6% | 7% | 4% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 0% | 0% | 1% | 1% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Serving size limits for beverages | No policy/provision | 92% | 93% | 93% | 91% | 95% | 93% | .694 |
| | Weak policy | 7% | 7% | 7% | 8% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 87% | 90% | 94% | 93% | 93% | 95% | .017* |
| | Weak policy | 12% | 9% | 4% | 5% | 6% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 1% | 1% | 2% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 59% | 58% | 61% | 62% | 59% | 61% | .425 |
| | Weak policy | 11% | 15% | 12% | 12% | 14% | 13% | |
| | Strong policy: Did not meet IOM | 7% | 7% | 4% | 4% | 5% | 7% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 9% | 6% | 8% | 9% | 11% | 10% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Limits on candy | No policy/provision | 66% | 66% | 70% | 73% | 74% | 77% | .130 |
| | Weak policy | 15% | 14% | 10% | 10% | 10% | 9% | |
| | Strong policy | 5% | 6% | 6% | 5% | 5% | 5% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Fat content of foods | No policy/provision | 56% | 54% | 58% | 58% | 55% | 59% | .440 |
| | Weak policy | 12% | 15% | 10% | 13% | 13% | 11% | |
| | Strong policy: Did not meet IOM | 9% | 12% | 10% | 7% | 10% | 11% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 9% | 6% | 8% | 10% | 11% | 10% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Trans fats in foods | No policy/provision | 70% | 68% | 70% | 73% | 72% | 71% | .560 |
| | Weak policy | 12% | 14% | 12% | 12% | 15% | 14% | |
| | Strong policy: Did not meet IOM | 4% | 3% | 2% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 2% | 2% | 2% | 5% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Sodium content of foods | No policy/provision | 71% | 69% | 72% | 73% | 75% | 74% | .459 |
| | Weak policy | 10% | 12% | 9% | 9% | 8% | 8% | |
| | Strong policy: Did not meet IOM | 6% | 6% | 4% | 5% | 6% | 6% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Calorie content per individual serving of snack item | No policy/provision | 75% | 77% | 76% | 74% | 73% | 72% | .911 |
| | Weak policy | 1% | 1% | 2% | 5% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 5% | 5% | 3% | 2% | 3% | 3% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 5% | 4% | 6% | 7% | 9% | 10% | |
| | Competitive food or location ban | 14% | 14% | 14% | 12% | 11% | 10% | |
| Sugar content of beverages | No policy/provision | 62% | 62% | 65% | 64% | 61% | 63% | .767 |
| | Weak policy | 16% | 15% | 12% | 15% | 18% | 16% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 11% | 9% | 9% | 10% | 11% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |
| Calorie content of beverages | No policy/provision | 83% | 83% | 83% | 83% | 82% | 83% | .613 |
| | Weak policy | 4% | 4% | 3% | 4% | 5% | 5% | |
| | Strong policy | 0% | 0% | 1% | 2% | 3% | 3% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |
| Regular soda | No policy/provision | 57% | 57% | 59% | 59% | 56% | 58% | .788 |
| | Weak policy | 9% | 10% | 7% | 9% | 8% | 7% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 12% | 10% | 10% | 12% | 15% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 9% | 9% | 10% | 11% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |
| SSBs other than soda | No policy/provision | 64% | 64% | 67% | 66% | 63% | 65% | .750 |
| | Weak policy | 14% | 13% | 10% | 13% | 16% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 9% | 9% | 10% | 11% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |
| Sugar/calorie content of milk | No policy/provision | 79% | 80% | 82% | 82% | 81% | 79% | .679 |
| | Weak policy | 1% | 0% | 1% | 1% | 1% | 2% | |
| | Strong policy: Did not meet IOM | 7% | 7% | 5% | 6% | 8% | 8% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |
| Fat content of milk | No policy/provision | 67% | 68% | 71% | 71% | 70% | 70% | .713 |
| | Weak policy | 19% | 17% | 14% | 16% | 16% | 15% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 2% | 2% | 2% | 2% | 3% | 6% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|-----------------------------------|---|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Serving size limits for beverages | No policy/provision | 75% | 73% | 72% | 73% | 73% | 70% | .964 |
| | Weak policy | 6% | 9% | 9% | 9% | 11% | 12% | |
| | Strong policy: Did not meet IOM | 5% | 5% | 5% | 6% | 6% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 2% | |
| Caffeine content of beverages | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | .850 |
| | No policy/provision | 63% | 63% | 66% | 66% | 63% | 65% | |
| | Weak policy | 8% | 9% | 5% | 6% | 6% | 6% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 16% | 15% | 16% | 17% | 20% | 20% | |
| | Competitive food or location ban | 13% | 12% | 13% | 12% | 10% | 9% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.
† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.
Significance levels: *p<.05 **p<.01 ***p<.001

Table C-3. Percentage of Public School Districts Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, Middle School Level, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 44% | 45% | 44% | 45% | 46% | 47% | .092 |
| | Weak policy | 22% | 26% | 30% | 28% | 26% | 25% | |
| | Strong policy: Did not meet IOM | 12% | 11% | 7% | 8% | 11% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 19% | 16% | 17% | 16% | 15% | 13% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Limits on candy | No policy/provision | 62% | 62% | 67% | 70% | 70% | 71% | .125 |
| | Weak policy | 20% | 19% | 11% | 12% | 12% | 13% | |
| | Strong policy | 15% | 17% | 20% | 16% | 16% | 14% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Fat content of foods | No policy/provision | 28% | 28% | 31% | 31% | 32% | 35% | .011* |
| | Weak policy | 27% | 30% | 29% | 29% | 28% | 28% | |
| | Strong policy: Did not meet IOM | 24% | 24% | 23% | 21% | 25% | 26% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 17% | 16% | 14% | 16% | 12% | 10% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Trans fats in foods | No policy/provision | 65% | 62% | 61% | 62% | 61% | 60% | .124 |
| | Weak policy | 18% | 22% | 24% | 23% | 23% | 22% | |
| | Strong policy: Did not meet IOM | 13% | 10% | 7% | 5% | 5% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 4% | 6% | 7% | 9% | 12% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Sodium content of foods | No policy/provision | 66% | 65% | 67% | 64% | 65% | 64% | .938 |
| | Weak policy | 18% | 19% | 21% | 22% | 20% | 21% | |
| | Strong policy: Did not meet IOM | 13% | 13% | 8% | 10% | 12% | 11% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Calorie content per individual serving of snack item | No policy/provision | 76% | 78% | 77% | 75% | 75% | 72% | .500 |
| | Weak policy | 3% | 4% | 5% | 6% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 13% | 9% | 8% | 8% | 8% | 9% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 5% | 6% | 8% | 8% | 9% | 11% | |
| | Competitive food or location ban | 3% | 2% | 2% | 3% | 2% | 2% | |
| Sugar content of beverages | No policy/provision | 42% | 40% | 46% | 46% | 44% | 47% | .693 |
| | Weak policy | 47% | 50% | 47% | 45% | 46% | 41% | |
| | Strong policy: Met IOM (added sugars prohibited) | 8% | 7% | 5% | 8% | 8% | 11% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Calorie content of beverages | No policy/provision | 83% | 82% | 85% | 83% | 81% | 81% | .946 |
| | Weak policy | 11% | 12% | 11% | 11% | 12% | 12% | |
| | Strong policy | 4% | 3% | 2% | 4% | 5% | 6% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Regular soda | No policy/provision | 32% | 35% | 41% | 43% | 42% | 42% | .151 |
| | Weak policy | 14% | 13% | 9% | 10% | 8% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 43% | 42% | 43% | 38% | 40% | 37% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 7% | 5% | 8% | 8% | 11% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| SSBs other than soda | No policy/provision | 65% | 65% | 73% | 70% | 71% | 72% | .482 |
| | Weak policy | 25% | 26% | 21% | 20% | 19% | 15% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 7% | 5% | 8% | 8% | 11% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 74% | 77% | 77% | 79% | 77% | 75% | .794 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 20% | 18% | 18% | 17% | 18% | 18% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|-----------------------------------|---|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Fat content of milk | No policy/provision | 60% | 64% | 70% | 67% | 67% | 67% | .270 |
| | Weak policy | 28% | 26% | 22% | 25% | 24% | 21% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 9% | 9% | 8% | 6% | 7% | 10% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Serving size limits for beverages | No policy/provision | 55% | 54% | 58% | 59% | 62% | 58% | .628 |
| | Weak policy | 30% | 32% | 32% | 30% | 26% | 28% | |
| | Strong policy: Did not meet IOM | 12% | 12% | 8% | 9% | 10% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Caffeine content of beverages | No policy/provision | 61% | 62% | 69% | 66% | 63% | 65% | .212 |
| | Weak policy | 17% | 19% | 17% | 17% | 19% | 17% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 20% | 17% | 12% | 16% | 16% | 17% | |
| | Competitive food or location ban | 2% | 2% | 1% | 2% | 1% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 44% | 44% | 47% | .897 |
| | Weak policy | -- | -- | -- | 46% | 47% | 41% | |
| | Strong policy | -- | -- | -- | 8% | 8% | 11% | |
| | Competitive food or location ban | -- | -- | -- | 2% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|---|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 50% | 51% | 48% | 49% | 49% | 51% | .316 |
| | Weak policy | 21% | 25% | 30% | 27% | 24% | 23% | |
| | Strong policy: Did not meet IOM | 9% | 8% | 7% | 7% | 11% | 13% | |
| | Strong policy: Met IOM (\leq 35% of total calories/weight) | 18% | 16% | 15% | 16% | 14% | 13% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Limits on candy | No policy/provision | 67% | 68% | 70% | 73% | 74% | 74% | .259 |
| | Weak policy | 17% | 15% | 10% | 11% | 10% | 12% | |
| | Strong policy | 14% | 16% | 19% | 15% | 15% | 13% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Fat content of foods | No policy/provision | 35% | 35% | 36% | 37% | 38% | 39% | .112 |
| | Weak policy | 26% | 29% | 28% | 27% | 25% | 26% | |
| | Strong policy: Did not meet IOM | 21% | 20% | 22% | 20% | 25% | 25% | |
| | Strong policy: Met IOM (\leq 35% of total calories from fat) | 16% | 15% | 13% | 15% | 12% | 9% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 70% | 68% | 65% | 66% | 65% | 63% | .016* |
| | Weak policy | 17% | 21% | 24% | 22% | 22% | 20% | |
| | Strong policy: Did not meet IOM | 9% | 6% | 5% | 4% | 4% | 3% | |
| | Strong policy: Met IOM (\leq 0.5g trans fat) | 1% | 4% | 5% | 7% | 9% | 13% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 70% | 70% | 71% | 69% | 70% | 67% | .400 |
| | Weak policy | 17% | 18% | 19% | 20% | 17% | 19% | |
| | Strong policy: Did not meet IOM | 10% | 11% | 7% | 9% | 11% | 11% | |
| | Strong policy: Met IOM (\leq 200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 81% | 86% | 84% | 81% | 79% | 76% | .271 |
| | Weak policy | 2% | 2% | 2% | 5% | 4% | 5% | |
| | Strong policy: Did not meet IOM | 9% | 6% | 7% | 7% | 8% | 8% | |
| | Strong policy: Met IOM (\leq 200 calories/serving) | 5% | 5% | 7% | 7% | 8% | 10% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 50% | 48% | 53% | 51% | 50% | 51% | .565 |
| | Weak policy | 42% | 46% | 43% | 41% | 42% | 38% | |
| | Strong policy: Met IOM (added sugars prohibited) | 7% | 5% | 3% | 7% | 8% | 10% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Calorie content of beverages | No policy/provision | 87% | 88% | 89% | 87% | 85% | 83% | .325 |
| | Weak policy | 10% | 9% | 8% | 9% | 11% | 10% | |
| | Strong policy | 2% | 2% | 2% | 4% | 4% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|-----------------------------------|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Regular soda | No policy/provision | 40% | 43% | 49% | 49% | 48% | 49% | .308 |
| | Weak policy | 13% | 12% | 8% | 8% | 7% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 39% | 39% | 39% | 35% | 37% | 32% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 6% | 5% | 3% | 7% | 8% | 10% | |
| SSBs other than soda | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .826 |
| | No policy/provision | 71% | 71% | 77% | 75% | 74% | 75% | |
| | Weak policy | 21% | 23% | 19% | 18% | 18% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 7% | 5% | 3% | 7% | 8% | 10% | |
| Sugar/calorie content of milk | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .770 |
| | No policy/provision | 78% | 81% | 81% | 81% | 80% | 77% | |
| | Weak policy | 3% | 3% | 2% | 2% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 17% | 16% | 16% | 16% | 17% | 17% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| Fat content of milk | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .688 |
| | No policy/provision | 67% | 71% | 74% | 72% | 72% | 71% | |
| | Weak policy | 23% | 21% | 19% | 22% | 21% | 18% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 9% | 8% | 6% | 6% | 7% | 10% | |
| Serving size limits for beverages | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .548 |
| | No policy/provision | 61% | 60% | 63% | 64% | 66% | 60% | |
| | Weak policy | 27% | 29% | 29% | 27% | 24% | 26% | |
| | Strong policy: Did not meet IOM | 10% | 9% | 7% | 8% | 9% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .757 |
| | No policy/provision | 67% | 69% | 74% | 71% | 67% | 68% | |
| | Weak policy | 16% | 18% | 16% | 15% | 18% | 16% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 16% | 13% | 10% | 14% | 15% | 16% | |
| Require water for sale | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | .317 |
| | No policy/provision | -- | -- | -- | 52% | 50% | 53% | |
| | Weak policy | -- | -- | -- | 41% | 42% | 37% | |
| | Strong policy | -- | -- | -- | 7% | 8% | 9% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|------------------------------|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 44% | 44% | 45% | 45% | 46% | 48% | .077 |
| | Weak policy | 24% | 28% | 34% | 31% | 29% | 25% | |
| | Strong policy: Did not meet IOM | 9% | 10% | 6% | 6% | 9% | 11% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 20% | 17% | 15% | 16% | 15% | 13% | |
| | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | |
| Limits on candy | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | .441 |
| | No policy/provision | 45% | 49% | 48% | 53% | 50% | 48% | |
| | Weak policy | 38% | 33% | 33% | 30% | 33% | 36% | |
| | Strong policy | 13% | 17% | 19% | 15% | 15% | 13% | |
| Fat content of foods | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | .010* |
| | No policy/provision | 27% | 29% | 31% | 32% | 32% | 35% | |
| | Weak policy | 31% | 33% | 33% | 32% | 32% | 29% | |
| | Strong policy: Did not meet IOM | 22% | 22% | 21% | 19% | 23% | 24% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 17% | 15% | 14% | 15% | 12% | 9% | |
| Trans fats in foods | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | .085 |
| | No policy/provision | 65% | 62% | 63% | 62% | 61% | 60% | |
| | Weak policy | 18% | 23% | 25% | 24% | 24% | 21% | |
| | Strong policy: Did not meet IOM | 13% | 10% | 6% | 6% | 5% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 4% | 5% | 7% | 9% | 14% | |
| Sodium content of foods | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | .780 |
| | No policy/provision | 66% | 65% | 69% | 66% | 65% | 63% | |
| | Weak policy | 18% | 20% | 22% | 23% | 21% | 21% | |
| | Strong policy: Did not meet IOM | 13% | 14% | 8% | 10% | 11% | 11% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 0% | 1% | 2% | |

| | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Calorie content per individual serving of snack item | No policy/provision | 78% | 82% | 83% | 80% | 79% | 74% | .380 |
| | Weak policy | 1% | 3% | 3% | 5% | 4% | 4% | |
| | Strong policy: Did not meet IOM | 13% | 10% | 8% | 8% | 8% | 8% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 4% | 5% | 6% | 6% | 8% | 11% | |
| Sugar content of beverages | Competitive food or location ban | 3% | 1% | 0% | 2% | 1% | 2% | .915 |
| | No policy/provision | 44% | 43% | 48% | 46% | 45% | 49% | |
| | Weak policy | 46% | 49% | 48% | 46% | 45% | 39% | |
| | Strong policy: Met IOM (added sugars prohibited) | 7% | 6% | 4% | 7% | 8% | 10% | |
| Calorie content of beverages | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .874 |
| | No policy/provision | 81% | 83% | 87% | 85% | 83% | 81% | |
| | Weak policy | 12% | 12% | 11% | 10% | 11% | 12% | |
| | Strong policy | 3% | 4% | 2% | 4% | 4% | 5% | |
| Regular soda | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .180 |
| | No policy/provision | 25% | 31% | 34% | 35% | 31% | 34% | |
| | Weak policy | 6% | 7% | 5% | 4% | 5% | 3% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 59% | 55% | 57% | 52% | 55% | 51% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 7% | 6% | 4% | 7% | 8% | 10% | |
| SSBs other than soda | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .751 |
| | No policy/provision | 65% | 66% | 75% | 72% | 71% | 72% | |
| | Weak policy | 24% | 26% | 21% | 19% | 19% | 15% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 7% | 6% | 4% | 7% | 8% | 10% | |
| Sugar/calorie content of milk | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .959 |
| | No policy/provision | 74% | 77% | 80% | 78% | 77% | 74% | |
| | Weak policy | 3% | 3% | 2% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 19% | 19% | 17% | 17% | 17% | 18% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Fat content of milk | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .537 |
| | No policy/provision | 60% | 65% | 71% | 68% | 69% | 68% | |
| | Weak policy | 28% | 25% | 21% | 24% | 23% | 19% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 9% | 8% | 8% | 7% | 7% | 11% | |
| Serving size limits for beverages | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .889 |
| | No policy/provision | 56% | 55% | 62% | 61% | 63% | 58% | |
| | Weak policy | 29% | 31% | 30% | 28% | 25% | 26% | |
| | Strong policy: Did not meet IOM | 12% | 12% | 8% | 9% | 10% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 3% | |
| Caffeine content of beverages | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .271 |
| | No policy/provision | 60% | 63% | 72% | 67% | 64% | 66% | |
| | Weak policy | 18% | 19% | 16% | 16% | 19% | 16% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 19% | 17% | 12% | 16% | 16% | 16% | |
| Require water for sale | Competitive food or location ban | 3% | 1% | 0% | 1% | 1% | 2% | .657 |
| | No policy/provision | -- | -- | -- | 46% | 46% | 50% | |
| | Weak policy | -- | -- | -- | 45% | 45% | 39% | |
| | Strong policy | -- | -- | -- | 7% | 8% | 10% | |

| | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff.† |
|------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 79% | 83% | 82% | 82% | 84% | 88% | .022* |
| | Weak policy | 19% | 17% | 15% | 16% | 14% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 0% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 1% | 1% | 2% | 2% | 1% | 1% | |
| Limits on candy | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .314 |
| | No policy/provision | 86% | 86% | 89% | 89% | 88% | 89% | |
| | Weak policy | 13% | 13% | 10% | 10% | 11% | 10% | |
| | Strong policy | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff. † |
|--|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Fat content of foods | No policy/provision | 70% | 71% | 73% | 72% | 74% | 76% | .124 |
| | Weak policy | 28% | 28% | 24% | 25% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 1% | 1% | 2% | 2% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Trans fats in foods | No policy/provision | 90% | 89% | 90% | 91% | 91% | 94% | .105 |
| | Weak policy | 9% | 11% | 7% | 7% | 8% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 0% | 0% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sodium content of foods | No policy/provision | 76% | 75% | 77% | 76% | 78% | 78% | .629 |
| | Weak policy | 23% | 25% | 22% | 23% | 21% | 21% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content per individual serving of snack item | No policy/provision | 95% | 96% | 95% | 96% | 96% | 97% | .229 |
| | Weak policy | 5% | 4% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar content of beverages | No policy/provision | 82% | 84% | 90% | 90% | 90% | 91% | .003** |
| | Weak policy | 17% | 16% | 9% | 9% | 10% | 8% | |
| | Strong policy: Met IOM (added sugars prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 99% | 99% | 99% | 99% | 100% | 99% | |
| Weak policy | 1% | 1% | 1% | 1% | 0% | 1% | | |
| Strong policy | 0% | 0% | 0% | 0% | 0% | 0% | | |
| Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | | |
| Regular soda | No policy/provision | 78% | 79% | 83% | 84% | 83% | 86% | .123 |
| | Weak policy | 14% | 11% | 5% | 6% | 7% | 5% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 7% | 10% | 11% | 9% | 10% | 8% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| SSBs other than soda | No policy/provision | 93% | 94% | 98% | 96% | 98% | 97% | .021* |
| | Weak policy | 7% | 6% | 2% | 3% | 2% | 2% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Sugar/calorie content of milk | No policy/provision | 94% | 95% | 98% | 96% | 96% | |
| Weak policy | | 6% | 5% | 2% | 3% | 4% | 2% | |
| Strong policy: Did not meet IOM | | 0% | 0% | 0% | 0% | 0% | 0% | |
| Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | | 0% | 0% | 0% | 0% | 0% | 0% | |
| Competitive food or location ban | | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of milk | No policy/provision | 87% | 89% | 94% | 93% | 94% | 95% | .008** |
| | Weak policy | 12% | 11% | 6% | 6% | 6% | 4% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 0% | 0% | 1% | 1% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Serving size limits for beverages | No policy/provision | 89% | 90% | 93% | 92% | 95% | |
| Weak policy | | 10% | 10% | 7% | 8% | 4% | 7% | |
| Strong policy: Did not meet IOM | | 0% | 0% | 1% | 0% | 0% | 0% | |
| Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | | 0% | 0% | 0% | 0% | 0% | 0% | |
| Competitive food or location ban | | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 87% | 90% | 95% | 94% | 93% | 95% | .016* |
| | Weak policy | 12% | 9% | 3% | 5% | 6% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff. † |
|--|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 61% | 60% | 63% | 63% | 60% | 64% | .312 |
| | Weak policy | 15% | 21% | 22% | 20% | 21% | 17% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 5% | 6% | 6% | 7% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 14% | 10% | 9% | 10% | 12% | 10% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Limits on candy | No policy/provision | 75% | 73% | 73% | 75% | 76% | 78% | .777 |
| | Weak policy | 10% | 11% | 7% | 9% | 9% | 9% | |
| | Strong policy | 14% | 15% | 18% | 15% | 14% | 12% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Fat content of foods | No policy/provision | 55% | 54% | 57% | 58% | 56% | 60% | .211 |
| | Weak policy | 13% | 17% | 14% | 14% | 15% | 13% | |
| | Strong policy: Did not meet IOM | 22% | 21% | 21% | 20% | 20% | 19% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 9% | 7% | 6% | 7% | 8% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 72% | 70% | 71% | 73% | 72% | 71% | .708 |
| | Weak policy | 16% | 20% | 22% | 21% | 22% | 21% | |
| | Strong policy: Did not meet IOM | 11% | 8% | 4% | 3% | 3% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 2% | 2% | 2% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 84% | 82% | 85% | 84% | 84% | 82% | .358 |
| | Weak policy | 6% | 7% | 7% | 8% | 6% | 7% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 5% | 6% | 8% | 8% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 87% | 89% | 88% | 86% | 84% | 81% | .162 |
| | Weak policy | 0% | 1% | 2% | 3% | 4% | 5% | |
| | Strong policy: Did not meet IOM | 12% | 8% | 7% | 7% | 8% | 8% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 1% | 2% | 2% | 3% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 61% | 60% | 64% | 63% | 62% | 64% | .867 |
| | Weak policy | 34% | 35% | 31% | 30% | 32% | 29% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 4% | 4% | 6% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Calorie content of beverages | 94% | 93% | 94% | 93% | 91% | 91% | |
| Weak policy | 4% | 4% | 3% | 3% | 5% | 5% | | |
| Strong policy | 1% | 1% | 1% | 3% | 3% | 3% | | |
| Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | | |
| Regular soda | No policy/provision | 55% | 55% | 59% | 57% | 56% | 59% | .737 |
| | Weak policy | 10% | 11% | 8% | 10% | 8% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 30% | 29% | 29% | 26% | 30% | 26% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 4% | 6% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| SSBs other than soda | No policy/provision | 77% | 76% | 81% | 80% | 80% | 79% | .752 |
| | Weak policy | 19% | 20% | 14% | 13% | 15% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 4% | 6% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 81% | 83% | 83% | 84% | 84% | 81% | .883 |
| | Weak policy | 1% | 0% | 0% | 0% | 0% | 1% | |
| | Strong policy: Did not meet IOM | 17% | 16% | 16% | 15% | 15% | 15% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Fat content of milk | No policy/provision | 74% | 76% | 81% | 79% | 78% | 77% | .971 |
| | Weak policy | 20% | 19% | 14% | 16% | 17% | 15% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 5% | 4% | 4% | 4% | 4% | 7% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Serving size limits for beverages | No policy/provision | 68% | 67% | 70% | 72% | 72% | 69% | .882 |
| | Weak policy | 21% | 23% | 23% | 21% | 19% | 20% | |
| | Strong policy: Did not meet IOM | 10% | 9% | 5% | 6% | 7% | 7% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – MIDDLE | | | | | | Sig. Diff. † |
|-------------------------------|--|---|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Caffeine content of beverages | No policy/provision | 71% | 72% | 78% | 76% | 74% | 76% | .396 |
| | Weak policy | 15% | 15% | 12% | 12% | 14% | 12% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 13% | 12% | 8% | 11% | 12% | 11% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.

Significance levels: *p<.05 **p<.01 ***p<.001

Table C-4. Percentage of Public School Districts Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, High School Level, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 52% | 52% | 50% | 50% | 52% | 52% | .523 |
| | Weak policy | 24% | 29% | 32% | 30% | 28% | 26% | |
| | Strong policy: Did not meet IOM | 11% | 9% | 8% | 9% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 11% | 9% | 9% | 9% | 10% | 10% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Limits on candy | No policy/provision | 73% | 65% | 67% | 70% | 72% | 72% | .478 |
| | Weak policy | 19% | 16% | 11% | 11% | 11% | 12% | |
| | Strong policy | 6% | 18% | 20% | 17% | 16% | 15% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Fat content of foods | No policy/provision | 33% | 34% | 36% | 34% | 37% | 39% | .054 |
| | Weak policy | 31% | 34% | 31% | 33% | 31% | 29% | |
| | Strong policy: Did not meet IOM | 21% | 20% | 23% | 22% | 23% | 24% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 13% | 10% | 8% | 9% | 9% | 7% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 67% | 64% | 62% | 62% | 61% | 59% | .012* |
| | Weak policy | 20% | 24% | 26% | 25% | 25% | 23% | |
| | Strong policy: Did not meet IOM | 11% | 8% | 6% | 5% | 4% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 2% | 5% | 6% | 8% | 14% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 68% | 69% | 68% | 65% | 67% | 68% | .979 |
| | Weak policy | 19% | 20% | 23% | 25% | 23% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 9% | 6% | 7% | 8% | 7% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 2% | 1% | 1% | 3% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 84% | 86% | 83% | 81% | 80% | 75% | .023* |
| | Weak policy | 4% | 5% | 5% | 6% | 6% | 7% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 7% | 7% | 8% | 9% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 2% | 1% | 4% | 4% | 6% | 9% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 47% | 48% | 53% | 52% | 49% | 51% | .582 |
| | Weak policy | 47% | 47% | 42% | 42% | 46% | 43% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 4% | 4% | 5% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Calorie content of beverages | No policy/provision | 87% | 90% | 92% | 90% | 88% | 87% | .909 |
| | Weak policy | 8% | 6% | 6% | 5% | 7% | 6% | |
| | Strong policy | 3% | 2% | 2% | 3% | 4% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Regular soda | No policy/provision | 39% | 44% | 48% | 48% | 49% | 48% | .939 |
| | Weak policy | 29% | 15% | 12% | 11% | 9% | 10% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 27% | 36% | 35% | 34% | 37% | 35% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 3% | 4% | 5% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| SSBs other than soda | No policy/provision | 72% | 73% | 77% | 74% | 75% | 75% | .743 |
| | Weak policy | 22% | 23% | 18% | 20% | 19% | 19% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 3% | 4% | 5% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 79% | 79% | 78% | 78% | 77% | 74% | .284 |
| | Weak policy | 4% | 4% | 4% | 4% | 4% | 4% | |
| | Strong policy: Did not meet IOM | 15% | 15% | 18% | 17% | 18% | 19% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Fat content of milk | No policy/provision | 64% | 68% | 73% | 70% | 70% | 68% | .841 |
| | Weak policy | 25% | 22% | 19% | 22% | 21% | 19% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 10% | 9% | 8% | 7% | 8% | 13% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Serving size limits for beverages | No policy/provision | 55% | 56% | 60% | 60% | 64% | 59% | .906 |
| | Weak policy | 37% | 36% | 34% | 34% | 30% | 31% | |
| | Strong policy: Did not meet IOM | 6% | 6% | 5% | 4% | 4% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 1% | 0% | 0% | 1% | 3% | |
| Caffeine content of beverages | No policy/provision | 70% | 71% | 75% | 73% | 72% | 73% | .221 |
| | Weak policy | 17% | 19% | 16% | 17% | 19% | 19% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 11% | 9% | 8% | 8% | 9% | 8% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 1% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 49% | 48% | 50% | .711 |
| | Weak policy | -- | -- | -- | 45% | 47% | 44% | |
| | Strong policy | -- | -- | -- | 5% | 5% | 5% | |
| | Competitive food or location ban | -- | -- | -- | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 56% | 56% | 54% | 55% | 55% | 56% | .953 |
| | Weak policy | 22% | 28% | 31% | 29% | 26% | 24% | |
| | Strong policy: Did not meet IOM | 10% | 7% | 7% | 8% | 9% | 10% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 9% | 8% | 8% | 8% | 9% | 9% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Limits on candy | No policy/provision | 76% | 68% | 70% | 73% | 75% | 74% | .171 |
| | Weak policy | 17% | 14% | 11% | 11% | 10% | 11% | |
| | Strong policy | 5% | 17% | 19% | 16% | 15% | 14% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Fat content of foods | No policy/provision | 40% | 40% | 41% | 40% | 43% | 43% | .295 |
| | Weak policy | 27% | 31% | 29% | 31% | 27% | 27% | |
| | Strong policy: Did not meet IOM | 19% | 19% | 22% | 21% | 23% | 23% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 11% | 9% | 6% | 8% | 7% | 6% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Trans fats in foods | No policy/provision | 70% | 68% | 65% | 66% | 64% | 62% | .005** |
| | Weak policy | 19% | 23% | 26% | 24% | 24% | 21% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 5% | 4% | 4% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 2% | 4% | 6% | 8% | 13% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Sodium content of foods | No policy/provision | 72% | 72% | 72% | 69% | 71% | 69% | .476 |
| | Weak policy | 16% | 19% | 21% | 24% | 20% | 19% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 5% | 6% | 7% | 7% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 2% | 1% | 1% | 3% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Calorie content per individual serving of snack item | No policy/provision | 88% | 91% | 88% | 85% | 83% | 77% | .009** |
| | Weak policy | 2% | 3% | 3% | 5% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 7% | 5% | 6% | 6% | 7% | 8% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 2% | 1% | 3% | 3% | 5% | 7% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 0% | 2% | |
| Sugar content of beverages | No policy/provision | 55% | 54% | 59% | 58% | 55% | 55% | .504 |
| | Weak policy | 40% | 43% | 37% | 38% | 41% | 38% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 3% | 3% | 4% | 4% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Calorie content of beverages | No policy/provision | 91% | 93% | 94% | 93% | 90% | 87% | .097 |
| | Weak policy | 5% | 4% | 3% | 4% | 6% | 6% | |
| | Strong policy | 2% | 2% | 2% | 3% | 5% | 6% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Regular soda | No policy/provision | 48% | 50% | 55% | 55% | 55% | 55% | .518 |
| | Weak policy | 25% | 13% | 9% | 9% | 7% | 7% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 23% | 33% | 33% | 31% | 34% | 31% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 3% | 3% | 4% | 4% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 76% | 75% | 80% | 79% | 78% | 77% | .604 |
| | Weak policy | 19% | 22% | 16% | 17% | 18% | 16% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 3% | 3% | 4% | 4% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 80% | 81% | 81% | 80% | 78% | 74% | .130 |
| | Weak policy | 4% | 4% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 15% | 15% | 16% | 16% | 17% | 19% | |
| | Strong policy: Met IOM (\leq 22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Fat content of milk | No policy/provision | 70% | 73% | 77% | 76% | 75% | 72% | .702 |
| | Weak policy | 20% | 19% | 16% | 18% | 18% | 15% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 9% | 8% | 6% | 6% | 7% | 12% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Serving size limits for beverages | No policy/provision | 60% | 60% | 64% | 65% | 67% | 61% | .402 |
| | Weak policy | 33% | 33% | 30% | 31% | 28% | 28% | |
| | Strong policy: Did not meet IOM | 6% | 6% | 4% | 3% | 4% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 1% | 0% | 0% | 1% | 3% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Caffeine content of beverages | No policy/provision | 74% | 74% | 79% | 78% | 75% | 76% | .553 |
| | Weak policy | 16% | 18% | 14% | 15% | 18% | 15% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 10% | 8% | 6% | 7% | 7% | 7% | |
| | Competitive food or location ban | 1% | 1% | 1% | 0% | 0% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 58% | 55% | 56% | .267 |
| | Weak policy | -- | -- | -- | 38% | 42% | 37% | |
| | Strong policy | -- | -- | -- | 4% | 4% | 5% | |
| | Competitive food or location ban | -- | -- | -- | 0% | 0% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff.† |
|--|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 51% | 52% | 52% | 50% | 52% | 52% | .568 |
| | Weak policy | 26% | 31% | 35% | 34% | 31% | 28% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 5% | 6% | 7% | 8% | |
| | Strong policy: Met IOM (\leq 35% of total calories/weight) | 11% | 9% | 8% | 8% | 9% | 10% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |
| Limits on candy | No policy/provision | 45% | 53% | 50% | 54% | 52% | 48% | .581 |
| | Weak policy | 47% | 30% | 32% | 29% | 32% | 36% | |
| | Strong policy | 5% | 17% | 19% | 16% | 15% | 13% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |
| Fat content of foods | No policy/provision | 32% | 36% | 37% | 36% | 37% | 38% | .096 |
| | Weak policy | 34% | 35% | 35% | 35% | 34% | 32% | |
| | Strong policy: Did not meet IOM | 18% | 19% | 21% | 19% | 20% | 21% | |
| | Strong policy: Met IOM (\leq 35% of total calories from fat) | 13% | 10% | 7% | 9% | 7% | 7% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |
| Trans fats in foods | No policy/provision | 67% | 65% | 63% | 61% | 60% | 58% | .006** |
| | Weak policy | 20% | 24% | 27% | 26% | 25% | 23% | |
| | Strong policy: Did not meet IOM | 11% | 8% | 5% | 5% | 4% | 2% | |
| | Strong policy: Met IOM (\leq 0.5g trans fat) | 0% | 2% | 4% | 6% | 8% | 15% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |
| Sodium content of foods | No policy/provision | 70% | 70% | 70% | 66% | 67% | 65% | .370 |
| | Weak policy | 17% | 21% | 23% | 25% | 23% | 22% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 6% | 7% | 8% | 8% | |
| | Strong policy: Met IOM (\leq 200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 4% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |
| Calorie content per individual serving of snack item | No policy/provision | 86% | 89% | 88% | 83% | 82% | 76% | .016* |
| | Weak policy | 2% | 4% | 3% | 5% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 9% | 6% | 7% | 7% | 8% | 8% | |
| | Strong policy: Met IOM (\leq 200 calories/serving) | 1% | 1% | 3% | 3% | 5% | 9% | |
| | Competitive food or location ban | 3% | 0% | 0% | 2% | 1% | 2% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff. † |
|-----------------------------------|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sugar content of beverages | No policy/provision | 50% | 51% | 54% | 52% | 51% | 52% | .838 |
| | Weak policy | 44% | 47% | 42% | 42% | 44% | 40% | |
| | Strong policy: Met IOM (added sugars prohibited) | 3% | 2% | 3% | 4% | 4% | 6% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Calorie content of beverages | No policy/provision | 88% | 91% | 93% | 90% | 89% | 87% | .721 |
| | Weak policy | 7% | 6% | 5% | 5% | 6% | 6% | |
| | Strong policy | 3% | 2% | 1% | 3% | 4% | 6% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Regular soda | No policy/provision | 30% | 38% | 38% | 38% | 35% | 35% | .503 |
| | Weak policy | 7% | 8% | 5% | 6% | 5% | 4% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 58% | 52% | 54% | 51% | 54% | 53% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 3% | 2% | 3% | 4% | 4% | 6% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| SSBs other than soda | No policy/provision | 72% | 73% | 79% | 76% | 75% | 74% | .895 |
| | Weak policy | 23% | 24% | 17% | 19% | 19% | 18% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 3% | 2% | 3% | 4% | 4% | 6% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Sugar/calorie content of milk | No policy/provision | 79% | 80% | 80% | 78% | 76% | 73% | .217 |
| | Weak policy | 4% | 4% | 3% | 4% | 4% | 4% | |
| | Strong policy: Did not meet IOM | 15% | 15% | 17% | 17% | 18% | 19% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 1% | 3% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Fat content of milk | No policy/provision | 65% | 70% | 74% | 71% | 71% | 69% | .933 |
| | Weak policy | 23% | 22% | 18% | 20% | 19% | 16% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 10% | 8% | 8% | 7% | 8% | 14% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Serving size limits for beverages | No policy/provision | 57% | 57% | 63% | 61% | 65% | 60% | .736 |
| | Weak policy | 35% | 36% | 31% | 32% | 28% | 29% | |
| | Strong policy: Did not meet IOM | 6% | 6% | 5% | 4% | 4% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 1% | 0% | 0% | 1% | 3% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 69% | 71% | 77% | 74% | 72% | 73% | .211 |
| | Weak policy | 17% | 19% | 15% | 16% | 18% | 17% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 12% | 10% | 8% | 9% | 8% | 8% | |
| | Competitive food or location ban | 2% | 0% | 0% | 2% | 1% | 2% | |
| Require water for sale | No policy/provision | -- | -- | -- | 52% | 51% | 53% | .720 |
| | Weak policy | -- | -- | -- | 42% | 44% | 40% | |
| | Strong policy | -- | -- | -- | 4% | 4% | 6% | |
| | Competitive food or location ban | -- | -- | -- | 2% | 1% | 2% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff. † |
|----------------------------------|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 80% | 83% | 82% | 82% | 82% | 87% | .162 |
| | Weak policy | 19% | 16% | 16% | 16% | 16% | 12% | |
| | Strong policy: Did not meet IOM | 1% | 0% | 0% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 1% | 1% | 2% | 1% | 1% | 1% | |
| Limits on candy | No policy/provision | 85% | 87% | 89% | 90% | 89% | 89% | .183 |
| | Weak policy | 13% | 13% | 10% | 9% | 10% | 9% | |
| | Strong policy | 2% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 71% | 72% | 73% | 71% | 73% | 76% | .409 |
| | Weak policy | 27% | 27% | 24% | 26% | 25% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 2% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 1% | 1% | 1% | 1% | 1% | 1% | |
| Competitive food or location ban | | 0% | 0% | 0% | 0% | 0% | 0% | |

| | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – HIGH | | | | | | |
|--|--|---|---------|---------|---------|---------|---------|--------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Trans fats in foods | No policy/provision | 89% | 89% | 90% | 91% | 90% | 93% | .410 |
| | Weak policy | 11% | 11% | 8% | 8% | 9% | 7% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 0% | 0% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 1% | 1% | 0% | |
| Sodium content of foods | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .689 |
| | No policy/provision | 75% | 75% | 75% | 74% | 76% | 78% | |
| | Weak policy | 25% | 25% | 23% | 25% | 22% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 1% | 0% | |
| Calorie content per individual serving of snack item | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 0% | 0% | .143 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 98% | 97% | 96% | 96% | 96% | 97% | |
| | Weak policy | 2% | 3% | 3% | 3% | 3% | 3% | |
| Sugar content of beverages | Strong policy: Met IOM (≤200 calories/serving) | 0% | 0% | 1% | 1% | 1% | 0% | .033* |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 82% | 85% | 90% | 90% | 89% | 90% | |
| | Weak policy | 17% | 15% | 9% | 10% | 11% | 9% | |
| Calorie content of beverages | Strong policy: Met IOM (added sugars prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | .569 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 99% | 99% | 99% | 100% | 99% | 99% | |
| | Weak policy | 1% | 1% | 1% | 0% | 0% | 1% | |
| Regular soda | Strong policy | 0% | 0% | 0% | 0% | 0% | 0% | .303 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 80% | 81% | 85% | 86% | 83% | 86% | |
| | Weak policy | 12% | 10% | 5% | 5% | 7% | 5% | |
| SSBs other than soda | Strong policy: Did not meet IOM (bans regular soda only) | 8% | 9% | 10% | 9% | 9% | 8% | .153 |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 94% | 95% | 98% | 97% | 97% | 97% | |
| Sugar/calorie content of milk | Weak policy | 6% | 5% | 2% | 3% | 2% | 2% | .790 |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 96% | 97% | 99% | 97% | 96% | 97% | |
| Fat content of milk | Weak policy | 4% | 3% | 1% | 3% | 4% | 2% | .069 |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Serving size limits for beverages | No policy/provision | 88% | 90% | 94% | 94% | 93% | 95% | .062 |
| | Weak policy | 11% | 9% | 5% | 6% | 7% | 5% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 0% | 0% | 1% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 87% | 89% | 92% | 91% | 95% | 94% | .359 |
| | Weak policy | 13% | 11% | 7% | 9% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 0% | 0% | 0% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .359 |
| | No policy/provision | 91% | 92% | 96% | 95% | 94% | 95% | |
| | Weak policy | 9% | 7% | 3% | 4% | 6% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 0% | 1% | 1% | 1% | 1% | 1% | |
| Caffeine content of beverages | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .359 |

| | | Percentage of Public School <i>Districts</i> Nationwide with Each Provision by School Year – HIGH | | | | | | |
|------------------------------|--|---|---------|---------|---------|---------|---------|--------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 66% | 64% | 64% | 65% | 64% | 66% | .698 |
| | Weak policy | 17% | 21% | 23% | 21% | 22% | 19% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 5% | 6% | 7% | 8% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 9% | 7% | 6% | 6% | 6% | 6% | |
| Sugar content of foods | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | .698 |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Districts Nationwide with Each Provision by School Year – HIGH | | | | | | Sig. Diff. † |
|--|--|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Limits on candy | No policy/provision | 83% | 74% | 72% | 75% | 76% | 78% | .047* |
| | Weak policy | 10% | 9% | 8% | 9% | 10% | 9% | |
| | Strong policy | 6% | 15% | 17% | 15% | 13% | 12% | |
| | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | |
| Fat content of foods | No policy/provision | 57% | 58% | 59% | 59% | 59% | 61% | .358 |
| | Weak policy | 16% | 17% | 14% | 15% | 16% | 14% | |
| | Strong policy: Did not meet IOM | 19% | 18% | 22% | 20% | 21% | 21% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 7% | 5% | 3% | 4% | 3% | 3% | |
| | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 73% | 70% | 70% | 70% | 71% | 70% | .343 |
| | Weak policy | 18% | 22% | 23% | 23% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 3% | 3% | 2% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 2% | 2% | 3% | 5% | |
| | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 85% | 85% | 86% | 85% | 87% | 84% | .430 |
| | Weak policy | 7% | 7% | 8% | 9% | 7% | 8% | |
| | Strong policy: Did not meet IOM | 7% | 6% | 3% | 4% | 4% | 5% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 91% | 92% | 88% | 86% | 84% | 81% | .003** |
| | Weak policy | 0% | 1% | 2% | 4% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 7% | 5% | 6% | 7% | 8% | 7% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 1% | 2% | 2% | 3% | 5% | |
| | Competitive food or location ban | 1% | 2% | 2% | 2% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 65% | 65% | 66% | 65% | 66% | 66% | .655 |
| | Weak policy | 32% | 32% | 29% | 29% | 31% | 29% | |
| | Strong policy: Met IOM (added sugars prohibited) | 2% | 2% | 3% | 4% | 3% | 4% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Calorie content of beverages | No policy/provision | 98% | 97% | 96% | 95% | 94% | 93% | .021* |
| | Weak policy | 1% | 1% | 1% | 1% | 3% | 3% | |
| | Strong policy | 0% | 0% | 1% | 2% | 3% | 3% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Regular soda | No policy/provision | 60% | 60% | 61% | 60% | 59% | 61% | .119 |
| | Weak policy | 22% | 12% | 9% | 10% | 10% | 10% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 15% | 26% | 26% | 25% | 27% | 25% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 2% | 2% | 3% | 4% | 3% | 4% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| SSBs other than soda | No policy/provision | 81% | 80% | 84% | 83% | 84% | 82% | .555 |
| | Weak policy | 16% | 17% | 11% | 11% | 12% | 13% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 2% | 2% | 3% | 4% | 3% | 4% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 86% | 85% | 82% | 83% | 84% | 80% | .157 |
| | Weak policy | 1% | 1% | 0% | 1% | 0% | 1% | |
| | Strong policy: Did not meet IOM | 13% | 13% | 15% | 15% | 15% | 15% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 2% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Fat content of milk | No policy/provision | 79% | 81% | 83% | 82% | 82% | 80% | .650 |
| | Weak policy | 14% | 14% | 10% | 12% | 13% | 12% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 6% | 4% | 4% | 4% | 4% | 7% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Serving size limits for beverages | No policy/provision | 70% | 69% | 71% | 72% | 75% | 73% | .688 |
| | Weak policy | 24% | 25% | 24% | 24% | 21% | 20% | |
| | Strong policy: Did not meet IOM | 4% | 4% | 3% | 3% | 3% | 4% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 1% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |
| Caffeine content of beverages | No policy/provision | 78% | 78% | 82% | 81% | 81% | 82% | .323 |
| | Weak policy | 13% | 14% | 10% | 11% | 13% | 12% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 8% | 7% | 6% | 6% | 5% | 5% | |
| | Competitive food or location ban | 1% | 1% | 2% | 2% | 1% | 1% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications. † Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

Student-weighted Comprehensiveness and Strength Scores across Policy Categories

New to this year’s report are data from school years 2006-07 through 2013-14 on the comprehensiveness and strength of wellness policy elements across all categories by district characteristic. Table D-1 represents the mean comprehensiveness and strength scores based on the weighted percentage of public school *students* enrolled in districts nationwide across all grades. Tables D-2, D-3, and D-4 represent mean comprehensiveness and strength scores based on weighted percentage of public school *students* in elementary, middle, and high schools, respectively.

Table D-1. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, Student Weighted, All Grades, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 35.29 | 47.53 | 50.19 | .000*** | 19.42 | 27.52 | 29.88 | .000*** |
| Nutrition Education | 46.95 | 59.00 | 63.72 | .000*** | 30.82 | 39.47 | 41.12 | .000*** |
| School Meals | 35.16 | 47.75 | 51.45 | .000*** | 19.08 | 26.09 | 27.82 | .000*** |
| Competitive Foods & Beverages | 40.99 | 54.32 | 55.63 | .000*** | 12.63 | 21.88 | 23.89 | .000*** |
| Physical Education | 29.52 | 41.41 | 44.82 | .000*** | 18.09 | 25.97 | 28.59 | .000*** |
| Physical Activity | 36.73 | 49.65 | 52.47 | .000*** | 23.10 | 31.19 | 34.92 | .000*** |
| Communication & Stakeholders | 32.46 | 47.19 | 48.15 | .000*** | 19.74 | 28.62 | 31.52 | .000*** |
| Staff Wellness | 22.39 | 29.06 | 35.02 | .000*** | 12.06 | 12.58 | 17.24 | .003** |
| Marketing & Promotion | 19.17 | 30.44 | 25.36 | .007** | 7.12 | 12.03 | 12.21 | .001** |
| Evaluation & Implementation | 36.43 | 48.36 | 50.43 | .000*** | 25.65 | 36.13 | 38.13 | .000*** |
| Reporting Requirements | -- | 13.67 | 16.70 | .008** | -- | 11.65 | 14.48 | .006** |

| SCORES BY DISTRICT CHARACTERISTICS | | | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.55 | 43.75 | 44.76 | .000*** | Referent | 20.16 | 25.04 | 25.74 | .000*** | Referent |
| Maj. African-American (≥50%) | 42.92 | 51.45 | 55.07 | .005** | .000*** | 21.77 | 30.52 | 33.86 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 27.01 | 54.80 | 62.42 | .000*** | .000*** | 14.72 | 31.51 | 39.24 | .000*** | .000*** |
| Mixed | 35.92 | 47.67 | 48.84 | .000*** | .031* | 20.26 | 27.77 | 28.78 | .000*** | .028* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.30 | 44.30 | 45.87 | .000*** | Referent | 19.33 | 25.19 | 26.34 | .000*** | Referent |
| Mid FRL (Middle SES) | 37.47 | 46.49 | 48.38 | .000*** | .250 | 20.76 | 27.04 | 27.92 | .000*** | .294 |
| High FRL (Low SES) | 33.93 | 50.87 | 54.80 | .000*** | .000*** | 18.58 | 29.69 | 33.96 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.73 | 51.82 | 57.32 | .000*** | Referent | 17.62 | 30.23 | 35.34 | .000*** | Referent |
| Suburb | 35.97 | 45.65 | 48.90 | .000*** | .000*** | 20.18 | 26.71 | 28.72 | .000*** | .000*** |
| Rural | 37.82 | 46.15 | 43.37 | .046* | .000*** | 20.77 | 26.07 | 24.67 | .037* | .000*** |
| Township | 35.82 | 42.16 | 45.74 | .007** | .000*** | 19.54 | 23.98 | 27.06 | .002** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.10 | 43.88 | 40.78 | .026* | .000*** | 20.06 | 24.63 | 22.57 | .138 | .000*** |
| Medium | 34.49 | 43.81 | 47.75 | .000*** | .011* | 18.94 | 25.41 | 28.18 | .000*** | .020* |
| Large | 36.39 | 50.38 | 52.22 | .000*** | Referent | 19.72 | 29.36 | 31.40 | .000*** | Referent |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Region</i> | | | | | | | | | | |
| West | 38.55 | 52.40 | 61.81 | .000*** | Referent | 21.01 | 31.58 | 40.02 | .000*** | Referent |
| Midwest | 34.21 | 43.05 | 42.21 | .001** | .000*** | 18.43 | 24.38 | 24.51 | .000*** | .000*** |
| South | 38.59 | 47.15 | 46.64 | .000*** | .000*** | 20.95 | 26.78 | 26.34 | .000*** | .000*** |
| Northeast | 26.63 | 48.46 | 53.60 | .000*** | .003** | 15.76 | 28.43 | 31.91 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 49.34 | 58.82 | 59.82 | .000*** | Referent | 32.21 | 40.58 | 36.41 | .026* | Referent |
| Maj. African-American (≥50%) | 50.57 | 55.59 | 71.46 | .000*** | .002** | 32.95 | 42.28 | 50.80 | .001** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 38.26 | 67.07 | 71.27 | .000*** | .000*** | 26.28 | 43.24 | 48.83 | .001** | .000*** |
| Mixed | 46.82 | 57.24 | 62.38 | .000*** | .304 | 30.41 | 35.52 | 40.07 | .000*** | .097 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 47.58 | 56.05 | 61.44 | .000*** | Referent | 30.39 | 37.48 | 38.91 | .001** | Referent |
| Mid FRL (Middle SES) | 50.76 | 60.75 | 61.45 | .000*** | .997 | 32.85 | 40.19 | 38.23 | .037* | .796 |
| High FRL (Low SES) | 43.89 | 60.06 | 67.36 | .000*** | .029* | 29.87 | 40.57 | 45.20 | .000*** | .008** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 44.57 | 57.39 | 69.13 | .000*** | Referent | 27.36 | 36.42 | 46.54 | .000*** | Referent |
| Suburb | 47.93 | 59.63 | 64.66 | .000*** | .065 | 33.40 | 43.03 | 41.06 | .001** | .026* |
| Rural | 49.19 | 62.27 | 57.94 | .019* | .000*** | 32.33 | 40.16 | 35.98 | .323 | .002** |
| Township | 46.59 | 55.71 | 54.65 | .087 | .000*** | 29.73 | 36.30 | 34.59 | .195 | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 46.02 | 57.81 | 53.85 | .021* | .000*** | 32.61 | 36.58 | 33.34 | .798 | .000*** |
| Medium | 46.21 | 58.91 | 58.21 | .000*** | .000*** | 30.13 | 41.70 | 38.00 | .001** | .012* |
| Large | 48.41 | 59.53 | 66.82 | .000*** | Referent | 30.95 | 39.25 | 43.17 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 50.90 | 58.81 | 69.70 | .000*** | Referent | 36.34 | 41.77 | 49.70 | .000*** | Referent |
| Midwest | 45.00 | 54.04 | 57.65 | .000*** | .000*** | 30.10 | 36.31 | 39.54 | .000*** | .000*** |
| South | 53.05 | 62.44 | 64.46 | .000*** | .080 | 31.03 | 38.95 | 37.26 | .013* | .000*** |
| Northeast | 33.07 | 58.45 | 61.14 | .000*** | .002** | 25.06 | 42.31 | 41.20 | .004** | .002** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.60 | 42.34 | 44.69 | .000*** | Referent | 20.44 | 24.33 | 23.82 | .026* | Referent |
| Maj. African-American (≥50%) | 44.31 | 48.05 | 57.04 | .020* | .000*** | 22.27 | 28.93 | 35.45 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 27.57 | 60.05 | 66.33 | .000*** | .000*** | 12.58 | 26.53 | 35.38 | .000*** | .000*** |
| Mixed | 34.53 | 49.18 | 50.06 | .000*** | .043* | 19.67 | 26.97 | 26.61 | .000*** | .125 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.08 | 43.69 | 47.52 | .000*** | Referent | 19.64 | 24.35 | 25.48 | .004** | Referent |
| Mid FRL (Middle SES) | 35.86 | 45.86 | 49.22 | .000*** | .561 | 20.99 | 27.38 | 26.12 | .010* | .757 |
| High FRL (Low SES) | 34.42 | 52.36 | 56.07 | .000*** | .001** | 17.27 | 26.32 | 31.01 | .000*** | .004** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.84 | 53.08 | 59.02 | .000*** | Referent | 17.03 | 28.45 | 33.92 | .000*** | Referent |
| Suburb | 35.38 | 43.09 | 48.11 | .000*** | .000*** | 20.55 | 25.52 | 25.35 | .008** | .000*** |
| Rural | 38.08 | 50.10 | 49.69 | .002** | .003** | 20.28 | 24.49 | 25.01 | .062 | .000*** |
| Township | 35.71 | 40.73 | 45.95 | .020* | .000*** | 18.14 | 23.27 | 24.57 | .028* | .001** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.08 | 46.01 | 42.39 | .040* | .000*** | 20.61 | 23.22 | 21.91 | .533 | .000*** |
| Medium | 34.14 | 42.32 | 48.64 | .000*** | .047* | 18.06 | 24.42 | 27.09 | .000*** | .353 |
| Large | 35.95 | 50.89 | 53.57 | .000*** | Referent | 19.45 | 27.71 | 28.85 | .000*** | Referent |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Region</i> | | | | | | | | | | |
| West | 35.03 | 50.34 | 59.04 | .000*** | Referent | 20.26 | 28.91 | 35.42 | .000*** | Referent |
| Midwest | 34.52 | 38.57 | 40.46 | .050 | .000*** | 19.06 | 22.89 | 23.43 | .018* | .000*** |
| South | 40.10 | 52.07 | 53.60 | .000*** | .119 | 19.54 | 25.18 | 24.16 | .012* | .000*** |
| Northeast | 26.61 | 47.54 | 49.39 | .000*** | .005** | 16.93 | 29.20 | 32.63 | .000*** | .275 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 40.87 | 49.57 | 49.06 | .000*** | Referent | 11.39 | 16.29 | 17.90 | .000*** | Referent |
| Maj. African-American (≥50%) | 47.71 | 63.40 | 57.67 | .043* | .002** | 12.78 | 19.88 | 24.61 | .002** | .042* |
| Maj. Hispanic/Latino (≥50%) | 34.12 | 58.82 | 69.82 | .000*** | .000*** | 13.11 | 30.64 | 37.46 | .000*** | .000*** |
| Mixed | 43.61 | 54.82 | 55.12 | .000*** | .019* | 14.66 | 25.87 | 23.40 | .000*** | .006** |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 42.92 | 51.96 | 52.59 | .002** | Referent | 12.95 | 20.62 | 18.74 | .003** | Referent |
| Mid FRL (Middle SES) | 42.06 | 51.37 | 54.49 | .000*** | .494 | 12.14 | 19.73 | 21.84 | .000*** | .137 |
| High FRL (Low SES) | 39.22 | 58.61 | 59.16 | .000*** | .013* | 13.03 | 24.64 | 29.35 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 39.91 | 60.57 | 62.75 | .000*** | Referent | 13.85 | 28.26 | 31.83 | .000*** | Referent |
| Suburb | 41.50 | 52.59 | 55.07 | .000*** | .003** | 12.71 | 19.48 | 21.86 | .000*** | .000*** |
| Rural | 41.75 | 51.66 | 49.12 | .034* | .000*** | 10.97 | 18.43 | 17.02 | .001** | .000*** |
| Township | 41.05 | 44.38 | 48.29 | .093 | .000*** | 12.03 | 15.50 | 19.95 | .003** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 40.34 | 50.31 | 44.67 | .164 | .000*** | 11.38 | 16.91 | 14.53 | .078 | .000*** |
| Medium | 38.49 | 47.60 | 51.99 | .000*** | .005** | 12.19 | 17.26 | 20.89 | .000*** | .005** |
| Large | 43.63 | 58.70 | 58.26 | .000*** | Referent | 13.62 | 25.49 | 26.10 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 46.09 | 56.80 | 62.26 | .000*** | Referent | 16.03 | 31.66 | 35.61 | .000*** | Referent |
| Midwest | 37.76 | 48.98 | 41.55 | .224 | .000*** | 7.82 | 12.02 | 12.34 | .003** | .000*** |
| South | 45.18 | 55.11 | 56.27 | .000*** | .051 | 13.62 | 21.45 | 21.31 | .000*** | .000*** |
| Northeast | 30.84 | 56.96 | 63.28 | .000*** | .718 | 12.12 | 24.37 | 29.39 | .000*** | .044* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 29.92 | 36.47 | 36.26 | .006** | Referent | 19.24 | 24.04 | 23.83 | .003** | Referent |
| Maj. African-American (≥50%) | 40.67 | 45.99 | 54.37 | .012* | .000*** | 21.77 | 30.65 | 35.03 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 19.57 | 48.79 | 59.63 | .000*** | .000*** | 10.83 | 26.62 | 35.28 | .000*** | .000*** |
| Mixed | 31.77 | 42.67 | 44.31 | .000*** | .006** | 19.39 | 26.29 | 28.77 | .000*** | .010* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 27.83 | 37.49 | 37.62 | .001** | Referent | 17.43 | 23.56 | 25.05 | .000*** | Referent |
| Mid FRL (Middle SES) | 31.85 | 41.01 | 41.39 | .002** | .260 | 20.01 | 25.67 | 26.37 | .002** | .557 |
| High FRL (Low SES) | 29.14 | 44.72 | 53.12 | .000*** | .000*** | 17.11 | 28.08 | 33.09 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.44 | 45.24 | 54.24 | .000*** | Referent | 14.84 | 26.93 | 33.00 | .000*** | Referent |
| Suburb | 32.07 | 41.85 | 44.13 | .000*** | .002** | 19.73 | 27.24 | 28.55 | .000*** | .048* |
| Rural | 30.61 | 36.96 | 32.59 | .560 | .000*** | 19.12 | 23.73 | 21.78 | .270 | .000*** |
| Township | 28.20 | 35.94 | 39.99 | .010* | .000*** | 19.69 | 22.93 | 26.90 | .031* | .036* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 27.56 | 35.24 | 33.65 | .052 | .000*** | 18.70 | 23.74 | 22.12 | .128 | .000*** |
| Medium | 30.16 | 38.95 | 41.92 | .000*** | .036* | 19.20 | 26.03 | 28.84 | .000*** | .766 |
| Large | 30.14 | 44.35 | 47.24 | .000*** | Referent | 17.17 | 26.60 | 29.37 | .000*** | Referent |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Region</i> | | | | | | | | | | |
| West | 33.62 | 52.34 | 64.37 | .000*** | Referent | 17.60 | 30.39 | 39.91 | .000*** | Referent |
| Midwest | 27.94 | 36.27 | 35.90 | .004** | .000*** | 19.03 | 25.82 | 25.55 | .001** | .000*** |
| South | 30.42 | 38.45 | 37.28 | .011* | .000*** | 18.56 | 23.24 | 22.67 | .024* | .000*** |
| Northeast | 24.96 | 41.26 | 48.76 | .000*** | .000*** | 16.72 | 26.70 | 32.26 | .000*** | .006** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.67 | 46.86 | 47.68 | .001** | Referent | 24.87 | 29.49 | 31.94 | .000*** | Referent |
| Maj. African-American (≥50%) | 44.32 | 60.36 | 56.82 | .028* | .008** | 27.82 | 39.24 | 39.61 | .004** | .007** |
| Maj. Hispanic/Latino (≥50%) | 28.40 | 57.94 | 64.45 | .000*** | .000*** | 18.23 | 35.80 | 44.21 | .000*** | .000*** |
| Mixed | 34.14 | 45.62 | 50.74 | .000*** | .288 | 21.39 | 28.33 | 32.60 | .000*** | .732 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.81 | 46.93 | 48.95 | .000*** | Referent | 24.17 | 27.87 | 32.14 | .001** | Referent |
| Mid FRL (Middle SES) | 40.55 | 46.96 | 52.54 | .000*** | .265 | 24.79 | 29.33 | 34.11 | .000*** | .372 |
| High FRL (Low SES) | 33.92 | 54.06 | 54.88 | .000*** | .052 | 21.16 | 35.19 | 37.09 | .000*** | .024* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.66 | 56.86 | 60.72 | .000*** | Referent | 20.36 | 34.53 | 38.40 | .000*** | Referent |
| Suburb | 36.04 | 43.40 | 49.49 | .000*** | .000*** | 22.57 | 27.73 | 34.10 | .000*** | .048* |
| Rural | 43.08 | 50.00 | 47.38 | .267 | .000*** | 28.02 | 33.09 | 31.79 | .173 | .005** |
| Township | 38.76 | 45.71 | 48.56 | .033* | .002** | 23.66 | 27.77 | 33.15 | .002** | .055 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 38.34 | 48.15 | 43.00 | .151 | .000*** | 25.12 | 30.70 | 28.19 | .205 | .000*** |
| Medium | 37.25 | 44.91 | 50.01 | .000*** | .082 | 22.87 | 28.53 | 33.02 | .000*** | .065 |
| Large | 36.06 | 52.42 | 54.52 | .000*** | Referent | 22.69 | 32.60 | 36.43 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 37.30 | 49.50 | 62.23 | .000*** | Referent | 22.37 | 27.82 | 40.02 | .000*** | Referent |
| Midwest | 36.33 | 49.62 | 46.02 | .006** | .000*** | 21.82 | 31.97 | 29.44 | .001** | .000*** |
| South | 40.56 | 47.65 | 47.66 | .012* | .000*** | 26.92 | 32.58 | 34.65 | .000*** | .040* |
| Northeast | 29.25 | 54.65 | 60.01 | .000*** | .567 | 18.01 | 31.21 | 35.62 | .000*** | .095 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 33.82 | 41.93 | 41.65 | .011* | Referent | 20.08 | 23.85 | 27.21 | .002** | Referent |
| Maj. African-American (≥50%) | 37.85 | 51.73 | 43.72 | .429 | .722 | 21.74 | 38.21 | 28.76 | .265 | .725 |
| Maj. Hispanic/Latino (≥50%) | 29.03 | 55.90 | 70.41 | .000*** | .000*** | 16.62 | 35.01 | 50.29 | .000*** | .000*** |
| Mixed | 30.43 | 48.33 | 45.39 | .000*** | .309 | 20.47 | 28.20 | 27.87 | .019* | .826 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 32.87 | 46.40 | 39.90 | .077 | Referent | 18.82 | 26.20 | 26.21 | .012* | Referent |
| Mid FRL (Middle SES) | 33.73 | 44.26 | 46.96 | .001** | .083 | 21.50 | 26.89 | 29.12 | .010* | .358 |
| High FRL (Low SES) | 31.43 | 50.15 | 54.27 | .000*** | .000*** | 19.14 | 31.78 | 36.61 | .000*** | .002** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 27.91 | 54.16 | 57.88 | .000*** | Referent | 15.92 | 34.24 | 38.95 | .000*** | Referent |
| Suburb | 32.09 | 42.84 | 45.21 | .000*** | .003** | 19.84 | 24.64 | 29.22 | .001** | .006** |
| Rural | 38.30 | 45.56 | 37.82 | .915 | .000*** | 25.32 | 28.99 | 27.04 | .638 | .001** |
| Township | 35.47 | 41.67 | 47.53 | .039* | .039* | 20.16 | 22.41 | 26.57 | .135 | .003** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 37.09 | 43.18 | 38.38 | .756 | .001** | 24.49 | 25.08 | 23.99 | .887 | .001** |
| Medium | 32.49 | 40.52 | 47.01 | .000*** | .410 | 18.46 | 21.10 | 30.10 | .000*** | .325 |
| Large | 30.88 | 51.51 | 49.81 | .000*** | Referent | 18.99 | 33.25 | 32.98 | .000*** | Referent |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Region</i> | | | | | | | | | | |
| West | 38.37 | 57.87 | 69.55 | .000*** | Referent | 18.34 | 28.74 | 44.14 | .000*** | Referent |
| Midwest | 29.46 | 39.39 | 32.16 | .472 | .000*** | 16.72 | 24.87 | 21.43 | .111 | .000*** |
| South | 34.61 | 43.74 | 41.14 | .045* | .000*** | 24.87 | 30.14 | 30.29 | .041* | .001** |
| Northeast | 25.02 | 52.56 | 57.57 | .000*** | .035* | 14.78 | 30.40 | 30.05 | .001** | .002** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 22.13 | 23.54 | 30.04 | .007** | Referent | 12.92 | 11.89 | 15.44 | .285 | Referent |
| Maj. African-American (≥50%) | 31.88 | 23.14 | 30.01 | .803 | .995 | 15.75 | 11.23 | 9.99 | .224 | .111 |
| Maj. Hispanic/Latino (≥50%) | 19.49 | 44.09 | 47.09 | .000*** | .000*** | 6.59 | 14.49 | 24.79 | .000*** | .028* |
| Mixed | 21.92 | 31.90 | 35.48 | .001** | .162 | 12.81 | 13.15 | 17.18 | .163 | .585 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 22.10 | 25.59 | 33.67 | .002** | Referent | 13.01 | 10.14 | 15.52 | .419 | Referent |
| Mid FRL (Middle SES) | 20.83 | 29.27 | 32.64 | .002** | .808 | 11.18 | 12.85 | 15.04 | .093 | .874 |
| High FRL (Low SES) | 24.36 | 31.63 | 38.36 | .001** | .237 | 12.35 | 14.23 | 20.03 | .019* | .207 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 20.74 | 33.30 | 42.75 | .000*** | Referent | 11.48 | 12.43 | 24.04 | .002** | Referent |
| Suburb | 23.98 | 27.15 | 33.57 | .009** | .033* | 13.62 | 13.67 | 15.15 | .542 | .023* |
| Rural | 23.40 | 28.22 | 26.80 | .397 | .000*** | 11.99 | 11.88 | 11.64 | .899 | .002** |
| Township | 20.42 | 22.94 | 31.52 | .036* | .037* | 9.31 | 10.82 | 14.72 | .079 | .025* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 21.94 | 21.98 | 24.97 | .382 | .000*** | 12.56 | 10.20 | 11.46 | .649 | .004** |
| Medium | 18.37 | 22.87 | 33.48 | .000*** | .338 | 10.17 | 12.22 | 15.33 | .031* | .209 |
| Large | 25.91 | 34.15 | 36.84 | .003** | Referent | 13.44 | 13.44 | 18.63 | .047* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 23.69 | 31.98 | 51.98 | .000*** | Referent | 11.39 | 14.84 | 31.85 | .000*** | Referent |
| Midwest | 21.55 | 18.81 | 31.36 | .013* | .000*** | 11.79 | 9.61 | 15.62 | .148 | .001** |
| South | 26.86 | 34.22 | 27.47 | .855 | .000*** | 13.10 | 14.15 | 11.50 | .495 | .000*** |
| Northeast | 13.33 | 28.06 | 35.63 | .000*** | .004** | 11.13 | 10.19 | 13.63 | .487 | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 18.04 | 25.23 | 23.71 | .048* | Referent | 6.39 | 8.14 | 8.74 | .202 | Referent |
| Maj. African-American (≥50%) | 23.75 | 54.55 | 24.95 | .872 | .816 | 8.71 | 28.78 | 11.14 | .662 | .529 |
| Maj. Hispanic/Latino (≥50%) | 18.24 | 37.48 | 35.19 | .012* | .015* | 4.77 | 12.46 | 25.30 | .000*** | .000*** |
| Mixed | 20.63 | 24.81 | 22.64 | .622 | .771 | 9.52 | 10.26 | 9.91 | .890 | .662 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 18.40 | 27.12 | 23.28 | .190 | Referent | 5.13 | 10.66 | 9.60 | .035* | Referent |
| Mid FRL (Middle SES) | 17.98 | 26.29 | 22.50 | .213 | .847 | 7.46 | 9.87 | 8.46 | .666 | .641 |
| High FRL (Low SES) | 21.17 | 36.60 | 28.54 | .084 | .177 | 8.42 | 14.94 | 16.87 | .007** | .015* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 18.92 | 37.05 | 26.08 | .122 | Referent | 7.81 | 17.59 | 15.97 | .012* | Referent |
| Suburb | 18.78 | 29.74 | 26.09 | .035* | .999 | 5.32 | 8.80 | 10.44 | .032* | .091 |
| Rural | 18.51 | 25.22 | 21.79 | .432 | .324 | 7.69 | 10.74 | 9.06 | .621 | .036* |
| Township | 21.92 | 21.04 | 25.99 | .486 | .985 | 9.51 | 6.83 | 12.98 | .391 | .445 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 19.48 | 27.18 | 23.39 | .346 | .835 | 7.60 | 9.23 | 8.02 | .872 | .034* |
| Medium | 19.08 | 30.21 | 29.99 | .002** | .078 | 7.65 | 11.31 | 9.91 | .337 | .138 |
| Large | 19.35 | 31.51 | 24.11 | .161 | Referent | 6.59 | 13.18 | 13.52 | .002** | Referent |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|--|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | |
| <i>Region</i> | | | | | | | | | | | |
| West | 28.93 | 35.76 | 35.52 | .220 | Referent | 12.99 | 14.08 | 23.51 | .011* | Referent | |
| Midwest | 16.15 | 34.58 | 23.98 | .038* | .020* | 5.22 | 13.26 | 8.27 | .179 | .000*** | |
| South | 17.74 | 22.19 | 18.48 | .836 | .000*** | 7.21 | 9.86 | 9.66 | .348 | .001** | |
| Northeast | 14.36 | 36.70 | 31.09 | .000*** | .369 | 2.46 | 12.54 | 7.91 | .021* | .000*** | |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|--|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | | |
| Maj. White (≥66%) | 39.57 | 47.35 | 50.26 | .000*** | Referent | 27.21 | 33.89 | 35.97 | .000*** | Referent | |
| Maj. African-American (≥50%) | 42.22 | 46.39 | 57.62 | .002** | .015* | 26.55 | 36.22 | 42.37 | .000*** | .024* | |
| Maj. Hispanic/Latino (≥50%) | 23.42 | 50.41 | 54.43 | .000*** | .162 | 18.65 | 42.29 | 45.29 | .000*** | .001** | |
| Mixed | 36.93 | 49.45 | 47.22 | .001** | .217 | 26.80 | 36.30 | 36.07 | .001** | .963 | |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | | |
| Low FRL (High SES) | 34.98 | 44.51 | 46.24 | .000*** | Referent | 25.11 | 32.29 | 34.05 | .000*** | Referent | |
| Mid FRL (Middle SES) | 41.23 | 49.90 | 49.72 | .001** | .175 | 28.23 | 36.78 | 36.95 | .000*** | .185 | |
| High FRL (Low SES) | 33.78 | 49.82 | 53.47 | .000*** | .006** | 24.17 | 38.41 | 41.86 | .000*** | .000*** | |
| <i>Locale</i> | | | | | | | | | | | |
| Large- to mid-size city | 33.18 | 50.29 | 54.53 | .000*** | Referent | 23.67 | 39.63 | 41.98 | .000*** | Referent | |
| Suburb | 35.99 | 47.27 | 48.98 | .000*** | .043* | 25.60 | 34.12 | 37.50 | .000*** | .067 | |
| Rural | 40.44 | 46.34 | 45.74 | .139 | .003** | 28.42 | 34.03 | 33.32 | .089 | .001** | |
| Township | 39.30 | 49.47 | 51.31 | .005** | .303 | 26.31 | 35.34 | 37.10 | .001** | .076 | |
| <i>District Size</i> | | | | | | | | | | | |
| Small | 35.67 | 45.28 | 44.38 | .005** | .005** | 25.23 | 33.44 | 29.87 | .058 | .000*** | |
| Medium | 35.61 | 47.67 | 50.37 | .000*** | .694 | 23.69 | 32.18 | 35.63 | .000*** | .022* | |
| Large | 37.76 | 49.49 | 51.24 | .000*** | Referent | 27.60 | 38.80 | 40.04 | .000*** | Referent | |
| <i>Region</i> | | | | | | | | | | | |
| West | 38.63 | 54.98 | 60.88 | .000*** | Referent | 28.10 | 41.90 | 48.71 | .000*** | Referent | |
| Midwest | 39.27 | 48.45 | 52.13 | .000*** | .001** | 26.86 | 34.01 | 34.28 | .003** | .000*** | |
| South | 39.48 | 45.59 | 43.42 | .143 | .000*** | 29.00 | 35.24 | 34.62 | .010* | .000*** | |
| Northeast | 25.11 | 45.73 | 51.84 | .000*** | .005** | 15.24 | 33.53 | 37.38 | .000*** | .000*** | |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|--|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | |
| REPORTING REQUIREMENTS | | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | | |
| Maj. White (≥66%) | -- | 11.52 | 13.91 | .040* | Referent | -- | 9.00 | 12.04 | .002** | Referent | |
| Maj. African-American (≥50%) | -- | 17.62 | 16.88 | .813 | .133 | -- | 15.74 | 14.94 | .789 | .099 | |
| Maj. Hispanic/Latino (≥50%) | -- | 15.00 | 25.83 | .005** | .000*** | -- | 12.99 | 22.04 | .009** | .001** | |
| Mixed | -- | 15.05 | 15.26 | .922 | .443 | -- | 13.64 | 13.34 | .878 | .407 | |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.76 | 14.31 | .048* | Referent | -- | 8.75 | 12.66 | .015* | Referent | |
| Mid FRL (Middle SES) | -- | 12.56 | 15.69 | .111 | .506 | -- | 10.63 | 13.46 | .107 | .663 | |
| High FRL (Low SES) | -- | 15.58 | 18.98 | .094 | .032* | -- | 13.35 | 16.44 | .091 | .049* | |
| <i>Locale</i> | | | | | | | | | | | |
| Large- to mid-size city | -- | 14.98 | 18.75 | .099 | Referent | -- | 14.15 | 17.37 | .141 | Referent | |
| Suburb | -- | 11.95 | 15.84 | .027* | .212 | -- | 9.51 | 13.23 | .012* | .047* | |
| Rural | -- | 14.58 | 13.81 | .706 | .037* | -- | 11.16 | 11.70 | .752 | .009** | |
| Township | -- | 13.51 | 18.39 | .079 | .896 | -- | 11.78 | 15.18 | .165 | .369 | |
| <i>District Size</i> | | | | | | | | | | | |
| Small | -- | 10.28 | 13.09 | .091 | .032* | -- | 8.03 | 11.76 | .011* | .069 | |
| Medium | -- | 13.38 | 18.20 | .011* | .412 | -- | 10.99 | 15.55 | .008** | .523 | |
| Large | -- | 14.36 | 16.69 | .120 | Referent | -- | 12.52 | 14.49 | .144 | Referent | |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 18.10 | 29.61 | .001** | Referent | -- | 15.98 | 25.15 | .004** | Referent |
| Midwest | -- | 11.36 | 15.52 | .005** | .000*** | -- | 9.94 | 14.61 | .001** | .000*** |
| South | -- | 11.71 | 9.68 | .174 | .000*** | -- | 10.04 | 8.63 | .286 | .000*** |
| Northeast | -- | 15.57 | 18.49 | .134 | .001** | -- | 12.00 | 14.57 | .199 | .000*** |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table D-2. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, Student Weighted, Elementary School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 37.32 | 48.37 | 51.18 | .000*** | 20.94 | 28.65 | 31.11 | .000*** |
| Nutrition Education | 49.10 | 58.76 | 63.01 | .000*** | 32.15 | 39.59 | 41.66 | .000*** |
| School Meals | 36.84 | 48.37 | 51.77 | .000*** | 20.01 | 26.44 | 28.21 | .000*** |
| Competitive Foods & Beverages | 44.13 | 55.71 | 57.30 | .000*** | 16.69 | 26.66 | 28.82 | .000*** |
| Physical Education | 31.48 | 43.38 | 47.29 | .000*** | 18.87 | 26.52 | 29.01 | .000*** |
| Physical Activity | 38.38 | 49.94 | 53.06 | .000*** | 23.70 | 31.08 | 35.17 | .000*** |
| Communication & Stakeholders | 34.30 | 47.53 | 48.95 | .000*** | 20.28 | 28.31 | 31.49 | .000*** |
| Staff Wellness | 23.13 | 28.90 | 34.94 | .000*** | 12.29 | 12.65 | 17.55 | .002** |
| Marketing & Promotion | 20.54 | 30.46 | 24.85 | .054 | 8.00 | 12.16 | 12.55 | .006** |
| Evaluation & Implementation | 37.89 | 48.38 | 50.76 | .000*** | 26.77 | 36.25 | 38.12 | .000*** |
| Reporting Requirements (YR5) | -- | 14.30 | 17.22 | .018* | -- | 12.12 | 14.91 | .013* |

| SCORES BY DISTRICT CHARACTERISTICS | | | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 37.30 | 44.08 | 45.32 | .000*** | Referent | 20.88 | 25.69 | 26.78 | .000*** | Referent |
| Maj. African-American (≥50%) | 45.70 | 52.64 | 55.63 | .019* | .000*** | 23.26 | 31.77 | 34.50 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 32.34 | 54.58 | 61.94 | .000*** | .000*** | 18.21 | 32.18 | 39.64 | .000*** | .000*** |
| Mixed | 37.93 | 49.10 | 50.21 | .000*** | .011* | 22.00 | 29.41 | 30.10 | .000*** | .017* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.47 | 44.53 | 46.20 | .000*** | Referent | 20.44 | 25.91 | 27.29 | .000*** | Referent |
| Mid FRL (Middle SES) | 38.15 | 47.77 | 49.80 | .000*** | .116 | 21.41 | 28.43 | 29.39 | .000*** | .180 |
| High FRL (Low SES) | 37.34 | 51.59 | 55.76 | .000*** | .000*** | 20.96 | 30.77 | 35.06 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 36.94 | 52.32 | 57.79 | .000*** | Referent | 20.61 | 31.06 | 36.12 | .000*** | Referent |
| Suburb | 36.56 | 46.26 | 49.95 | .000*** | .000*** | 20.93 | 27.90 | 30.13 | .000*** | .000*** |
| Rural | 39.32 | 47.62 | 44.52 | .060 | .000*** | 21.97 | 27.49 | 25.98 | .035* | .000*** |
| Township | 37.41 | 43.63 | 46.35 | .020* | .000*** | 20.18 | 25.30 | 27.79 | .002** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.91 | 44.56 | 40.90 | .055 | .000*** | 20.88 | 25.75 | 23.28 | .171 | .000*** |
| Medium | 35.71 | 44.64 | 48.09 | .000*** | .002** | 19.65 | 26.34 | 29.01 | .000*** | .006** |
| Large | 39.22 | 51.33 | 53.53 | .000*** | Referent | 22.00 | 30.63 | 32.83 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.44 | 52.03 | 62.09 | .000*** | Referent | 22.95 | 31.25 | 40.02 | .000*** | Referent |
| Midwest | 35.24 | 43.63 | 42.09 | .003** | .000*** | 18.90 | 24.98 | 24.87 | .000*** | .000*** |
| South | 40.07 | 48.87 | 48.39 | .000*** | .000*** | 22.31 | 29.04 | 28.59 | .000*** | .000*** |
| Northeast | 29.74 | 48.74 | 53.28 | .000*** | .001** | 17.71 | 29.26 | 31.91 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 50.06 | 58.06 | 58.67 | .000*** | Referent | 32.45 | 40.20 | 36.33 | .043* | Referent |
| Maj. African-American (≥50%) | 52.24 | 56.00 | 69.87 | .003** | .004** | 34.79 | 42.26 | 50.45 | .004** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 45.10 | 65.31 | 69.58 | .000*** | .000*** | 30.45 | 42.99 | 50.10 | .000*** | .000*** |
| Mixed | 48.78 | 57.73 | 62.17 | .000*** | .163 | 31.83 | 36.39 | 40.35 | .002** | .068 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 48.95 | 55.31 | 60.41 | .001** | Referent | 31.30 | 37.38 | 38.82 | .005** | Referent |
| Mid FRL (Middle SES) | 51.09 | 60.94 | 60.66 | .001** | .936 | 32.67 | 40.17 | 38.63 | .023* | .944 |
| High FRL (Low SES) | 47.56 | 59.90 | 66.84 | .000*** | .018* | 32.41 | 41.01 | 45.96 | .000*** | .003** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 49.12 | 56.88 | 67.98 | .000*** | Referent | 30.88 | 36.70 | 47.30 | .000*** | Referent |
| Suburb | 48.55 | 59.14 | 64.01 | .000*** | .094 | 33.41 | 43.04 | 41.40 | .001** | .016* |
| Rural | 51.04 | 62.77 | 57.21 | .103 | .000*** | 33.66 | 40.47 | 35.93 | .549 | .001** |
| Township | 47.68 | 56.09 | 53.72 | .231 | .000*** | 29.28 | 36.06 | 34.84 | .149 | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 46.82 | 57.05 | 51.72 | .163 | .000*** | 32.68 | 36.82 | 33.11 | .879 | .000*** |
| Medium | 48.00 | 58.52 | 56.94 | .003** | .000*** | 30.98 | 40.97 | 38.78 | .001** | .019* |
| Large | 50.95 | 59.58 | 66.42 | .000*** | Referent | 32.85 | 39.81 | 43.71 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 53.25 | 57.29 | 69.33 | .000*** | Referent | 37.64 | 41.02 | 50.44 | .000*** | Referent |
| Midwest | 45.63 | 53.82 | 55.65 | .001** | .000*** | 30.40 | 35.74 | 39.17 | .001** | .000*** |
| South | 53.87 | 62.68 | 64.08 | .000*** | .078 | 31.63 | 39.55 | 38.05 | .012* | .000*** |
| Northeast | 37.42 | 58.93 | 59.93 | .000*** | .001** | 28.12 | 43.33 | 40.47 | .002** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.99 | 42.01 | 44.46 | .001** | Referent | 20.61 | 24.11 | 23.76 | .042* | Referent |
| Maj. African-American (≥50%) | 46.71 | 48.20 | 57.10 | .053 | .000*** | 23.81 | 29.14 | 35.77 | .001** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 33.10 | 59.57 | 65.07 | .000*** | .000*** | 15.10 | 26.03 | 34.48 | .000*** | .000*** |
| Mixed | 36.01 | 51.00 | 50.67 | .000*** | .023* | 20.71 | 28.37 | 27.44 | .001** | .048* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.87 | 43.41 | 47.58 | .000*** | Referent | 19.89 | 24.18 | 25.59 | .005** | Referent |
| Mid FRL (Middle SES) | 36.41 | 47.30 | 49.56 | .000*** | .514 | 21.43 | 28.47 | 26.53 | .013* | .661 |
| High FRL (Low SES) | 37.27 | 52.64 | 56.41 | .000*** | .001** | 18.89 | 26.43 | 31.44 | .000*** | .003** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 36.81 | 53.17 | 58.98 | .000*** | Referent | 19.13 | 28.44 | 33.64 | .000*** | Referent |
| Suburb | 35.74 | 43.75 | 48.28 | .000*** | .000*** | 20.94 | 25.99 | 25.76 | .006** | .000*** |
| Rural | 38.65 | 51.45 | 50.94 | .002** | .016* | 20.49 | 25.21 | 26.29 | .036* | .005** |
| Township | 37.37 | 41.81 | 45.57 | .071 | .000*** | 18.71 | 23.62 | 24.64 | .045* | .001** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.38 | 45.65 | 41.10 | .132 | .000*** | 20.82 | 22.99 | 21.40 | .783 | .000*** |
| Medium | 35.03 | 43.31 | 47.98 | .000*** | .010* | 18.63 | 24.65 | 26.60 | .000*** | .098 |
| Large | 38.49 | 51.67 | 54.39 | .000*** | Referent | 20.76 | 28.33 | 29.63 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 37.56 | 50.82 | 59.93 | .000*** | Referent | 21.51 | 28.57 | 35.56 | .000*** | Referent |
| Midwest | 35.04 | 38.72 | 39.50 | .130 | .000*** | 19.61 | 23.00 | 23.08 | .049* | .000*** |
| South | 40.68 | 53.29 | 54.17 | .000*** | .100 | 19.88 | 26.32 | 24.90 | .009** | .000*** |
| Northeast | 29.70 | 47.25 | 48.77 | .000*** | .001** | 18.80 | 28.69 | 32.09 | .000*** | .167 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 42.38 | 50.39 | 50.61 | .000*** | Referent | 14.16 | 19.85 | 22.40 | .000*** | Referent |
| Maj. African-American (≥50%) | 50.91 | 63.91 | 58.95 | .093 | .003** | 15.03 | 23.13 | 28.77 | .002** | .099 |
| Maj. Hispanic/Latino (≥50%) | 41.71 | 59.69 | 69.61 | .000*** | .000*** | 20.14 | 35.97 | 41.89 | .000*** | .000*** |
| Mixed | 46.89 | 57.18 | 56.97 | .002** | .015* | 19.80 | 31.90 | 28.27 | .001** | .012* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 45.16 | 52.37 | 52.89 | .013* | Referent | 16.41 | 24.27 | 22.99 | .003** | Referent |
| Mid FRL (Middle SES) | 43.59 | 53.52 | 57.04 | .000*** | .150 | 15.25 | 25.41 | 26.96 | .000*** | .118 |
| High FRL (Low SES) | 43.90 | 59.79 | 60.86 | .000*** | .003** | 18.21 | 29.32 | 34.27 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 45.73 | 61.55 | 63.95 | .000*** | Referent | 20.24 | 32.14 | 36.92 | .000*** | Referent |
| Suburb | 42.99 | 53.93 | 56.34 | .000*** | .004** | 16.03 | 24.93 | 26.84 | .000*** | .000*** |
| Rural | 44.13 | 53.53 | 51.66 | .034* | .000*** | 13.96 | 23.63 | 21.67 | .002** | .000*** |
| Township | 43.60 | 46.31 | 50.09 | .146 | .000*** | 14.16 | 19.93 | 23.29 | .004** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 41.40 | 51.07 | 46.79 | .102 | .000*** | 13.84 | 21.07 | 18.94 | .027* | .000*** |
| Medium | 40.96 | 48.72 | 52.99 | .000*** | .002** | 14.57 | 21.77 | 24.95 | .000*** | .003** |
| Large | 47.85 | 60.49 | 60.06 | .000*** | Referent | 19.60 | 30.64 | 31.37 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 48.65 | 56.71 | 62.35 | .000*** | Referent | 22.74 | 33.16 | 36.23 | .000*** | Referent |
| Midwest | 39.08 | 49.59 | 41.18 | .493 | .000*** | 7.90 | 13.90 | 14.57 | .000*** | .000*** |
| South | 48.56 | 58.39 | 60.08 | .000*** | .458 | 18.89 | 29.78 | 29.83 | .000*** | .025* |
| Northeast | 34.56 | 56.92 | 63.49 | .000*** | .674 | 14.22 | 28.45 | 33.44 | .000*** | .346 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 30.95 | 37.99 | 37.64 | .004** | Referent | 19.51 | 24.41 | 24.30 | .002** | Referent |
| Maj. African-American (≥50%) | 43.97 | 49.90 | 56.40 | .025* | .000*** | 23.45 | 32.37 | 34.06 | .005** | .001** |
| Maj. Hispanic/Latino (≥50%) | 23.42 | 48.86 | 59.74 | .000*** | .000*** | 13.04 | 26.09 | 34.77 | .000*** | .000*** |
| Mixed | 33.68 | 44.91 | 47.86 | .000*** | .001** | 19.81 | 27.01 | 29.31 | .000*** | .009** |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 28.70 | 38.74 | 39.30 | .001** | Referent | 17.57 | 23.59 | 25.32 | .000*** | Referent |
| Mid FRL (Middle SES) | 32.87 | 43.37 | 44.66 | .000*** | .128 | 20.02 | 26.49 | 27.43 | .000*** | .358 |
| High FRL (Low SES) | 32.48 | 46.75 | 55.03 | .000*** | .000*** | 18.92 | 28.68 | 32.89 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 30.16 | 46.74 | 55.77 | .000*** | Referent | 16.75 | 27.10 | 32.02 | .000*** | Referent |
| Suburb | 32.62 | 43.68 | 47.18 | .000*** | .009** | 19.79 | 27.76 | 29.70 | .000*** | .305 |
| Rural | 33.01 | 39.44 | 34.53 | .670 | .000*** | 20.19 | 24.62 | 22.41 | .370 | .000*** |
| Township | 29.02 | 38.72 | 41.49 | .008** | .001** | 19.35 | 24.05 | 27.11 | .019* | .099 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 28.86 | 38.18 | 34.93 | .055 | .000*** | 19.46 | 25.03 | 22.42 | .192 | .000*** |
| Medium | 31.32 | 40.97 | 44.17 | .000*** | .027* | 19.13 | 26.64 | 29.57 | .000*** | .928 |
| Large | 32.72 | 46.12 | 49.93 | .000*** | Referent | 18.41 | 26.94 | 29.73 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 34.05 | 51.69 | 65.29 | .000*** | Referent | 17.43 | 28.71 | 39.52 | .000*** | Referent |
| Midwest | 29.95 | 37.89 | 37.20 | .011* | .000*** | 20.14 | 26.79 | 25.92 | .005** | .000*** |
| South | 32.30 | 41.73 | 40.47 | .004** | .000*** | 19.12 | 24.75 | 23.53 | .017* | .000*** |
| Northeast | 28.12 | 43.10 | 50.06 | .000*** | .000*** | 18.74 | 27.09 | 30.84 | .000*** | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.56 | 46.29 | 48.19 | .000*** | Referent | 24.52 | 28.78 | 32.70 | .000*** | Referent |
| Maj. African-American (≥50%) | 48.28 | 60.50 | 57.77 | .108 | .009** | 27.50 | 40.11 | 40.01 | .004** | .024* |
| Maj. Hispanic/Latino (≥50%) | 33.12 | 56.72 | 62.78 | .000*** | .000*** | 20.47 | 35.01 | 41.34 | .000*** | .001** |
| Mixed | 36.53 | 47.33 | 51.66 | .000*** | .226 | 23.02 | 28.69 | 33.30 | .000*** | .764 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 37.26 | 46.80 | 48.57 | .000*** | Referent | 25.10 | 27.88 | 32.82 | .001** | Referent |
| Mid FRL (Middle SES) | 40.65 | 47.74 | 53.44 | .000*** | .135 | 24.27 | 28.73 | 34.55 | .000*** | .469 |
| High FRL (Low SES) | 37.34 | 53.99 | 55.96 | .000*** | .015* | 22.16 | 35.09 | 37.05 | .000*** | .058 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 36.85 | 57.09 | 61.09 | .000*** | Referent | 21.97 | 34.85 | 38.08 | .000*** | Referent |
| Suburb | 36.29 | 42.97 | 49.85 | .000*** | .001** | 22.81 | 27.20 | 34.49 | .000*** | .119 |
| Rural | 43.08 | 51.57 | 48.42 | .141 | .000*** | 28.05 | 32.92 | 32.46 | .108 | .017* |
| Township | 41.01 | 46.23 | 48.71 | .105 | .002** | 23.86 | 27.89 | 33.28 | .002** | .078 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 38.16 | 48.00 | 43.07 | .134 | .000*** | 25.04 | 30.39 | 28.17 | .219 | .000*** |
| Medium | 37.28 | 44.53 | 49.50 | .000*** | .020* | 22.69 | 27.44 | 32.65 | .000*** | .023* |
| Large | 39.36 | 53.24 | 55.52 | .000*** | Referent | 23.93 | 33.05 | 36.90 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 39.42 | 50.03 | 61.95 | .000*** | Referent | 22.78 | 27.62 | 39.01 | .000*** | Referent |
| Midwest | 36.45 | 48.86 | 44.65 | .022* | .000*** | 21.70 | 31.55 | 29.19 | .001** | .000*** |
| South | 41.81 | 49.08 | 49.84 | .006** | .001** | 26.99 | 33.09 | 35.99 | .000*** | .244 |
| Northeast | 31.88 | 53.54 | 58.69 | .000*** | .400 | 20.13 | 30.72 | 34.90 | .000*** | .116 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 34.30 | 42.08 | 41.79 | .016* | Referent | 19.91 | 23.91 | 26.95 | .002** | Referent |
| Maj. African-American (≥50%) | 39.77 | 51.83 | 43.61 | .606 | .753 | 22.70 | 37.92 | 28.70 | .349 | .687 |
| Maj. Hispanic/Latino (≥50%) | 34.61 | 56.51 | 70.95 | .000*** | .000*** | 18.53 | 32.77 | 49.03 | .000*** | .000*** |
| Mixed | 32.62 | 48.41 | 45.91 | .001** | .267 | 21.33 | 27.94 | 27.69 | .046* | .803 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.08 | 45.88 | 40.16 | .209 | Referent | 19.01 | 26.10 | 25.89 | .016* | Referent |
| Mid FRL (Middle SES) | 33.52 | 45.15 | 47.85 | .000*** | .064 | 21.40 | 26.93 | 29.54 | .006** | .247 |
| High FRL (Low SES) | 34.46 | 50.32 | 55.38 | .000*** | .000*** | 20.34 | 30.76 | 36.38 | .000*** | .001** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.24 | 53.41 | 58.01 | .000*** | Referent | 17.31 | 33.02 | 38.40 | .000*** | Referent |
| Suburb | 32.67 | 43.77 | 46.50 | .000*** | .006** | 19.70 | 25.38 | 29.35 | .000*** | .010* |
| Rural | 38.67 | 46.29 | 37.73 | .835 | .000*** | 25.45 | 28.36 | 27.01 | .667 | .002** |
| Township | 37.41 | 42.86 | 47.74 | .090 | .046* | 21.36 | 22.22 | 26.25 | .256 | .004** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 38.25 | 42.86 | 37.72 | .899 | .000*** | 25.09 | 24.43 | 23.64 | .683 | .001** |
| Medium | 33.66 | 41.88 | 46.78 | .001** | .202 | 17.94 | 21.00 | 29.03 | .000*** | .133 |
| Large | 33.13 | 51.55 | 51.14 | .000*** | Referent | 20.10 | 33.00 | 33.32 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 41.96 | 57.91 | 70.65 | .000*** | Referent | 18.25 | 27.40 | 43.56 | .000*** | Referent |
| Midwest | 30.63 | 40.39 | 33.28 | .481 | .000*** | 16.95 | 25.66 | 22.07 | .081 | .000*** |
| South | 34.90 | 43.94 | 41.28 | .051 | .000*** | 25.29 | 30.09 | 30.04 | .078 | .001** |
| Northeast | 27.30 | 51.33 | 55.56 | .000*** | .008** | 16.01 | 29.31 | 28.64 | .002** | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 22.85 | 23.61 | 29.51 | .024* | Referent | 13.08 | 11.99 | 15.32 | .342 | Referent |
| Maj. African-American (≥50%) | 33.44 | 23.20 | 28.86 | .538 | .903 | 16.32 | 11.20 | 9.72 | .164 | .096 |
| Maj. Hispanic/Latino (≥50%) | 21.63 | 42.13 | 46.50 | .000*** | .000*** | 7.17 | 14.25 | 24.54 | .000*** | .022* |
| Mixed | 21.65 | 31.44 | 35.61 | .000*** | .117 | 12.69 | 13.27 | 17.95 | .101 | .419 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 22.70 | 25.45 | 32.87 | .006** | Referent | 13.04 | 10.41 | 15.77 | .370 | Referent |
| Mid FRL (Middle SES) | 20.35 | 29.16 | 33.01 | .001** | .973 | 10.82 | 12.84 | 15.40 | .050 | .904 |
| High FRL (Low SES) | 25.95 | 31.38 | 38.63 | .001** | .144 | 13.02 | 14.18 | 20.40 | .017* | .191 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 22.42 | 32.97 | 41.92 | .000*** | Referent | 12.38 | 12.57 | 23.94 | .002** | Referent |
| Suburb | 23.71 | 26.77 | 33.73 | .005** | .057 | 13.25 | 13.64 | 15.63 | .336 | .031* |
| Rural | 24.55 | 28.07 | 26.28 | .669 | .000*** | 12.17 | 11.60 | 11.35 | .765 | .001** |
| Township | 21.00 | 24.01 | 31.65 | .051 | .062 | 9.48 | 11.64 | 15.12 | .069 | .031* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 22.36 | 22.56 | 22.77 | .906 | .000*** | 11.98 | 10.84 | 10.70 | .587 | .001** |
| Medium | 18.50 | 22.71 | 32.47 | .000*** | .161 | 10.42 | 12.10 | 15.01 | .046* | .094 |
| Large | 27.16 | 33.96 | 37.35 | .002** | Referent | 13.91 | 13.49 | 19.26 | .029* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 24.33 | 31.04 | 52.63 | .000*** | Referent | 11.69 | 14.70 | 32.37 | .000*** | Referent |
| Midwest | 21.55 | 18.47 | 29.71 | .035* | .000*** | 11.67 | 9.51 | 14.69 | .237 | .000*** |
| South | 27.18 | 34.15 | 27.34 | .960 | .000*** | 13.13 | 14.02 | 11.90 | .606 | .000*** |
| Northeast | 14.65 | 28.64 | 33.74 | .000*** | .001** | 11.97 | 10.99 | 12.59 | .851 | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 18.42 | 24.67 | 23.21 | .099 | Referent | 7.12 | 7.79 | 8.58 | .442 | Referent |
| Maj. African-American (≥50%) | 25.20 | 53.69 | 24.45 | .921 | .812 | 9.24 | 29.18 | 12.62 | .568 | .324 |
| Maj. Hispanic/Latino (≥50%) | 22.35 | 37.81 | 31.84 | .113 | .046* | 6.46 | 13.94 | 24.66 | .000*** | .000*** |
| Mixed | 22.10 | 25.39 | 23.00 | .830 | .955 | 10.18 | 10.20 | 10.23 | .989 | .543 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 19.25 | 26.51 | 22.81 | .340 | Referent | 6.36 | 10.40 | 9.24 | .188 | Referent |
| Mid FRL (Middle SES) | 18.07 | 27.14 | 22.53 | .234 | .946 | 7.54 | 10.03 | 9.08 | .530 | .948 |
| High FRL (Low SES) | 23.77 | 36.16 | 27.60 | .330 | .206 | 9.71 | 15.22 | 17.25 | .015* | .006** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 22.62 | 37.15 | 24.71 | .635 | Referent | 9.94 | 17.58 | 16.40 | .054 | Referent |
| Suburb | 18.87 | 29.03 | 26.14 | .035* | .712 | 5.41 | 8.48 | 10.77 | .025* | .087 |
| Rural | 19.43 | 26.29 | 21.28 | .667 | .421 | 8.65 | 11.69 | 9.07 | .890 | .028* |
| Township | 22.07 | 20.89 | 25.39 | .584 | .888 | 9.84 | 7.28 | 12.95 | .460 | .389 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 20.74 | 26.50 | 21.82 | .793 | .461 | 8.45 | 9.16 | 7.05 | .608 | .004** |
| Medium | 19.88 | 29.95 | 28.05 | .019* | .225 | 8.70 | 11.83 | 9.62 | .708 | .058 |
| Large | 20.99 | 31.94 | 24.27 | .307 | Referent | 7.25 | 13.22 | 14.21 | .002** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.35 | 36.73 | 35.12 | .491 | Referent | 15.21 | 15.02 | 24.39 | .029* | Referent |
| Midwest | 16.63 | 33.51 | 22.58 | .111 | .009** | 5.12 | 12.77 | 8.01 | .197 | .000*** |
| South | 17.88 | 22.06 | 17.67 | .952 | .000*** | 7.34 | 10.07 | 9.63 | .390 | .000*** |
| Northeast | 16.73 | 36.76 | 30.48 | .001** | .327 | 3.37 | 12.02 | 7.43 | .103 | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.74 | 47.11 | 50.32 | .000*** | Referent | 27.46 | 33.81 | 35.75 | .000*** | Referent |
| Maj. African-American (≥50%) | 44.60 | 47.00 | 57.48 | .011* | .022* | 28.09 | 36.65 | 41.75 | .001** | .040* |
| Maj. Hispanic/Latino (≥50%) | 27.97 | 50.02 | 55.20 | .000*** | .091 | 22.13 | 41.83 | 45.17 | .000*** | .000*** |
| Mixed | 38.42 | 49.68 | 47.45 | .004** | .246 | 27.84 | 36.51 | 35.99 | .002** | .909 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.68 | 44.36 | 46.37 | .000*** | Referent | 25.64 | 32.31 | 33.70 | .000*** | Referent |
| Mid FRL (Middle SES) | 41.40 | 49.76 | 50.05 | .001** | .158 | 28.49 | 36.90 | 36.92 | .000*** | .139 |
| High FRL (Low SES) | 36.62 | 49.92 | 53.99 | .000*** | .004** | 26.19 | 38.40 | 42.03 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 36.64 | 50.05 | 54.66 | .000*** | Referent | 26.32 | 39.44 | 41.85 | .000*** | Referent |
| Suburb | 36.16 | 47.14 | 49.45 | .000*** | .053 | 25.74 | 34.09 | 37.50 | .000*** | .076 |
| Rural | 41.44 | 46.66 | 45.74 | .228 | .003** | 29.12 | 34.47 | 33.20 | .154 | .001** |
| Township | 40.56 | 50.28 | 51.41 | .013* | .319 | 27.29 | 36.18 | 36.64 | .004** | .065 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.44 | 45.04 | 43.94 | .018* | .001** | 25.59 | 33.59 | 29.28 | .131 | .000*** |
| Medium | 36.14 | 48.01 | 50.42 | .000*** | .540 | 24.22 | 32.63 | 35.41 | .000*** | .014* |
| Large | 39.92 | 49.40 | 51.79 | .000*** | Referent | 29.32 | 38.77 | 40.16 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.39 | 53.87 | 60.65 | .000*** | Referent | 29.88 | 41.49 | 48.46 | .000*** | Referent |
| Midwest | 40.34 | 49.20 | 53.01 | .000*** | .004** | 27.46 | 34.29 | 33.82 | .008** | .000*** |
| South | 39.83 | 45.73 | 43.74 | .144 | .000*** | 29.17 | 35.39 | 34.76 | .010* | .000*** |
| Northeast | 27.63 | 45.28 | 50.51 | .000*** | .002** | 16.76 | 33.34 | 36.21 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 11.48 | 13.78 | .048* | Referent | -- | 8.88 | 11.97 | .002** | Referent |
| Maj. African-American (≥50%) | -- | 16.95 | 16.77 | .952 | .125 | -- | 15.09 | 14.95 | .961 | .093 |
| Maj. Hispanic/Latino (≥50%) | -- | 17.41 | 27.29 | .015* | .000*** | -- | 15.15 | 23.23 | .029* | .000*** |
| Mixed | -- | 15.71 | 15.51 | .931 | .332 | -- | 14.05 | 13.49 | .782 | .337 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.74 | 14.23 | .041* | Referent | -- | 8.61 | 12.53 | .010* | Referent |
| Mid FRL (Middle SES) | -- | 13.06 | 16.21 | .139 | .354 | -- | 10.94 | 13.97 | .107 | .444 |
| High FRL (Low SES) | -- | 16.87 | 19.83 | .182 | .011* | -- | 14.53 | 17.14 | .201 | .016* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 15.56 | 19.50 | .104 | Referent | -- | 14.63 | 17.90 | .156 | Referent |
| Suburb | -- | 12.79 | 16.58 | .046* | .230 | -- | 9.96 | 13.86 | .017* | .060 |
| Rural | -- | 14.88 | 13.61 | .537 | .016* | -- | 11.44 | 11.54 | .953 | .004** |
| Township | -- | 14.19 | 17.99 | .201 | .598 | -- | 12.45 | 14.89 | .354 | .233 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 10.46 | 12.37 | .238 | .002** | -- | 8.06 | 11.03 | .041* | .006** |
| Medium | -- | 13.91 | 18.53 | .018* | .564 | -- | 11.26 | 15.87 | .009** | .657 |
| Large | -- | 15.12 | 17.47 | .142 | Referent | -- | 13.17 | 15.13 | .175 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 20.67 | 30.82 | .006** | Referent | -- | 18.19 | 26.14 | .018* | Referent |
| Midwest | -- | 11.32 | 15.20 | .006** | .000*** | -- | 9.63 | 14.34 | .000*** | .000*** |
| South | -- | 11.84 | 9.75 | .170 | .000*** | -- | 10.17 | 8.73 | .286 | .000*** |
| Northeast | -- | 14.64 | 17.94 | .070 | .000*** | -- | 10.98 | 14.01 | .094 | .000*** |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table D-3. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, Student Weighted, Middle School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|-------------|------------------------------|---------|---------|-------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† |
| Overall Score | 35.49 | 47.57 | 50.03 | .000*** | 19.34 | 27.41 | 29.59 | .000*** |
| Nutrition Education | 46.85 | 59.62 | 63.20 | .000*** | 31.04 | 39.79 | 40.93 | .000*** |
| School Meals | 35.24 | 48.17 | 51.18 | .000*** | 19.13 | 26.04 | 27.49 | .000*** |
| Competitive Foods & Beverages | 40.67 | 53.19 | 55.42 | .000*** | 11.50 | 21.54 | 22.93 | .000*** |
| Physical Education | 30.12 | 42.24 | 44.76 | .000*** | 18.45 | 26.34 | 28.88 | .000*** |
| Physical Activity | 37.02 | 48.57 | 52.48 | .000*** | 23.34 | 30.61 | 34.80 | .000*** |
| Communication & Stakeholders | 32.98 | 46.76 | 48.25 | .000*** | 19.43 | 26.75 | 31.31 | .000*** |
| Staff Wellness | 22.34 | 29.77 | 34.69 | .000*** | 11.95 | 13.05 | 17.05 | .003** |
| Marketing & Promotion | 19.61 | 28.36 | 24.94 | .024* | 7.69 | 10.90 | 11.86 | .011* |
| Evaluation & Implementation | 36.67 | 49.05 | 50.27 | .000*** | 25.78 | 36.32 | 37.85 | .000*** |
| Reporting Requirements | -- | 14.21 | 16.88 | .030* | -- | 11.96 | 14.62 | .017* |

| SCORES BY DISTRICT CHARACTERISTICS | | | | | | | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 37.02 | 43.63 | 44.69 | .000*** | Referent | 20.30 | 24.97 | 25.62 | .000*** | Referent |
| Maj. African-American (≥50%) | 41.64 | 51.25 | 54.44 | .005** | .000*** | 20.92 | 30.23 | 33.26 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 26.28 | 55.65 | 62.03 | .000*** | .000*** | 14.06 | 31.85 | 38.57 | .000*** | .000*** |
| Mixed | 36.92 | 48.07 | 48.82 | .000*** | .032* | 20.60 | 27.83 | 28.58 | .000*** | .039* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.55 | 44.03 | 45.85 | .000*** | Referent | 19.26 | 25.00 | 26.20 | .000*** | Referent |
| Mid FRL (Middle SES) | 37.50 | 46.83 | 48.30 | .000*** | .263 | 20.71 | 27.01 | 27.77 | .000*** | .316 |
| High FRL (Low SES) | 33.82 | 51.24 | 54.51 | .000*** | .000*** | 18.28 | 29.82 | 33.47 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.53 | 52.26 | 57.33 | .000*** | Referent | 17.26 | 30.39 | 35.04 | .000*** | Referent |
| Suburb | 36.89 | 45.72 | 48.71 | .000*** | .000*** | 20.47 | 26.58 | 28.42 | .000*** | .000*** |
| Rural | 38.17 | 46.35 | 43.50 | .060 | .000*** | 20.86 | 26.09 | 24.57 | .048* | .000*** |
| Township | 34.97 | 42.85 | 45.24 | .009** | .000*** | 19.10 | 24.34 | 26.84 | .003** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.93 | 44.31 | 40.65 | .031* | .000*** | 19.92 | 24.88 | 22.34 | .161 | .000*** |
| Medium | 35.15 | 44.09 | 47.82 | .000*** | .017* | 19.17 | 25.60 | 28.02 | .000*** | .025* |
| Large | 35.98 | 50.62 | 52.11 | .000*** | Referent | 19.22 | 29.27 | 31.15 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 40.44 | 52.22 | 61.63 | .000*** | Referent | 21.77 | 31.67 | 39.98 | .000*** | Referent |
| Midwest | 34.61 | 42.13 | 41.98 | .001** | .000*** | 18.73 | 23.93 | 24.45 | .000*** | .000*** |
| South | 38.44 | 47.14 | 46.49 | .000*** | .000*** | 20.58 | 26.24 | 25.72 | .000*** | .000*** |
| Northeast | 25.66 | 48.62 | 53.21 | .000*** | .003** | 15.08 | 28.25 | 31.41 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 49.55 | 57.95 | 59.30 | .000*** | Referent | 32.73 | 40.29 | 36.44 | .054 | Referent |
| Maj. African-American (≥50%) | 47.81 | 63.04 | 67.61 | .001** | .024* | 31.98 | 45.86 | 50.17 | .001** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 37.28 | 68.43 | 71.65 | .001** | .000*** | 25.20 | 43.49 | 47.35 | .003** | .000*** |
| Mixed | 47.91 | 57.02 | 62.22 | .000*** | .243 | 31.47 | 35.95 | 40.43 | .001** | .071 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 47.58 | 55.40 | 61.47 | .000*** | Referent | 30.99 | 37.49 | 38.90 | .003** | Referent |
| Mid FRL (Middle SES) | 50.42 | 60.14 | 61.20 | .000*** | .932 | 32.70 | 40.00 | 38.52 | .027* | .885 |
| High FRL (Low SES) | 43.41 | 62.98 | 66.24 | .000*** | .072 | 29.73 | 41.75 | 44.74 | .000*** | .012* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 44.23 | 60.54 | 68.83 | .000*** | Referent | 27.60 | 37.24 | 45.91 | .000*** | Referent |
| Suburb | 48.87 | 59.00 | 64.13 | .000*** | .048* | 34.35 | 43.05 | 41.02 | .005** | .046* |
| Rural | 49.34 | 61.42 | 57.43 | .033* | .000*** | 32.70 | 39.88 | 36.18 | .356 | .004** |
| Township | 44.21 | 55.50 | 53.96 | .053 | .000*** | 28.13 | 35.81 | 34.74 | .090 | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 45.25 | 57.80 | 53.52 | .020* | .000*** | 32.10 | 36.99 | 33.39 | .666 | .000*** |
| Medium | 46.75 | 57.77 | 58.23 | .000*** | .000*** | 30.78 | 40.96 | 37.62 | .005** | .008** |
| Large | 47.61 | 61.40 | 66.24 | .000*** | Referent | 30.79 | 40.09 | 43.11 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 53.31 | 59.05 | 69.50 | .000*** | Referent | 38.15 | 41.72 | 49.16 | .001** | Referent |
| Midwest | 45.30 | 57.46 | 57.74 | .000*** | .000*** | 30.39 | 36.57 | 39.10 | .001** | .000*** |
| South | 52.18 | 61.40 | 63.43 | .000*** | .047* | 31.09 | 39.01 | 37.17 | .017* | .000*** |
| Northeast | 31.78 | 59.12 | 60.72 | .000*** | .002** | 23.91 | 42.79 | 41.08 | .004** | .004** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 36.95 | 41.87 | 44.17 | .001** | Referent | 20.53 | 24.12 | 23.52 | .050 | Referent |
| Maj. African-American (≥50%) | 42.54 | 52.58 | 56.65 | .011* | .000*** | 21.25 | 30.73 | 34.42 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 27.05 | 61.19 | 66.05 | .000*** | .000*** | 12.38 | 27.28 | 35.25 | .000*** | .000*** |
| Mixed | 35.27 | 49.29 | 50.07 | .000*** | .027* | 20.40 | 26.69 | 26.35 | .002** | .118 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.08 | 42.86 | 47.60 | .000*** | Referent | 19.64 | 23.89 | 25.41 | .004** | Referent |
| Mid FRL (Middle SES) | 35.80 | 46.15 | 48.97 | .000*** | .643 | 21.11 | 27.40 | 25.83 | .016* | .836 |
| High FRL (Low SES) | 34.21 | 54.37 | 55.61 | .000*** | .003** | 17.14 | 26.61 | 30.51 | .000*** | .008** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.53 | 55.14 | 59.18 | .000*** | Referent | 16.84 | 28.66 | 33.58 | .000*** | Referent |
| Suburb | 36.12 | 42.95 | 48.06 | .000*** | .000*** | 21.04 | 25.32 | 25.34 | .015* | .000*** |
| Rural | 37.74 | 50.34 | 48.80 | .003** | .001** | 20.27 | 24.78 | 24.19 | .114 | .000*** |
| Township | 35.76 | 41.49 | 45.08 | .046* | .000*** | 17.94 | 23.49 | 24.12 | .038* | .001** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.87 | 46.12 | 41.53 | .077 | .000*** | 20.62 | 23.78 | 21.36 | .720 | .000*** |
| Medium | 34.82 | 42.69 | 48.71 | .000*** | .065 | 18.38 | 24.36 | 27.11 | .000*** | .467 |
| Large | 35.30 | 51.96 | 53.38 | .000*** | Referent | 19.10 | 27.75 | 28.50 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 37.56 | 51.04 | 59.36 | .000*** | Referent | 21.45 | 28.75 | 35.22 | .000*** | Referent |
| Midwest | 34.65 | 39.16 | 39.62 | .094 | .000*** | 19.23 | 22.66 | 23.17 | .027* | .000*** |
| South | 39.58 | 51.62 | 53.34 | .000*** | .096 | 19.31 | 24.73 | 23.61 | .018* | .000*** |
| Northeast | 25.46 | 47.39 | 49.32 | .000*** | .005** | 16.20 | 29.34 | 32.24 | .000*** | .245 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 40.89 | 49.66 | 49.68 | .000*** | Referent | 10.55 | 16.16 | 17.98 | .000*** | Referent |
| Maj. African-American (≥50%) | 46.12 | 54.79 | 57.28 | .034* | .009** | 11.57 | 20.77 | 23.50 | .003** | .124 |
| Maj. Hispanic/Latino (≥50%) | 32.27 | 58.49 | 68.63 | .000*** | .000*** | 11.31 | 29.56 | 35.98 | .000*** | .000*** |
| Mixed | 44.33 | 54.91 | 54.59 | .001** | .055 | 13.47 | 25.04 | 21.68 | .000*** | .076 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 42.68 | 51.40 | 52.13 | .002** | Referent | 11.56 | 19.61 | 17.65 | .001** | Referent |
| Mid FRL (Middle SES) | 41.73 | 51.92 | 54.17 | .000*** | .453 | 11.37 | 19.12 | 20.91 | .000*** | .125 |
| High FRL (Low SES) | 38.39 | 55.91 | 59.12 | .000*** | .007** | 11.60 | 25.37 | 28.25 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 39.20 | 57.95 | 62.67 | .000*** | Referent | 12.24 | 29.71 | 30.68 | .000*** | Referent |
| Suburb | 42.26 | 52.53 | 54.62 | .000*** | .002** | 11.61 | 18.19 | 20.75 | .000*** | .000*** |
| Rural | 41.12 | 51.57 | 49.45 | .017* | .000*** | 9.74 | 18.25 | 16.06 | .001** | .000*** |
| Township | 39.37 | 44.93 | 48.26 | .047* | .000*** | 12.01 | 16.04 | 20.43 | .003** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 39.48 | 50.83 | 44.88 | .091 | .000*** | 10.46 | 16.86 | 13.63 | .063 | .000*** |
| Medium | 38.89 | 47.90 | 52.21 | .000*** | .009** | 11.89 | 18.05 | 20.48 | .000*** | .015* |
| Large | 42.58 | 56.93 | 58.00 | .001** | Referent | 11.64 | 25.00 | 25.08 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 47.57 | 56.19 | 62.26 | .000*** | Referent | 14.94 | 32.35 | 36.39 | .000*** | Referent |
| Midwest | 38.20 | 43.72 | 41.37 | .296 | .000*** | 8.03 | 13.36 | 13.13 | .002** | .000*** |
| South | 44.18 | 54.72 | 56.19 | .000*** | .047* | 11.59 | 18.85 | 18.92 | .000*** | .000*** |
| Northeast | 29.41 | 57.19 | 62.82 | .000*** | .846 | 11.22 | 22.15 | 27.08 | .000*** | .004** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 30.90 | 36.94 | 36.68 | .014* | Referent | 19.91 | 24.57 | 24.35 | .005** | Referent |
| Maj. African-American (≥50%) | 40.78 | 49.45 | 54.58 | .017* | .000*** | 21.05 | 30.40 | 34.79 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 18.61 | 50.27 | 58.69 | .000*** | .000*** | 10.57 | 28.11 | 35.36 | .000*** | .000*** |
| Mixed | 33.21 | 43.54 | 44.23 | .001** | .010* | 20.26 | 26.72 | 29.12 | .000*** | .016* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 28.67 | 38.13 | 38.04 | .002** | Referent | 18.17 | 24.41 | 26.01 | .000*** | Referent |
| Mid FRL (Middle SES) | 32.43 | 41.47 | 41.33 | .004** | .326 | 20.33 | 25.73 | 26.53 | .004** | .825 |
| High FRL (Low SES) | 29.32 | 46.39 | 52.98 | .000*** | .000*** | 17.13 | 28.54 | 33.11 | .000*** | .001** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.37 | 47.01 | 54.26 | .000*** | Referent | 14.70 | 27.09 | 33.49 | .000*** | Referent |
| Suburb | 33.36 | 42.41 | 43.92 | .000*** | .002** | 20.70 | 27.88 | 28.72 | .000*** | .036* |
| Rural | 32.29 | 37.65 | 33.25 | .786 | .000*** | 20.09 | 23.93 | 22.46 | .338 | .000*** |
| Township | 27.45 | 37.19 | 39.73 | .010* | .000*** | 19.16 | 23.73 | 26.76 | .027* | .024* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 28.13 | 36.56 | 33.93 | .063 | .000*** | 19.29 | 24.66 | 22.70 | .125 | .000*** |
| Medium | 31.04 | 39.66 | 41.99 | .000*** | .037* | 19.64 | 26.37 | 29.09 | .000*** | .728 |
| Large | 30.25 | 45.57 | 47.24 | .000*** | Referent | 17.18 | 26.90 | 29.71 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 34.46 | 51.62 | 63.13 | .000*** | Referent | 18.31 | 30.66 | 39.89 | .000*** | Referent |
| Midwest | 28.70 | 37.32 | 36.38 | .006** | .000*** | 19.76 | 26.16 | 26.14 | .002** | .000*** |
| South | 31.51 | 39.10 | 37.46 | .033* | .000*** | 18.94 | 23.04 | 22.65 | .046* | .000*** |
| Northeast | 24.39 | 41.88 | 48.24 | .000*** | .000*** | 16.39 | 27.79 | 32.73 | .000*** | .012* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 40.17 | 46.51 | 46.89 | .007** | Referent | 25.26 | 29.34 | 31.23 | .001** | Referent |
| Maj. African-American (≥50%) | 42.69 | 50.54 | 55.92 | .027* | .009** | 28.07 | 33.99 | 38.91 | .012* | .006** |
| Maj. Hispanic/Latino (≥50%) | 28.86 | 58.33 | 65.64 | .000*** | .000*** | 18.06 | 36.20 | 44.31 | .000*** | .000*** |
| Mixed | 34.77 | 46.41 | 51.19 | .000*** | .142 | 21.78 | 28.90 | 33.06 | .000*** | .352 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 36.59 | 46.26 | 48.61 | .000*** | Referent | 23.75 | 27.49 | 31.49 | .001** | Referent |
| Mid FRL (Middle SES) | 40.75 | 47.70 | 52.57 | .000*** | .226 | 25.23 | 29.98 | 34.32 | .000*** | .202 |
| High FRL (Low SES) | 34.28 | 51.39 | 54.98 | .000*** | .039* | 21.50 | 33.71 | 36.96 | .000*** | .014* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 32.62 | 54.00 | 60.99 | .000*** | Referent | 20.53 | 32.71 | 38.25 | .000*** | Referent |
| Suburb | 36.78 | 43.46 | 49.26 | .000*** | .000*** | 23.02 | 27.83 | 33.58 | .000*** | .034* |
| Rural | 43.69 | 50.55 | 48.14 | .280 | .001** | 28.47 | 33.43 | 32.84 | .136 | .030* |
| Township | 38.47 | 46.34 | 48.10 | .049* | .002** | 23.45 | 28.35 | 33.03 | .003** | .066 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 37.77 | 47.80 | 41.67 | .254 | .000*** | 24.85 | 30.52 | 27.79 | .240 | .000*** |
| Medium | 38.28 | 45.28 | 50.36 | .000*** | .110 | 23.35 | 28.75 | 33.18 | .000*** | .117 |
| Large | 35.72 | 50.70 | 54.73 | .000*** | Referent | 22.71 | 31.67 | 36.35 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 39.70 | 49.14 | 63.91 | .000*** | Referent | 23.60 | 27.60 | 40.58 | .000*** | Referent |
| Midwest | 36.56 | 43.64 | 44.90 | .019* | .000*** | 22.10 | 28.60 | 28.20 | .005** | .000*** |
| South | 40.34 | 48.06 | 47.26 | .018* | .000*** | 27.24 | 33.21 | 34.76 | .001** | .032* |
| Northeast | 28.58 | 55.09 | 59.78 | .000*** | .292 | 17.28 | 31.60 | 35.46 | .000*** | .059 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 34.56 | 41.77 | 41.54 | .025* | Referent | 19.97 | 23.25 | 26.89 | .003** | Referent |
| Maj. African-American (≥50%) | 36.52 | 46.60 | 43.87 | .323 | .685 | 20.95 | 27.45 | 29.25 | .183 | .590 |
| Maj. Hispanic/Latino (≥50%) | 28.69 | 57.95 | 69.86 | .000*** | .000*** | 15.34 | 33.85 | 48.87 | .000*** | .000*** |
| Mixed | 31.77 | 48.22 | 45.85 | .001** | .245 | 20.72 | 27.88 | 28.01 | .020* | .706 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 34.01 | 45.81 | 40.15 | .127 | Referent | 18.35 | 25.33 | 26.26 | .006** | Referent |
| Mid FRL (Middle SES) | 33.60 | 44.39 | 47.25 | .000*** | .082 | 21.42 | 26.66 | 29.15 | .009** | .354 |
| High FRL (Low SES) | 31.77 | 49.56 | 54.11 | .000*** | .000*** | 18.60 | 27.89 | 36.20 | .000*** | .002** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 28.55 | 52.93 | 58.06 | .000*** | Referent | 15.36 | 30.02 | 38.49 | .000*** | Referent |
| Suburb | 32.94 | 43.03 | 45.64 | .001** | .003** | 19.76 | 24.59 | 29.48 | .000*** | .010* |
| Rural | 38.51 | 45.94 | 37.61 | .842 | .000*** | 25.21 | 27.98 | 26.63 | .697 | .001** |
| Township | 35.64 | 43.31 | 47.19 | .058 | .034* | 19.86 | 22.19 | 26.00 | .154 | .003** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 37.03 | 43.74 | 38.78 | .675 | .001** | 23.96 | 24.43 | 23.96 | .999 | .001** |
| Medium | 33.61 | 41.67 | 47.10 | .001** | .403 | 18.14 | 21.12 | 29.75 | .000*** | .278 |
| Large | 30.78 | 50.55 | 50.00 | .000*** | Referent | 18.53 | 30.65 | 32.88 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 41.72 | 57.74 | 69.36 | .000*** | Referent | 18.24 | 26.92 | 42.82 | .000*** | Referent |
| Midwest | 30.04 | 35.33 | 33.18 | .399 | .000*** | 16.84 | 17.79 | 22.09 | .076 | .000*** |
| South | 34.46 | 43.84 | 40.97 | .047* | .000*** | 24.57 | 30.27 | 30.22 | .032* | .003** |
| Northeast | 23.89 | 51.71 | 56.97 | .000*** | .031* | 14.08 | 29.68 | 29.76 | .001** | .005** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 22.64 | 22.89 | 29.34 | .021* | Referent | 13.10 | 11.56 | 15.05 | .398 | Referent |
| Maj. African-American (≥50%) | 30.89 | 32.54 | 29.22 | .822 | .983 | 15.20 | 15.54 | 9.29 | .193 | .076 |
| Maj. Hispanic/Latino (≥50%) | 18.42 | 43.31 | 45.82 | .000*** | .001** | 6.17 | 14.94 | 23.88 | .000*** | .033* |
| Mixed | 21.79 | 31.82 | 36.02 | .000*** | .084 | 12.67 | 13.46 | 17.55 | .119 | .426 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 22.26 | 24.66 | 33.48 | .003** | Referent | 13.10 | 9.84 | 15.76 | .383 | Referent |
| Mid FRL (Middle SES) | 20.26 | 28.87 | 32.67 | .001** | .847 | 10.81 | 12.80 | 15.08 | .062 | .820 |
| High FRL (Low SES) | 24.19 | 35.00 | 37.47 | .003** | .307 | 12.08 | 16.00 | 19.24 | .029* | .321 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 20.28 | 37.17 | 42.62 | .000*** | Referent | 11.23 | 14.16 | 23.76 | .002** | Referent |
| Suburb | 24.23 | 26.81 | 33.24 | .012* | .031* | 13.60 | 13.60 | 15.22 | .518 | .027* |
| Rural | 23.84 | 27.60 | 26.78 | .471 | .000*** | 12.04 | 11.70 | 11.48 | .837 | .002** |
| Township | 20.14 | 22.85 | 30.69 | .046* | .026* | 9.21 | 10.71 | 14.18 | .101 | .018* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 22.36 | 21.13 | 24.30 | .591 | .000*** | 12.35 | 9.88 | 10.81 | .510 | .002** |
| Medium | 18.48 | 22.79 | 33.53 | .000*** | .398 | 10.32 | 12.43 | 15.36 | .042* | .242 |
| Large | 25.36 | 36.62 | 36.57 | .004** | Referent | 13.06 | 14.46 | 18.52 | .040* | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 24.72 | 31.36 | 51.79 | .000*** | Referent | 11.80 | 14.83 | 31.67 | .000*** | Referent |
| Midwest | 21.48 | 21.85 | 29.99 | .028* | .000*** | 11.61 | 11.20 | 14.98 | .187 | .000*** |
| South | 26.65 | 34.27 | 27.32 | .840 | .000*** | 12.98 | 14.21 | 11.20 | .440 | .000*** |
| Northeast | 12.84 | 27.06 | 35.11 | .000*** | .003** | 10.58 | 10.11 | 13.45 | .435 | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 18.53 | 25.38 | 22.95 | .121 | Referent | 7.10 | 8.30 | 8.54 | .442 | Referent |
| Maj. African-American (≥50%) | 22.72 | 35.31 | 24.15 | .845 | .818 | 8.14 | 19.55 | 9.72 | .765 | .748 |
| Maj. Hispanic/Latino (≥50%) | 18.56 | 39.24 | 34.75 | .028* | .015* | 5.58 | 14.26 | 24.70 | .000*** | .000*** |
| Mixed | 21.46 | 25.57 | 22.54 | .796 | .910 | 10.13 | 10.43 | 9.67 | .874 | .672 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 18.77 | 27.05 | 22.31 | .334 | Referent | 5.89 | 10.55 | 9.30 | .111 | Referent |
| Mid FRL (Middle SES) | 17.65 | 27.34 | 22.61 | .178 | .940 | 7.66 | 10.35 | 8.64 | .683 | .789 |
| High FRL (Low SES) | 21.91 | 30.62 | 27.71 | .201 | .157 | 9.05 | 11.78 | 16.07 | .028* | .021* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 19.83 | 30.51 | 26.02 | .221 | Referent | 8.64 | 14.21 | 15.74 | .036* | Referent |
| Suburb | 18.88 | 29.61 | 25.72 | .049* | .942 | 5.78 | 8.85 | 10.28 | .061 | .092 |
| Rural | 19.36 | 26.55 | 21.59 | .599 | .313 | 8.45 | 11.38 | 8.81 | .902 | .034* |
| Township | 21.36 | 21.53 | 24.18 | .638 | .705 | 9.30 | 7.38 | 11.68 | .548 | .288 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 19.85 | 28.43 | 22.17 | .576 | .660 | 7.94 | 9.72 | 7.27 | .806 | .016* |
| Medium | 19.70 | 30.16 | 29.99 | .007** | .071 | 8.46 | 11.86 | 9.67 | .627 | .147 |
| Large | 19.43 | 27.35 | 23.66 | .236 | Referent | 6.98 | 10.75 | 13.24 | .006** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.14 | 36.94 | 35.48 | .441 | Referent | 15.60 | 15.52 | 23.57 | .063 | Referent |
| Midwest | 16.40 | 21.98 | 22.37 | .101 | .008** | 5.04 | 6.37 | 7.72 | .215 | .000*** |
| South | 17.89 | 22.28 | 17.98 | .981 | .000*** | 7.38 | 9.81 | 8.87 | .569 | .000*** |
| Northeast | 13.57 | 37.76 | 31.18 | .000*** | .387 | 2.43 | 12.30 | 7.92 | .020* | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 40.03 | 46.96 | 49.85 | .000*** | Referent | 27.53 | 33.65 | 35.49 | .000*** | Referent |
| Maj. African-American (≥50%) | 40.77 | 51.87 | 57.36 | .002** | .015* | 25.49 | 37.41 | 42.54 | .000*** | .011* |
| Maj. Hispanic/Latino (≥50%) | 23.19 | 51.36 | 54.52 | .000*** | .112 | 18.27 | 42.57 | 44.43 | .000*** | .001** |
| Mixed | 38.16 | 49.92 | 47.21 | .005** | .290 | 27.65 | 36.68 | 36.16 | .002** | .756 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 35.44 | 44.34 | 46.19 | .000*** | Referent | 25.32 | 32.18 | 33.82 | .000*** | Referent |
| Mid FRL (Middle SES) | 41.39 | 50.07 | 49.77 | .002** | .162 | 28.28 | 36.92 | 36.90 | .000*** | .157 |
| High FRL (Low SES) | 33.69 | 51.87 | 53.25 | .000*** | .007** | 24.07 | 39.15 | 41.48 | .000*** | .000*** |

| <i>Locale</i> | | | | | | | | | | | |
|----------------------|-------------------------|-------|-------|-------|---------|----------|-------|-------|-------|---------|----------|
| | Large- to mid-size city | 32.91 | 52.67 | 54.51 | .000*** | Referent | 23.53 | 40.62 | 41.88 | .000*** | Referent |
| | Suburb | 37.11 | 47.31 | 48.94 | .000*** | .042* | 26.26 | 34.11 | 37.20 | .000*** | .053 |
| | Rural | 40.81 | 46.38 | 45.69 | .175 | .003** | 28.61 | 34.17 | 33.24 | .110 | .001** |
| | Township | 38.49 | 49.94 | 50.48 | .008** | .213 | 25.79 | 35.78 | 36.37 | .001** | .049* |
| <i>District Size</i> | | | | | | | | | | | |
| | Small | 35.92 | 45.33 | 44.88 | .005** | .011* | 25.29 | 33.52 | 29.97 | .059 | .000*** |
| | Medium | 36.06 | 47.74 | 49.91 | .000*** | .579 | 24.06 | 32.30 | 35.24 | .000*** | .018* |
| | Large | 37.47 | 50.94 | 51.17 | .001** | Referent | 27.34 | 39.49 | 39.85 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | | |
| | West | 40.91 | 54.83 | 60.41 | .000*** | Referent | 29.89 | 41.60 | 48.10 | .000*** | Referent |
| | Midwest | 39.82 | 51.88 | 51.84 | .000*** | .001** | 27.05 | 34.59 | 33.61 | .007** | .000*** |
| | South | 39.22 | 45.42 | 43.29 | .134 | .000*** | 28.74 | 35.20 | 34.53 | .009** | .000*** |
| | Northeast | 24.19 | 45.30 | 51.33 | .000*** | .006** | 14.64 | 33.29 | 37.16 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|----------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | |
| REPORTING REQUIREMENTS | | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | | |
| | Maj. White (≥66%) | -- | 11.53 | 13.74 | .052 | Referent | -- | 8.89 | 11.93 | .002** | Referent |
| | Maj. African-American (≥50%) | -- | 17.70 | 17.03 | .830 | .094 | -- | 15.67 | 15.08 | .842 | .070 |
| | Maj. Hispanic/Latino (≥50%) | -- | 17.00 | 26.00 | .028* | .000*** | -- | 14.54 | 22.17 | .039* | .001** |
| | Mixed | -- | 15.75 | 15.76 | .998 | .266 | -- | 14.08 | 13.69 | .855 | .272 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | | |
| | Low FRL (High SES) | -- | 10.58 | 14.30 | .031* | Referent | -- | 8.39 | 12.66 | .006** | Referent |
| | Mid FRL (Middle SES) | -- | 13.06 | 16.12 | .142 | .392 | -- | 10.90 | 13.79 | .114 | .545 |
| | High FRL (Low SES) | -- | 17.05 | 19.14 | .356 | .028* | -- | 14.57 | 16.53 | .346 | .045* |
| <i>Locale</i> | | | | | | | | | | | |
| | Large- to mid-size city | -- | 15.37 | 19.16 | .116 | Referent | -- | 14.46 | 17.63 | .165 | Referent |
| | Suburb | -- | 12.74 | 16.15 | .077 | .213 | -- | 9.83 | 13.52 | .026* | .056 |
| | Rural | -- | 14.92 | 13.72 | .558 | .025* | -- | 11.45 | 11.59 | .935 | .006** |
| | Township | -- | 14.35 | 18.02 | .204 | .684 | -- | 12.57 | 14.96 | .352 | .280 |
| <i>District Size</i> | | | | | | | | | | | |
| | Small | -- | 10.68 | 12.93 | .177 | .015* | -- | 8.06 | 11.61 | .015* | .037* |
| | Medium | -- | 13.77 | 18.15 | .023* | .541 | -- | 11.06 | 15.57 | .010* | .613 |
| | Large | -- | 15.03 | 17.03 | .213 | Referent | -- | 13.04 | 14.73 | .241 | Referent |
| <i>Region</i> | | | | | | | | | | | |
| | West | -- | 20.29 | 30.21 | .009** | Referent | -- | 17.67 | 25.61 | .023* | Referent |
| | Midwest | -- | 11.33 | 15.21 | .005** | .000*** | -- | 9.59 | 14.35 | .000*** | .000*** |
| | South | -- | 11.76 | 9.66 | .163 | .000*** | -- | 10.09 | 8.59 | .258 | .000*** |
| | Northeast | -- | 14.90 | 18.35 | .055 | .000*** | -- | 11.09 | 14.42 | .061 | .000*** |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Table D-4. Mean Levels of Comprehensiveness and Strength Scores across Policy Categories by Year and District Characteristics, Student Weighted, High School Level, Selected School Years 2006-07 through 2013-14

| OVERALL SCORES BY WELLNESS POLICY CATEGORY | | | | | | | | |
|--|---------------------------------------|---------|---------|--------------|------------------------------|---------|---------|--------------|
| POLICY CATEGORY | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | STRENGTH SCORES (OUT OF 100) | | | |
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † |
| Overall Score | 34.25 | 46.21 | 49.02 | .000*** | 18.67 | 26.27 | 28.72 | .000*** |
| Nutrition Education | 46.28 | 60.16 | 64.66 | .000*** | 30.42 | 39.33 | 40.73 | .000*** |
| School Meals | 34.27 | 47.39 | 50.58 | .000*** | 18.67 | 25.84 | 27.36 | .000*** |
| Competitive Foods & Beverages | 39.45 | 51.52 | 53.43 | .000*** | 10.28 | 18.05 | 19.67 | .000*** |
| Physical Education | 28.36 | 39.04 | 42.38 | .000*** | 17.86 | 25.02 | 28.09 | .000*** |
| Physical Activity | 35.29 | 47.44 | 51.46 | .000*** | 22.52 | 30.01 | 34.11 | .000*** |
| Communication & Stakeholders | 32.38 | 45.93 | 47.79 | .000*** | 20.06 | 27.34 | 31.54 | .000*** |
| Staff Wellness | 21.91 | 30.08 | 34.83 | .000*** | 12.07 | 12.87 | 16.85 | .006** |
| Marketing & Promotion | 19.05 | 27.22 | 25.56 | .004** | 6.41 | 10.17 | 11.76 | .001** |
| Evaluation & Implementation | 35.87 | 48.76 | 50.40 | .000*** | 25.17 | 36.02 | 38.14 | .000*** |
| Reporting Requirements | -- | 13.29 | 16.49 | .006** | -- | 11.46 | 14.21 | .009** |

SCORES BY DISTRICT CHARACTERISTICS

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| OVERALL SCORE | | | | | | | | | | |
| <i>Race/Ethnicity/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 35.13 | 43.01 | 44.02 | .000*** | Referent | 19.31 | 24.24 | 24.60 | .000*** | Referent |
| Maj. African-American (≥50%) | 41.05 | 49.00 | 54.42 | .005** | .000*** | 20.93 | 28.62 | 33.18 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 30.13 | 54.63 | 62.30 | .000*** | .000*** | 15.99 | 30.97 | 39.11 | .000*** | .000*** |
| Mixed | 32.99 | 46.47 | 47.58 | .000*** | .067 | 18.27 | 26.51 | 27.74 | .000*** | .028* |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 32.81 | 43.83 | 45.24 | .000*** | Referent | 18.01 | 24.52 | 25.27 | .000*** | Referent |
| Mid FRL (Middle SES) | 36.87 | 45.49 | 47.33 | .000*** | .342 | 20.21 | 26.07 | 26.95 | .000*** | .272 |
| High FRL (Low SES) | 34.29 | 49.38 | 53.75 | .000*** | .000*** | 18.47 | 28.19 | 33.09 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 31.72 | 50.65 | 56.18 | .000*** | Referent | 16.72 | 28.98 | 34.53 | .000*** | Referent |
| Suburb | 34.95 | 45.05 | 48.07 | .000*** | .000*** | 19.36 | 25.89 | 27.76 | .000*** | .000*** |
| Rural | 35.94 | 44.25 | 41.71 | .053 | .000*** | 19.73 | 24.57 | 23.26 | .074 | .000*** |
| Township | 35.13 | 40.96 | 45.44 | .003** | .000*** | 19.24 | 22.96 | 25.78 | .008** | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 34.73 | 42.19 | 39.33 | .095 | .000*** | 19.88 | 23.23 | 21.56 | .344 | .000*** |
| Medium | 32.92 | 43.05 | 46.52 | .000*** | .010* | 18.11 | 24.63 | 26.82 | .000*** | .018* |
| Large | 36.40 | 49.26 | 51.25 | .000*** | Referent | 19.27 | 28.16 | 30.38 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.30 | 52.69 | 60.67 | .000*** | Referent | 18.63 | 31.72 | 38.81 | .000*** | Referent |
| Midwest | 32.95 | 40.77 | 41.97 | .001** | .000*** | 18.07 | 22.41 | 24.07 | .000*** | .000*** |
| South | 37.21 | 45.54 | 44.89 | .000*** | .000*** | 19.97 | 25.13 | 24.60 | .000*** | .000*** |
| Northeast | 28.91 | 46.84 | 52.98 | .000*** | .007** | 17.04 | 27.17 | 31.56 | .000*** | .002** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|------------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| NUTRITION EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 47.97 | 59.18 | 61.35 | .000*** | Referent | 31.55 | 40.59 | 36.16 | .029* | Referent |
| Maj. African-American (≥50%) | 51.01 | 64.92 | 75.50 | .000*** | .000*** | 31.55 | 44.89 | 50.77 | .001** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 41.73 | 68.12 | 71.79 | .000*** | .000*** | 28.19 | 43.77 | 49.74 | .001** | .000*** |
| Mixed | 44.24 | 57.24 | 62.85 | .000*** | .555 | 29.15 | 34.62 | 39.62 | .002** | .122 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 44.73 | 56.51 | 62.25 | .000*** | Referent | 29.08 | 37.39 | 38.27 | .003** | Referent |
| Mid FRL (Middle SES) | 51.12 | 61.04 | 62.77 | .000*** | .869 | 33.66 | 40.04 | 38.19 | .097 | .975 |
| High FRL (Low SES) | 45.14 | 62.99 | 68.54 | .000*** | .023* | 30.03 | 40.58 | 44.93 | .000*** | .006** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 44.83 | 60.18 | 69.80 | .000*** | Referent | 26.85 | 35.64 | 46.59 | .000*** | Referent |
| Suburb | 46.31 | 60.31 | 65.66 | .000*** | .106 | 32.32 | 43.05 | 40.85 | .003** | .024* |
| Rural | 47.37 | 61.76 | 58.69 | .004** | .000*** | 31.10 | 39.71 | 35.47 | .240 | .001** |
| Township | 47.70 | 56.36 | 57.57 | .045* | .000*** | 31.31 | 36.86 | 33.90 | .529 | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 46.17 | 56.51 | 54.36 | .033* | .000*** | 33.34 | 35.48 | 33.63 | .929 | .000*** |
| Medium | 44.00 | 60.20 | 59.44 | .000*** | .000*** | 29.01 | 42.87 | 37.52 | .003** | .013* |
| Large | 49.94 | 61.49 | 67.91 | .000*** | Referent | 31.43 | 38.83 | 42.83 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 47.71 | 59.74 | 69.84 | .000*** | Referent | 34.20 | 42.25 | 48.71 | .001** | Referent |
| Midwest | 43.03 | 57.88 | 59.08 | .000*** | .000*** | 28.70 | 37.40 | 39.41 | .000*** | .002** |
| South | 52.96 | 63.42 | 65.86 | .000*** | .195 | 30.27 | 38.42 | 36.70 | .010* | .000*** |
| Northeast | 35.87 | 56.32 | 61.80 | .000*** | .004** | 27.66 | 40.28 | 41.84 | .003** | .023* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| SCHOOL MEALS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 34.95 | 42.54 | 44.36 | .000*** | Referent | 19.86 | 24.54 | 23.95 | .010* | Referent |
| Maj. African-American (≥50%) | 43.26 | 50.94 | 56.76 | .022* | .000*** | 21.55 | 29.63 | 35.19 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 31.04 | 59.92 | 66.06 | .000*** | .000*** | 14.36 | 26.68 | 34.93 | .000*** | .000*** |
| Mixed | 32.35 | 48.06 | 49.33 | .000*** | .065 | 17.93 | 26.20 | 26.11 | .000*** | .237 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 33.46 | 43.96 | 46.15 | .000*** | Referent | 18.52 | 24.61 | 25.18 | .003** | Referent |
| Mid FRL (Middle SES) | 35.44 | 45.19 | 49.14 | .000*** | .314 | 20.39 | 26.81 | 26.25 | .003** | .604 |
| High FRL (Low SES) | 35.56 | 53.06 | 55.47 | .000*** | .001** | 17.73 | 26.10 | 30.26 | .000*** | .009** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 31.63 | 54.47 | 57.98 | .000*** | Referent | 16.57 | 28.87 | 33.51 | .000*** | Referent |
| Suburb | 34.64 | 42.66 | 47.85 | .000*** | .000*** | 19.79 | 25.32 | 25.25 | .007** | .000*** |
| Rural | 37.43 | 48.52 | 48.85 | .003** | .004** | 20.13 | 23.55 | 24.36 | .097 | .000*** |
| Township | 34.25 | 40.22 | 44.77 | .025* | .001** | 17.74 | 23.31 | 24.14 | .028* | .001** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 35.58 | 45.47 | 41.70 | .077 | .000*** | 20.69 | 22.95 | 21.95 | .566 | .000*** |
| Medium | 32.09 | 41.54 | 46.89 | .000*** | .021* | 17.10 | 24.38 | 26.11 | .000*** | .202 |
| Large | 36.81 | 51.16 | 53.10 | .000*** | Referent | 19.83 | 27.60 | 28.56 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 31.38 | 49.19 | 56.35 | .000*** | Referent | 17.75 | 28.86 | 34.42 | .000*** | Referent |
| Midwest | 33.33 | 38.78 | 40.94 | .023* | .000*** | 18.95 | 22.61 | 23.88 | .016* | .000*** |
| South | 39.81 | 51.37 | 52.95 | .000*** | .370 | 19.45 | 24.64 | 23.32 | .032* | .000*** |
| Northeast | 29.01 | 47.21 | 49.35 | .000*** | .065 | 18.13 | 28.94 | 32.71 | .000*** | .528 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMPETITIVE FOODS AND BEVERAGES | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 39.26 | 48.15 | 46.62 | .006** | Referent | 9.64 | 12.92 | 13.32 | .008** | Referent |
| Maj. African-American (≥50%) | 45.80 | 52.75 | 56.28 | .055 | .002** | 11.80 | 17.37 | 20.50 | .019* | .025* |
| Maj. Hispanic/Latino (≥50%) | 36.47 | 57.77 | 68.45 | .000*** | .000*** | 11.49 | 26.82 | 34.00 | .000*** | .000*** |
| Mixed | 39.72 | 53.22 | 53.65 | .001** | .013* | 10.47 | 21.59 | 20.14 | .000*** | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 39.75 | 51.50 | 51.90 | .001** | Referent | 10.73 | 18.08 | 15.35 | .021* | Referent |
| Mid FRL (Middle SES) | 41.46 | 49.51 | 52.23 | .000*** | .913 | 9.97 | 15.42 | 18.07 | .000*** | .200 |
| High FRL (Low SES) | 38.63 | 54.11 | 56.52 | .000*** | .095 | 10.71 | 20.92 | 25.08 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 38.14 | 55.87 | 60.39 | .000*** | Referent | 10.54 | 25.41 | 27.66 | .000*** | Referent |
| Suburb | 40.25 | 51.70 | 53.42 | .000*** | .015* | 10.64 | 15.95 | 18.00 | .000*** | .000*** |
| Rural | 39.25 | 49.61 | 46.19 | .071 | .000*** | 9.17 | 14.14 | 13.51 | .018* | .000*** |
| Township | 40.12 | 42.02 | 47.12 | .134 | .000*** | 10.22 | 11.34 | 15.00 | .080 | .000*** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 40.22 | 48.23 | 41.64 | .674 | .000*** | 9.85 | 12.80 | 11.19 | .423 | .000*** |
| Medium | 36.27 | 46.73 | 49.47 | .000*** | .006** | 10.38 | 13.36 | 16.59 | .003** | .009** |
| Large | 43.32 | 55.20 | 56.45 | .000*** | Referent | 10.72 | 22.21 | 21.93 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 41.51 | 57.24 | 61.09 | .000*** | Referent | 10.46 | 29.72 | 32.72 | .000*** | Referent |
| Midwest | 37.04 | 41.61 | 41.17 | .241 | .000*** | 7.58 | 7.96 | 9.79 | .167 | .000*** |
| South | 42.44 | 52.23 | 52.27 | .001** | .009** | 10.44 | 15.84 | 15.10 | .001** | .000*** |
| Northeast | 34.05 | 55.55 | 62.24 | .000*** | .709 | 13.15 | 21.80 | 26.60 | .000*** | .092 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL EDUCATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 28.50 | 34.43 | 34.49 | .012* | Referent | 18.85 | 23.27 | 22.92 | .014* | Referent |
| Maj. African-American (≥50%) | 36.79 | 43.79 | 51.11 | .012* | .000*** | 20.56 | 28.90 | 35.90 | .000*** | .000*** |
| Maj. Hispanic/Latino (≥50%) | 23.44 | 48.23 | 60.59 | .000*** | .000*** | 12.18 | 26.72 | 36.62 | .000*** | .000*** |
| Mixed | 28.48 | 40.33 | 41.18 | .000*** | .025* | 18.25 | 25.60 | 28.25 | .000*** | .009** |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 26.06 | 35.68 | 35.80 | .004** | Referent | 16.73 | 22.91 | 24.05 | .001** | Referent |
| Mid FRL (Middle SES) | 30.57 | 38.78 | 38.78 | .006** | .378 | 20.05 | 25.18 | 25.82 | .008** | .449 |
| High FRL (Low SES) | 29.04 | 42.49 | 51.19 | .000*** | .000*** | 16.97 | 26.81 | 33.51 | .000*** | .000*** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 25.42 | 43.61 | 52.26 | .000*** | Referent | 14.71 | 25.87 | 33.59 | .000*** | Referent |
| Suburb | 31.19 | 40.05 | 41.94 | .001** | .003** | 19.45 | 26.76 | 28.07 | .000*** | .026* |
| Rural | 27.30 | 33.56 | 29.64 | .492 | .000*** | 17.71 | 22.43 | 20.39 | .282 | .000*** |
| Township | 27.65 | 33.28 | 38.13 | .017* | .000*** | 20.01 | 21.88 | 25.80 | .101 | .011* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 26.55 | 31.77 | 30.92 | .179 | .000*** | 18.33 | 22.24 | 21.24 | .227 | .000*** |
| Medium | 29.18 | 36.67 | 39.52 | .001** | .041* | 19.09 | 25.39 | 27.67 | .000*** | .451 |
| Large | 29.39 | 42.71 | 44.98 | .000*** | Referent | 17.15 | 25.79 | 29.20 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 32.73 | 53.53 | 63.15 | .000*** | Referent | 17.67 | 32.14 | 39.55 | .000*** | Referent |
| Midwest | 26.24 | 34.06 | 34.31 | .005** | .000*** | 18.49 | 23.86 | 25.23 | .003** | .000*** |
| South | 27.59 | 34.62 | 33.90 | .016* | .000*** | 17.70 | 21.93 | 21.81 | .031* | .000*** |
| Northeast | 26.49 | 38.08 | 46.22 | .000*** | .000*** | 17.64 | 24.94 | 32.23 | .000*** | .024* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| PHYSICAL ACTIVITY | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 38.35 | 46.83 | 47.34 | .001** | Referent | 24.24 | 29.78 | 31.25 | .000*** | Referent |
| Maj. African-American (≥50%) | 41.74 | 48.71 | 56.03 | .019* | .021* | 27.56 | 32.78 | 39.12 | .009** | .008** |
| Maj. Hispanic/Latino (≥50%) | 30.27 | 58.71 | 64.55 | .000*** | .000*** | 20.25 | 36.30 | 45.61 | .000*** | .000*** |
| Mixed | 30.51 | 43.78 | 49.35 | .000*** | .512 | 19.20 | 27.27 | 31.28 | .000*** | .989 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 34.33 | 46.66 | 48.79 | .000*** | Referent | 22.35 | 27.71 | 31.27 | .001** | Referent |
| Mid FRL (Middle SES) | 39.62 | 46.07 | 51.59 | .000*** | .403 | 24.53 | 29.37 | 33.16 | .000*** | .398 |
| High FRL (Low SES) | 33.82 | 50.00 | 53.67 | .000*** | .125 | 21.80 | 32.94 | 36.86 | .000*** | .015* |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 31.41 | 52.68 | 60.11 | .000*** | Referent | 20.31 | 31.84 | 38.12 | .000*** | Referent |
| Suburb | 33.84 | 43.24 | 48.97 | .000*** | .001** | 21.45 | 27.69 | 33.73 | .000*** | .051 |
| Rural | 42.53 | 47.74 | 44.90 | .582 | .000*** | 27.31 | 32.23 | 29.31 | .500 | .001** |
| Township | 37.62 | 45.58 | 48.39 | .018* | .004** | 23.67 | 27.95 | 32.49 | .006** | .058 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 38.55 | 47.28 | 42.63 | .255 | .000*** | 25.15 | 30.65 | 27.57 | .361 | .000*** |
| Medium | 34.74 | 44.90 | 49.03 | .000*** | .104 | 21.88 | 28.86 | 31.86 | .000*** | .044* |
| Large | 35.55 | 48.95 | 53.53 | .000*** | Referent | 22.71 | 30.48 | 35.80 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 32.85 | 48.35 | 60.57 | .000*** | Referent | 20.82 | 27.81 | 39.03 | .000*** | Referent |
| Midwest | 34.24 | 43.94 | 45.93 | .003** | .000*** | 21.00 | 28.65 | 29.26 | .000*** | .000*** |
| South | 39.39 | 45.88 | 45.97 | .025* | .000*** | 26.34 | 31.46 | 33.29 | .001** | .043* |
| Northeast | 32.30 | 54.08 | 60.44 | .000*** | .975 | 19.63 | 31.03 | 35.87 | .000*** | .270 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 33.11 | 41.72 | 42.45 | .004** | Referent | 19.85 | 23.92 | 27.74 | .001** | Referent |
| Maj. African-American (≥50%) | 36.97 | 43.90 | 43.66 | .375 | .834 | 21.45 | 25.25 | 28.79 | .247 | .816 |
| Maj. Hispanic/Latino (≥50%) | 34.63 | 54.95 | 69.87 | .000*** | .000*** | 20.80 | 36.61 | 50.75 | .000*** | .000*** |
| Mixed | 28.69 | 48.55 | 45.10 | .000*** | .477 | 19.73 | 28.88 | 28.16 | .011* | .888 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 29.52 | 46.83 | 40.81 | .009** | Referent | 17.94 | 26.46 | 26.93 | .004** | Referent |
| Mid FRL (Middle SES) | 34.68 | 43.89 | 46.96 | .002** | .136 | 21.94 | 27.30 | 28.99 | .018* | .519 |
| High FRL (Low SES) | 33.13 | 47.40 | 53.60 | .000*** | .002** | 20.58 | 28.27 | 36.59 | .000*** | .004** |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 26.64 | 52.96 | 57.12 | .000*** | Referent | 16.28 | 31.00 | 38.93 | .000*** | Referent |
| Suburb | 33.26 | 42.29 | 44.99 | .006** | .005** | 20.78 | 24.39 | 29.34 | .004** | .007** |
| Rural | 37.75 | 44.28 | 37.81 | .989 | .000*** | 24.87 | 29.05 | 27.29 | .528 | .002** |
| Township | 34.33 | 40.81 | 48.76 | .010* | .090 | 19.11 | 23.02 | 27.38 | .057 | .006** |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.79 | 42.67 | 39.28 | .571 | .005** | 23.91 | 25.40 | 23.64 | .941 | .001** |
| Medium | 32.90 | 39.35 | 47.00 | .001** | .518 | 19.49 | 21.49 | 30.67 | .000*** | .448 |
| Large | 31.07 | 50.50 | 49.26 | .000*** | Referent | 19.56 | 31.06 | 32.95 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 35.30 | 57.72 | 68.11 | .000*** | Referent | 19.17 | 30.09 | 43.99 | .000*** | Referent |
| Midwest | 30.45 | 34.26 | 32.58 | .621 | .000*** | 17.55 | 17.51 | 22.03 | .160 | .000*** |
| South | 34.49 | 43.66 | 40.67 | .058 | .000*** | 24.57 | 30.07 | 30.09 | .036* | .002** |
| Northeast | 26.86 | 51.60 | 58.36 | .000*** | .089 | 16.03 | 30.25 | 30.68 | .001** | .005** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| STAFF WELLNESS & MODELING | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 20.09 | 23.55 | 30.37 | .001** | Referent | 12.01 | 11.97 | 15.36 | .162 | Referent |
| Maj. African-American (≥50%) | 31.09 | 32.16 | 31.00 | .990 | .912 | 15.65 | 16.06 | 10.53 | .301 | .175 |
| Maj. Hispanic/Latino (≥50%) | 21.56 | 45.73 | 47.81 | .000*** | .001** | 7.65 | 14.41 | 25.40 | .000*** | .027* |
| Mixed | 23.15 | 32.17 | 34.89 | .011* | .249 | 13.55 | 12.61 | 16.21 | .403 | .786 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 19.93 | 26.00 | 33.66 | .000*** | Referent | 12.36 | 10.07 | 14.96 | .413 | Referent |
| Mid FRL (Middle SES) | 22.33 | 29.23 | 32.32 | .016* | .754 | 12.07 | 13.03 | 14.65 | .284 | .918 |
| High FRL (Low SES) | 24.77 | 34.90 | 38.66 | .001** | .218 | 12.67 | 15.32 | 20.21 | .020* | .145 |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 20.43 | 37.36 | 43.02 | .000*** | Referent | 11.38 | 13.73 | 23.87 | .002** | Referent |
| Suburb | 23.44 | 27.09 | 33.48 | .014* | .034* | 13.60 | 13.47 | 14.92 | .621 | .025* |
| Rural | 22.58 | 28.29 | 26.67 | .326 | .000*** | 12.05 | 11.80 | 11.80 | .932 | .002** |
| Township | 19.54 | 22.38 | 31.29 | .021* | .025* | 8.99 | 10.49 | 13.75 | .131 | .018* |
| <i>District Size</i> | | | | | | | | | | |
| Small | 21.44 | 21.46 | 24.14 | .457 | .000*** | 13.45 | 10.01 | 10.99 | .346 | .004** |
| Medium | 16.88 | 22.70 | 32.85 | .000*** | .255 | 9.27 | 11.89 | 14.85 | .024* | .197 |
| Large | 27.41 | 36.77 | 37.01 | .008** | Referent | 14.40 | 14.33 | 18.36 | .125 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 22.44 | 32.97 | 49.84 | .000*** | Referent | 11.01 | 14.93 | 29.39 | .000*** | Referent |
| Midwest | 20.40 | 21.97 | 32.14 | .004** | .002** | 11.69 | 11.09 | 16.09 | .122 | .007** |
| South | 26.75 | 34.32 | 27.61 | .800 | .000*** | 13.22 | 14.17 | 11.37 | .436 | .000*** |
| Northeast | 14.00 | 27.49 | 36.20 | .000*** | .018* | 11.87 | 9.85 | 14.55 | .435 | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| MARKETING AND PROMOTION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 17.87 | 25.17 | 24.60 | .024* | Referent | 5.24 | 7.98 | 8.73 | .050 | Referent |
| Maj. African-American (≥50%) | 23.07 | 34.45 | 25.67 | .731 | .848 | 8.64 | 18.32 | 10.29 | .765 | .679 |
| Maj. Hispanic/Latino (≥50%) | 20.21 | 36.96 | 35.12 | .030* | .031* | 4.75 | 11.32 | 24.91 | .000*** | .000*** |
| Mixed | 19.62 | 24.38 | 22.62 | .479 | .592 | 8.89 | 10.38 | 9.80 | .763 | .689 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 17.98 | 27.42 | 24.05 | .119 | Referent | 3.86 | 10.64 | 9.47 | .005** | Referent |
| Mid FRL (Middle SES) | 18.92 | 25.35 | 22.94 | .284 | .783 | 7.26 | 9.54 | 8.22 | .695 | .602 |
| High FRL (Low SES) | 21.45 | 29.28 | 28.83 | .077 | .232 | 8.25 | 10.53 | 16.63 | .010* | .020* |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 17.85 | 28.75 | 25.40 | .085 | Referent | 6.53 | 13.79 | 14.92 | .008** | Referent |
| Suburb | 19.25 | 30.21 | 26.24 | .058 | .832 | 5.19 | 8.74 | 10.17 | .051 | .152 |
| Rural | 17.63 | 22.72 | 21.93 | .303 | .426 | 6.50 | 9.02 | 9.19 | .310 | .084 |
| Township | 22.99 | 21.74 | 28.58 | .356 | .533 | 9.71 | 6.63 | 13.11 | .415 | .653 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 18.59 | 26.12 | 24.35 | .205 | .982 | 6.81 | 8.27 | 8.97 | .421 | .118 |
| Medium | 19.28 | 29.88 | 29.36 | .006** | .146 | 6.75 | 10.31 | 8.66 | .430 | .066 |
| Large | 19.67 | 26.27 | 24.43 | .152 | Referent | 6.15 | 10.73 | 13.22 | .001** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 27.59 | 33.58 | 34.79 | .201 | Referent | 10.16 | 12.49 | 21.14 | .011* | Referent |
| Midwest | 14.15 | 23.68 | 24.77 | .006** | .049* | 4.89 | 6.67 | 8.38 | .123 | .002** |
| South | 17.63 | 22.13 | 18.57 | .797 | .001** | 6.95 | 9.79 | 9.78 | .292 | .007** |
| Northeast | 16.12 | 35.32 | 31.91 | .001** | .569 | 2.18 | 12.61 | 8.32 | .009** | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|--------------|-------------------------------|------------------------------|---------|---------|--------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff. † | Sig. Diff. w/in Char. '13-'14 |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | 38.91 | 47.49 | 50.66 | .000*** | Referent | 26.38 | 33.82 | 36.25 | .000*** | Referent |
| Maj. African-American (≥50%) | 41.00 | 50.49 | 57.67 | .002** | .023* | 25.90 | 36.26 | 42.46 | .000*** | .034* |
| Maj. Hispanic/Latino (≥50%) | 27.01 | 50.78 | 53.93 | .000*** | .302 | 22.05 | 42.84 | 45.95 | .000*** | .001** |
| Mixed | 33.41 | 49.20 | 47.15 | .000*** | .162 | 24.31 | 36.28 | 35.98 | .000*** | .902 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | 33.22 | 44.41 | 46.57 | .000*** | Referent | 24.03 | 32.06 | 34.20 | .000*** | Referent |
| Mid FRL (Middle SES) | 40.06 | 50.54 | 49.90 | .001** | .203 | 27.12 | 37.08 | 37.13 | .000*** | .189 |
| High FRL (Low SES) | 35.04 | 51.02 | 53.30 | .000*** | .014* | 25.39 | 38.64 | 42.04 | .000*** | .001** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|-------------------------|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | 33.08 | 52.09 | 54.29 | .000*** | Referent | 23.26 | 40.13 | 42.09 | .000*** | Referent |
| Suburb | 35.07 | 47.33 | 49.06 | .000*** | .063 | 25.03 | 34.09 | 37.44 | .000*** | .062 |
| Rural | 39.53 | 46.05 | 45.41 | .121 | .003** | 27.76 | 33.76 | 33.20 | .074 | .001** |
| Township | 39.00 | 49.28 | 52.44 | .001** | .545 | 25.96 | 34.98 | 37.96 | .000*** | .124 |
| <i>District Size</i> | | | | | | | | | | |
| Small | 36.54 | 44.83 | 43.43 | .050 | .004** | 26.13 | 32.84 | 29.10 | .286 | .000*** |
| Medium | 34.81 | 47.64 | 51.06 | .000*** | .969 | 23.05 | 32.19 | 35.98 | .000*** | .033* |
| Large | 37.73 | 50.73 | 51.15 | .000*** | Referent | 27.50 | 39.13 | 40.16 | .000*** | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | 33.84 | 55.78 | 60.91 | .000*** | Referent | 24.19 | 42.31 | 48.26 | .000*** | Referent |
| Midwest | 39.21 | 50.58 | 52.04 | .000*** | .001** | 26.83 | 34.00 | 34.63 | .005** | .000*** |
| South | 39.65 | 45.84 | 43.28 | .183 | .000*** | 29.17 | 35.26 | 34.75 | .012* | .000*** |
| Northeast | 27.35 | 44.81 | 51.99 | .000*** | .006** | 16.90 | 32.92 | 37.53 | .000*** | .000*** |

| DISTRICT CHARACTERISTIC | COMPREHENSIVENESS SCORES (OUT OF 100) | | | | | STRENGTH SCORES (OUT OF 100) | | | | |
|--|---------------------------------------|---------|---------|-------------|-------------------------------|------------------------------|---------|---------|-------------|-------------------------------|
| | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 | '06-'07 | '09-'10 | '13-'14 | Sig. Diff.† | Sig. Diff. w/in Char. '13-'14 |
| REPORTING REQUIREMENTS | | | | | | | | | | |
| <i>Race/Ethnicity</i> | | | | | | | | | | |
| Maj. White (≥66%) | -- | 11.42 | 14.23 | .018* | Referent | -- | 9.03 | 12.08 | .002** | Referent |
| Maj. African-American (≥50%) | -- | 17.94 | 16.66 | .699 | .223 | -- | 16.09 | 14.62 | .633 | .139 |
| Maj. Hispanic/Latino (≥50%) | -- | 12.98 | 25.53 | .002** | .002** | -- | 11.27 | 21.69 | .004** | .002** |
| Mixed | -- | 14.87 | 15.08 | .923 | .637 | -- | 13.72 | 13.25 | .820 | .462 |
| <i>Free-/Reduced-Price Lunch (FRL)</i> | | | | | | | | | | |
| Low FRL (High SES) | -- | 10.99 | 14.58 | .062 | Referent | -- | 9.15 | 12.64 | .046* | Referent |
| Mid FRL (Middle SES) | -- | 12.08 | 15.50 | .068 | .657 | -- | 10.36 | 13.29 | .082 | .718 |
| High FRL (Low SES) | -- | 14.46 | 18.67 | .036* | .069 | -- | 12.35 | 16.13 | .035* | .076 |
| <i>Locale</i> | | | | | | | | | | |
| Large- to mid-size city | -- | 15.03 | 18.26 | .187 | Referent | -- | 14.32 | 17.03 | .252 | Referent |
| Suburb | -- | 11.19 | 15.54 | .013* | .252 | -- | 9.14 | 12.95 | .010* | .054 |
| Rural | -- | 14.11 | 13.91 | .924 | .073 | -- | 10.78 | 11.73 | .589 | .017* |
| Township | -- | 13.12 | 18.99 | .028* | .784 | -- | 11.46 | 15.11 | .133 | .428 |
| <i>District Size</i> | | | | | | | | | | |
| Small | -- | 9.85 | 13.15 | .059 | .064 | -- | 8.03 | 11.74 | .018* | .106 |
| Medium | -- | 13.07 | 18.24 | .006** | .330 | -- | 10.95 | 15.21 | .016* | .564 |
| Large | -- | 14.02 | 16.36 | .138 | Referent | -- | 12.30 | 14.21 | .187 | Referent |
| <i>Region</i> | | | | | | | | | | |
| West | -- | 16.11 | 28.34 | .001** | Referent | -- | 14.45 | 23.68 | .005** | Referent |
| Midwest | -- | 11.29 | 15.78 | .003** | .000*** | -- | 10.12 | 14.83 | .001** | .002** |
| South | -- | 11.55 | 9.70 | .213 | .000*** | -- | 9.88 | 8.62 | .338 | .000*** |
| Northeast | -- | 16.37 | 18.53 | .350 | .003** | -- | 13.15 | 14.65 | .547 | .003** |

First year of data for reporting requirements was SY '10 – '11; values shown under SY '09 – '10 column are for that year.

Significance testing based on linear regression models. Significance levels: *p<.05 **p<.01 ***p<.001

†Significant change from first year of data collection for the given score (SY '06 – '07 for all scores, except SY '10 – '11 for reporting score) through SY '13 – '14.

Student-weighted Summary of Wellness Policy Data

The following tables summarize data compiled school year 2006-07 through school year 2013-14. Table E-1 represents the percent of public school *students* enrolled in a district nationwide with wellness policy provisions across all grade levels. Tables E-2, E-3, and E-4 represent the percent of public school *students* enrolled in a district nationwide with wellness policy provisions at the elementary, middle, and high school levels, respectively.

We defined **STRONG POLICY PROVISIONS** as those that required action and specified an implementation plan or strategy. They included language such as *shall, must, require, comply, and enforce*. **WEAK POLICY PROVISIONS** offered suggestions or recommendations, and some required action but only for certain grade levels or times of day. They included language such as *should, might, encourage, some, make an effort to, partial, and try*.

Table E-1. Percentage of Public School Students Nationwide with Wellness Policy Provisions, All Grades, School Years 2006-07 through 2013-2014

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | Sig. Diff. † |
|--|--------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | | |
| NUTRITION EDUCATION | | | | | | | | | | | |
| Nutrition education goals | None | 22% | 8% | 2% | 3% | 3% | 3% | 3% | 3% | .000*** | |
| | Weak | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | | |
| | Strong | 76% | 90% | 95% | 95% | 95% | 95% | 96% | 96% | | |
| Nutrition curriculum for each grade | None | 38% | 33% | 20% | 23% | 16% | 18% | 16% | 15% | .000*** | |
| | Weak | 30% | 32% | 40% | 38% | 39% | 42% | 41% | 41% | | |
| | Strong | 32% | 35% | 40% | 38% | 45% | 40% | 43% | 44% | | |
| School gardens | None | -- | -- | 88% | 89% | 88% | 85% | 85% | 82% | .006** | |
| | Weak | -- | -- | 12% | 10% | 11% | 13% | 14% | 15% | | |
| | Strong | -- | -- | 0% | 0% | 1% | 2% | 1% | 3% | | |
| Nutrition education training for teachers | None | 68% | 59% | 57% | 62% | 60% | 58% | 60% | 53% | .000*** | |
| | Weak | 24% | 34% | 31% | 29% | 29% | 32% | 30% | 37% | | |
| | Strong | 8% | 8% | 12% | 9% | 11% | 10% | 10% | 10% | | |
| Nutrition education integrated into other subjects | None | 57% | 53% | 46% | 45% | 51% | 45% | 45% | 38% | .000*** | |
| | Weak | 17% | 20% | 20% | 19% | 18% | 21% | 19% | 24% | | |
| | Strong | 26% | 27% | 33% | 36% | 31% | 35% | 36% | 38% | | |
| Nutrition education teaches behavior-focused skills | None | 36% | 24% | 17% | 20% | 20% | 19% | 18% | 17% | .000*** | |
| | Weak | 21% | 32% | 26% | 24% | 22% | 26% | 26% | 25% | | |
| | Strong | 42% | 44% | 57% | 55% | 58% | 55% | 56% | 58% | | |
| Number of nutrition education courses or hours specified | None | 98% | 96% | 93% | 93% | 93% | 94% | 93% | 92% | .000*** | |
| | Weak | 2% | 3% | 6% | 5% | 5% | 6% | 7% | 7% | | |
| | Strong | 0% | 1% | 1% | 2% | 2% | 1% | 0% | 1% | | |

| | | Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | Sig. Diff. † |
|--|--------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | | |
| SCHOOL MEALS | | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 27% | 13% | 9% | 7% | 7% | 9% | 9% | 9% | .000*** | |
| | Weak | 1% | 2% | 1% | 1% | 2% | 1% | 1% | 1% | | |
| | Strong | 72% | 85% | 90% | 92% | 91% | 89% | 89% | 90% | | |
| School Breakfast Program | None | 43% | 30% | 27% | 25% | 24% | 26% | 26% | 23% | .000*** | |
| | Weak | 18% | 18% | 17% | 18% | 19% | 22% | 22% | 19% | | |
| | Strong | 40% | 52% | 56% | 58% | 56% | 53% | 52% | 58% | | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Low-fat cooking methods | None | 82% | 79% | 74% | 73% | 71% | 68% | 65% | 63% | .000*** |
| | Weak | 15% | 17% | 20% | 20% | 20% | 21% | 23% | 22% | |
| | Strong | 3% | 5% | 7% | 7% | 9% | 11% | 12% | 14% | |
| Strategies to increase participation in meals | None | 64% | 53% | 46% | 42% | 40% | 39% | 40% | 40% | .000*** |
| | Weak | 24% | 26% | 36% | 40% | 37% | 41% | 43% | 42% | |
| | Strong | 11% | 21% | 19% | 17% | 22% | 20% | 17% | 18% | |
| Closed campus at lunch | None | -- | -- | 97% | 94% | 97% | 97% | 98% | 97% | .892 |
| | Weak | -- | -- | 2% | 6% | 2% | 2% | 2% | 2% | |
| | Strong | -- | -- | 1% | 1% | 1% | 1% | 0% | 1% | |
| Recess before lunch (ES level only) | None | -- | -- | 77% | 75% | 83% | 73% | 72% | 71% | .170 |
| | Weak | -- | -- | 19% | 23% | 15% | 25% | 27% | 28% | |
| | Strong | -- | -- | 3% | 2% | 2% | 2% | 1% | 1% | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 51% | 38% | 35% | 38% | 41% | 37% | 37% | 33% | .000*** |
| | Weak | 40% | 52% | 53% | 49% | 46% | 51% | 52% | 53% | |
| | Strong | 9% | 10% | 13% | 13% | 13% | 11% | 11% | 14% | |
| Nutrition-related training for food service staff | None | 77% | 65% | 64% | 67% | 61% | 63% | 64% | 60% | .000*** |
| | Weak | 18% | 21% | 28% | 24% | 28% | 29% | 28% | 31% | |
| | Strong | 5% | 14% | 9% | 8% | 11% | 8% | 8% | 10% | |
| Nutrition information for school meals | None | 81% | 71% | 72% | 74% | 76% | 74% | 75% | 73% | .009** |
| | Weak | 7% | 8% | 13% | 13% | 10% | 10% | 10% | 12% | |
| | Strong | 11% | 20% | 15% | 13% | 13% | 16% | 15% | 16% | |
| Farm-to-school/cafeteria program | None | 94% | 92% | 91% | 91% | 93% | 91% | 90% | 88% | .001** |
| | Weak | 5% | 7% | 8% | 8% | 6% | 7% | 7% | 9% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 2% | 2% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .577 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .430 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 95% | 89% | 89% | 87% | 84% | .000*** |
| | Weak | -- | -- | -- | 2% | 1% | 2% | 2% | 1% | |
| | Strong | -- | -- | -- | 3% | 10% | 9% | 12% | 15% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 87% | 86% | 79% | .004** |
| | Weak | -- | -- | -- | -- | -- | 3% | 2% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 10% | 11% | 16% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 98% | 98% | .581 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 2% | 2% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 7 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 23% | 9% | 5% | 5% | 5% | 5% | 5% | 7% | .000*** |
| | Weak | 28% | 30% | 29% | 28% | 35% | 30% | 27% | 23% | |
| | Strong | 49% | 61% | 66% | 67% | 61% | 64% | 68% | 70% | |
| Nutrition guidelines apply to food & beverage contracts | None | 83% | 79% | 69% | 65% | 68% | 63% | 59% | 60% | .000*** |
| | Weak | 3% | 4% | 9% | 11% | 7% | 9% | 10% | 11% | |
| | Strong | 14% | 17% | 22% | 24% | 26% | 28% | 31% | 29% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 100% | 99% | 99% | 99% | 99% | 99% | .204 |
| | Weak | -- | -- | 0% | 0% | 0% | 1% | 1% | 1% | |
| | Strong | -- | -- | 0% | 0% | 1% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 53% | 42% | 42% | 40% | 39% | 38% | 35% | 33% | .000*** |
| | Weak | 40% | 43% | 51% | 54% | 54% | 57% | 59% | 58% | |
| | Strong | 7% | 14% | 7% | 6% | 6% | 5% | 6% | 9% | |
| Prohibits using food as a reward | None | 69% | 66% | 61% | 62% | 57% | 58% | 58% | 56% | .000*** |
| | Weak | 23% | 27% | 29% | 28% | 31% | 31% | 29% | 30% | |
| | Strong | 8% | 8% | 10% | 10% | 12% | 11% | 13% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Nutrition information for competitive foods and beverages | None | 91% | 82% | 90% | 86% | 91% | 91% | 91% | 90% | .192 |
| | Weak | 4% | 5% | 5% | 5% | 4% | 4% | 3% | 3% | |
| | Strong | 5% | 13% | 5% | 10% | 5% | 5% | 6% | 7% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 89% | 88% | 87% | 88% | 83% | 87% | 87% | 84% | .024* |
| | Weak | 3% | 4% | 4% | 3% | 3% | 4% | 2% | 3% | |
| | Strong | 8% | 8% | 9% | 9% | 13% | 10% | 10% | 13% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 93% | 92% | 91% | 91% | 91% | 91% | 92% | 94% | .547 |
| | Weak | 6% | 7% | 6% | 7% | 7% | 7% | 7% | 5% | |
| | Strong | 1% | 1% | 2% | 2% | 2% | 1% | 1% | 1% | |
| Bans fast food sales on campus | None | -- | -- | 99% | 99% | 100% | 100% | 100% | 100% | .436 |
| | Weak | -- | -- | 1% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 34% | 20% | 13% | 14% | 15% | 14% | 15% | 15% | .000*** |
| | Weak | 45% | 46% | 49% | 47% | 50% | 48% | 47% | 45% | |
| | Strong | 21% | 34% | 39% | 39% | 35% | 38% | 39% | 40% | |
| School store restrictions during the school day | None | 41% | 28% | 23% | 25% | 27% | 25% | 26% | 24% | .000*** |
| | Weak | 41% | 42% | 45% | 43% | 44% | 44% | 42% | 42% | |
| | Strong | 18% | 30% | 32% | 33% | 29% | 31% | 32% | 35% | |
| À la carte restrictions during meal times | None | 35% | 22% | 13% | 13% | 12% | 13% | 14% | 14% | .000*** |
| | Weak | 48% | 49% | 50% | 51% | 55% | 53% | 52% | 50% | |
| | Strong | 17% | 29% | 37% | 35% | 32% | 34% | 34% | 36% | |
| Classroom parties | None | 48% | 36% | 34% | 35% | 34% | 31% | 32% | 31% | .000*** |
| | Weak | 51% | 55% | 64% | 64% | 64% | 66% | 66% | 66% | |
| | Strong | 1% | 9% | 2% | 1% | 2% | 2% | 1% | 3% | |
| Fundraisers during the school day | None | 50% | 35% | 28% | 26% | 28% | 26% | 26% | 26% | .000*** |
| | Weak | 49% | 56% | 47% | 48% | 46% | 46% | 44% | 44% | |
| | Strong | 1% | 9% | 25% | 26% | 26% | 28% | 30% | 30% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 27% | 12% | 8% | 6% | 5% | 7% | 6% | 6% | .000*** |
| | PE addressed | 73% | 88% | 92% | 94% | 95% | 93% | 94% | 94% | |
| PE curriculum for each grade | None | 46% | 32% | 26% | 27% | 19% | 21% | 20% | 23% | .000*** |
| | Weak | 18% | 28% | 31% | 28% | 33% | 34% | 35% | 30% | |
| | Strong | 36% | 40% | 43% | 45% | 48% | 45% | 45% | 47% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 78% | 66% | 67% | 69% | 67% | 65% | 67% | 64% | .000*** |
| | Weak | 19% | 30% | 29% | 28% | 30% | 32% | 30% | 32% | |
| | Strong | 3% | 4% | 3% | 3% | 3% | 3% | 3% | 3% | |
| PE required to teach about a physically active lifestyle | None | 44% | 31% | 28% | 28% | 28% | 31% | 30% | 27% | .000*** |
| | Weak | 9% | 9% | 8% | 8% | 7% | 8% | 7% | 7% | |
| | Strong | 46% | 59% | 64% | 65% | 65% | 61% | 63% | 66% | |
| PE competency assessment required | None | 61% | 50% | 47% | 45% | 48% | 50% | 46% | 39% | .000*** |
| | Weak | 13% | 22% | 5% | 5% | 5% | 6% | 5% | 4% | |
| | Strong | 26% | 28% | 48% | 50% | 47% | 44% | 49% | 57% | |
| PE classes, courses, or credits (HS level only) | None | 84% | 73% | 72% | 74% | 70% | 69% | 65% | 66% | .000*** |
| | Weak | 2% | 10% | 2% | 2% | 1% | 2% | 1% | 2% | |
| | Strong | 14% | 17% | 26% | 24% | 29% | 30% | 33% | 32% | |
| Frequency of PE (strong=daily) | None | 93% | 85% | 92% | 91% | 89% | 91% | 91% | 92% | .739 |
| | Weak | 3% | 12% | 5% | 5% | 8% | 6% | 6% | 5% | |
| | Strong | 3% | 3% | 4% | 4% | 4% | 3% | 3% | 3% | |
| Teacher-student ratio for PE | None | 90% | 80% | 78% | 79% | 76% | 76% | 76% | 73% | .000*** |
| | Weak | 9% | 18% | 19% | 19% | 21% | 20% | 21% | 21% | |
| | Strong | 1% | 1% | 2% | 2% | 3% | 3% | 3% | 6% | |
| Safe/adequate facilities for PE | None | 82% | 71% | 72% | 69% | 71% | 68% | 70% | 66% | .000*** |
| | Weak | 8% | 19% | 16% | 16% | 20% | 20% | 15% | 17% | |
| | Strong | 9% | 10% | 12% | 14% | 8% | 12% | 16% | 18% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 74% | 64% | 58% | 59% | 56% | 54% | 52% | 50% | .000*** |
| | Weak | 20% | 29% | 33% | 33% | 33% | 36% | 40% | 37% | |
| | Strong | 6% | 7% | 8% | 8% | 11% | 11% | 8% | 13% | |
| PE to be taught by state-authorized physical educator | None | 70% | 58% | 54% | 57% | 58% | 57% | 58% | 54% | .000*** |
| | Weak | 11% | 19% | 11% | 11% | 10% | 10% | 10% | 12% | |
| | Strong | 19% | 23% | 34% | 32% | 32% | 33% | 31% | 35% | |
| PE teachers to be trained in PE skills | None | 82% | 80% | 76% | 79% | 79% | 77% | 77% | 76% | .009** |
| | Weak | 9% | 11% | 7% | 5% | 6% | 6% | 4% | 6% | |
| | Strong | 10% | 10% | 17% | 16% | 16% | 16% | 18% | 18% | |
| Prohibits waivers to get out of PE | None | 93% | 93% | 92% | 91% | 93% | 93% | 94% | 90% | .007** |
| | Weak | 4% | 4% | 3% | 5% | 1% | 1% | 1% | 2% | |
| | Strong | 3% | 3% | 5% | 4% | 6% | 6% | 5% | 8% | |
| Annual health assessment in PE class | None | 73% | 61% | 56% | 58% | 57% | 59% | 57% | 54% | .000*** |
| | Weak | 27% | 38% | 43% | 41% | 42% | 37% | 41% | 42% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 4% | 2% | 3% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) PROVISIONS | | | | | | | | | | |
| Goals for PA | None | 24% | 11% | 7% | 7% | 8% | 6% | 5% | 5% | .000*** |
| | Weak | 2% | 2% | 2% | 2% | 3% | 3% | 3% | 2% | |
| | Strong | 73% | 87% | 90% | 91% | 90% | 91% | 92% | 93% | |
| PA for every grade level | None | 45% | 41% | 32% | 32% | 33% | 29% | 27% | 27% | .000*** |
| | Weak | 25% | 26% | 26% | 24% | 23% | 25% | 25% | 20% | |
| | Strong | 30% | 33% | 41% | 44% | 44% | 46% | 48% | 53% | |
| Amount of time for PA | None | -- | -- | 87% | 89% | 89% | 90% | 87% | 87% | .824 |
| | Weak | -- | -- | 5% | 3% | 3% | 3% | 4% | 4% | |
| | Strong | -- | -- | 8% | 8% | 8% | 7% | 8% | 9% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 57% | 45% | 46% | 45% | 47% | 46% | 43% | 41% | .000*** |
| | Weak | 35% | 46% | 41% | 37% | 41% | 42% | 43% | 44% | |
| | Strong | 8% | 9% | 13% | 18% | 12% | 12% | 14% | 16% | |
| Community use of facilities for PA | None | 82% | 73% | 72% | 71% | 71% | 72% | 70% | 67% | .000*** |
| | Weak | 7% | 8% | 16% | 16% | 13% | 13% | 15% | 17% | |
| | Strong | 10% | 19% | 12% | 13% | 16% | 15% | 15% | 16% | |
| Safe active routes to school | None | 90% | 90% | 84% | 82% | 86% | 86% | 86% | 81% | .002** |
| | Weak | 4% | 4% | 8% | 11% | 6% | 6% | 7% | 9% | |
| | Strong | 6% | 6% | 7% | 7% | 8% | 8% | 6% | 10% | |
| Prohibit using PA as punishment | None | 78% | 66% | 63% | 62% | 61% | 64% | 64% | 60% | .000*** |
| | Weak | 8% | 20% | 17% | 20% | 17% | 15% | 14% | 14% | |
| | Strong | 13% | 14% | 20% | 18% | 22% | 21% | 22% | 26% | |
| Daily recess (ES level only) | None | 70% | 60% | 62% | 60% | 60% | 61% | 61% | 60% | .002** |
| | Weak | 15% | 22% | 18% | 18% | 19% | 18% | 17% | 16% | |
| | Strong | 15% | 18% | 20% | 22% | 21% | 21% | 22% | 23% | |
| Less than daily recess (ES level only) | None | -- | -- | 81% | 82% | 81% | 80% | 77% | 76% | .059 |
| | Weak | -- | -- | 11% | 12% | 12% | 12% | 12% | 13% | |
| | Strong | -- | -- | 8% | 6% | 6% | 8% | 10% | 12% | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 85% | 83% | .248 |
| | Weak | -- | -- | -- | -- | -- | 7% | 9% | 8% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 7% | 8% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 63% | 53% | 50% | 53% | 44% | 43% | 41% | 44% | .000*** |
| | Weak | 15% | 23% | 22% | 23% | 26% | 27% | 24% | 19% | |
| | Strong | 22% | 24% | 27% | 24% | 30% | 31% | 35% | 38% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 70% | 60% | 53% | 54% | 55% | 59% | 60% | 59% | .001** |
| | Weak | 14% | 17% | 25% | 22% | 21% | 21% | 21% | 18% | |
| | Strong | 16% | 23% | 21% | 24% | 24% | 20% | 19% | 23% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 70% | 58% | 53% | 52% | 58% | 58% | 57% | 53% | .000*** |
| | Weak | 9% | 17% | 12% | 11% | 9% | 10% | 11% | 13% | |
| | Strong | 21% | 25% | 34% | 38% | 34% | 32% | 32% | 34% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 62% | 60% | 54% | .001** |
| | Weak | -- | -- | -- | -- | -- | 26% | 23% | 24% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 17% | 22% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 80% | 79% | 74% | .006** |
| | Weak | -- | -- | -- | -- | -- | 13% | 10% | 12% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 10% | 14% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 85% | 82% | 72% | 77% | 75% | 74% | 74% | 73% | .000*** |
| | Weak | 12% | 15% | 21% | 18% | 20% | 20% | 20% | 18% | |
| | Strong | 4% | 4% | 6% | 5% | 5% | 6% | 6% | 10% | |
| Staff wellness programs | None | 77% | 65% | 65% | 68% | 67% | 66% | 65% | 63% | .000*** |
| | Weak | 13% | 23% | 23% | 22% | 25% | 26% | 27% | 23% | |
| | Strong | 10% | 12% | 11% | 10% | 7% | 8% | 9% | 14% | |
| Staff to role model healthy behaviors | None | 71% | 68% | 63% | 69% | 68% | 64% | 62% | 60% | .007** |
| | Weak | 7% | 7% | 10% | 9% | 9% | 10% | 11% | 12% | |
| | Strong | 22% | 24% | 28% | 22% | 22% | 26% | 27% | 28% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 77% | 70% | 68% | 71% | 72% | 75% | 73% | .087 |
| | Weak | 16% | 18% | 23% | 27% | 22% | 23% | 22% | 20% | |
| | Strong | 6% | 5% | 7% | 5% | 7% | 5% | 3% | 7% | |
| Restricted marketing | None | 83% | 75% | 77% | 71% | 78% | 77% | 77% | 76% | .002** |
| | Weak | 8% | 8% | 9% | 9% | 10% | 8% | 8% | 7% | |
| | Strong | 8% | 17% | 14% | 19% | 12% | 16% | 15% | 17% | |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 28% | 14% | 11% | 12% | 11% | 9% | 9% | 10% | .000*** |
| | Weak | 6% | 7% | 3% | 3% | 6% | 4% | 2% | 3% | |
| | Strong | 66% | 80% | 85% | 85% | 83% | 87% | 89% | 86% | |
| Plan for implementation | None | 31% | 16% | 12% | 13% | 12% | 10% | 9% | 11% | .000*** |
| | Weak | 6% | 7% | 6% | 4% | 7% | 6% | 4% | 3% | |
| | Strong | 63% | 77% | 82% | 83% | 81% | 85% | 87% | 86% | |

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|---|--|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Ongoing health advisory committee | None | 53% | 37% | 33% | 34% | 37% | 36% | 36% | 35% | .000*** |
| | Weak | 10% | 13% | 12% | 12% | 9% | 9% | 10% | 10% | |
| | Strong | 37% | 50% | 54% | 54% | 54% | 55% | 54% | 55% | |
| Body mass index (BMI) screening | None | 84% | 73% | 64% | 65% | 66% | 68% | 66% | 63% | .000*** |
| | Suggested/ encouraged | 8% | 8% | 15% | 16% | 20% | 13% | 15% | 15% | |
| | Req'd for only some grades | 7% | 18% | 19% | 17% | 14% | 16% | 16% | 19% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 1% | 1% | 1% | 1% | 1% | |
| Plan for evaluation | None | 58% | 45% | 36% | 43% | 41% | 38% | 36% | 34% | .000*** |
| | Weak | 33% | 45% | 47% | 41% | 46% | 47% | 48% | 48% | |
| | Strong | 8% | 10% | 17% | 16% | 14% | 15% | 15% | 18% | |
| | Reporting on policy compliance and/or implementation | None | 56% | 44% | 42% | 45% | 39% | 39% | 42% | |
| Weak | 19% | 27% | 24% | 21% | 21% | 21% | 20% | 18% | | |
| Strong | 25% | 29% | 34% | 34% | 40% | 40% | 39% | 37% | | |
| Funding for policy implementation | None | 93% | 94% | 93% | 95% | 95% | 94% | 95% | 97% | .004** |
| | Weak | 5% | 4% | 6% | 4% | 5% | 6% | 4% | 3% | |
| | Strong | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 69% | 64% | 57% | 60% | 57% | 55% | 54% | 53% | .000*** |
| | Weak | 8% | 7% | 10% | 9% | 10% | 10% | 11% | 10% | |
| | Strong | 23% | 28% | 34% | 31% | 33% | 34% | 36% | 37% | |
| Requires district to report to state | None | 100% | 100% | 97% | 97% | 96% | 98% | 98% | 98% | .019* |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 3% | 2% | 4% | 2% | 2% | 1% | |

| Percentage of Public School Districts Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | 99% | 98% | 97% | 96% | .026* |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | 1% | 1% | 3% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | 90% | 88% | 86% | 81% | .000*** |
| | Weak | -- | -- | -- | -- | 6% | 4% | 5% | 6% | |
| | Strong | -- | -- | -- | -- | 5% | 8% | 9% | 13% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .471 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | 86% | 80% | 78% | 71% | .000*** |
| | Weak | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| | Strong | -- | -- | -- | -- | 13% | 17% | 20% | 27% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | 42% | 42% | 45% | 48% | .211 |
| | Weak | -- | -- | -- | -- | 2% | 1% | 1% | 0% | |
| | Strong | -- | -- | -- | -- | 55% | 57% | 54% | 52% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | 97% | 96% | 97% | 98% | .286 |
| | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 3% | 4% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | 95% | 93% | 94% | 93% | .159 |
| | Weak | -- | -- | -- | -- | 1% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | 4% | 6% | 6% | 7% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | 98% | 95% | 94% | 92% | .005** |
| | Weak | -- | -- | -- | -- | 0% | 1% | 1% | 5% | |
| | Strong | -- | -- | -- | -- | 2% | 5% | 6% | 3% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | 44% | 43% | 43% | 46% | .703 |
| | Weak | -- | -- | -- | -- | 3% | 2% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | 54% | 55% | 55% | 53% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | 95% | 93% | 93% | 93% | .145 |
| | Weak | -- | -- | -- | -- | 0% | 1% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | 4% | 7% | 7% | 6% | |
| Requires district to | None | -- | -- | -- | -- | 85% | 79% | 77% | 77% | .006** |

| Percentage of Public School <i>Districts</i> Nationwide by School Year and Grade Level of Policy Applicability – ALL GRADES COMBINED | | | | | | | | | | | |
|--|----------------------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| report on nutritional quality of meal program | Requires district to | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | | Strong | -- | -- | -- | -- | 12% | 17% | 18% | 18% | |
| report on competitive foods/beverages sold | Requires district to | None | -- | -- | -- | -- | 90% | 88% | 88% | 87% | |
| | | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | .153 |
| | | Strong | -- | -- | -- | -- | 6% | 7% | 8% | 8% | |
| report on PE/PA requirements | Requires district to | None | -- | -- | -- | -- | 90% | 90% | 90% | 88% | |
| | | Weak | -- | -- | -- | -- | 2% | 2% | 1% | 3% | .468 |
| | | Strong | -- | -- | -- | -- | 8% | 8% | 9% | 9% | |
| report aggregate fitness assessment results | Requires district to | None | -- | -- | -- | -- | 92% | 89% | 90% | 86% | |
| | | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 3% | .026* |
| | | Strong | -- | -- | -- | -- | 7% | 10% | 9% | 11% | |
| report on student BMI screening (aggregate) | Requires district to | None | -- | -- | -- | -- | 99% | 97% | 96% | 96% | |
| | | Weak | -- | -- | -- | -- | 0% | 1% | 1% | 1% | .001** |
| | | Strong | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| report other (e.g., School Health Index) | Requires district to | None | -- | -- | -- | -- | 80% | 80% | 82% | 80% | |
| | | Weak | -- | -- | -- | -- | 7% | 6% | 4% | 4% | .409 |
| | | Strong | -- | -- | -- | -- | 12% | 14% | 14% | 16% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

Significance levels: *p<.05 **p<.01 ***p<.001

NC: significance level could not be calculated due to lack of variation over time.

†Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table E-2. Percentage of Public Elementary School Students Nationwide with Wellness Policy Provisions, School Years 2006-07 through 2013-2014

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| NUTRITION EDUCATION | | | | | | | | | | |
| Nutrition education goals | None | 19% | 6% | 2% | 3% | 3% | 3% | 3% | 3% | .000*** |
| | Weak | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | |
| | Strong | 79% | 92% | 95% | 95% | 95% | 95% | 96% | 95% | |
| Nutrition curriculum for each grade | None | 35% | 28% | 20% | 23% | 15% | 17% | 15% | 15% | .000*** |
| | Weak | 31% | 34% | 39% | 38% | 38% | 41% | 39% | 39% | |
| | Strong | 35% | 38% | 41% | 39% | 47% | 42% | 46% | 46% | |
| School gardens | None | -- | -- | 88% | 89% | 88% | 85% | 85% | 82% | .004** |
| | Weak | -- | -- | 12% | 11% | 11% | 13% | 14% | 16% | |
| | Strong | -- | -- | 0% | 0% | 1% | 2% | 1% | 3% | |
| Nutrition education training for teachers | None | 67% | 60% | 58% | 62% | 61% | 60% | 60% | 53% | .000*** |
| | Weak | 25% | 32% | 30% | 28% | 28% | 31% | 31% | 37% | |
| | Strong | 8% | 8% | 12% | 9% | 11% | 10% | 9% | 10% | |
| Nutrition education integrated into other subjects | None | 54% | 50% | 46% | 44% | 49% | 44% | 44% | 38% | .000*** |
| | Weak | 19% | 22% | 20% | 19% | 19% | 21% | 18% | 23% | |
| | Strong | 27% | 28% | 34% | 36% | 31% | 36% | 38% | 39% | |
| Nutrition education teaches behavior-focused skills | None | 34% | 23% | 18% | 21% | 20% | 20% | 18% | 17% | .000*** |
| | Weak | 22% | 30% | 25% | 23% | 21% | 24% | 24% | 24% | |
| | Strong | 44% | 47% | 57% | 56% | 59% | 56% | 57% | 58% | |
| Number of nutrition education courses or hours specified | None | 97% | 96% | 95% | 94% | 95% | 97% | 98% | 96% | .274 |
| | Weak | 2% | 3% | 4% | 4% | 3% | 2% | 2% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 1% | 0% | 1% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| SCHOOL MEALS | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 24% | 11% | 9% | 7% | 7% | 10% | 9% | 9% | .000*** |
| | Weak | 2% | 2% | 1% | 1% | 2% | 1% | 1% | 1% | |
| | Strong | 75% | 87% | 90% | 93% | 91% | 89% | 89% | 90% | |
| School Breakfast Program | None | 39% | 28% | 27% | 25% | 24% | 26% | 25% | 22% | .000*** |
| | Weak | 18% | 19% | 17% | 17% | 19% | 21% | 21% | 18% | |
| | Strong | 43% | 53% | 57% | 58% | 57% | 53% | 54% | 59% | |
| Low-fat cooking methods | None | 80% | 75% | 71% | 70% | 67% | 65% | 63% | 61% | .000*** |
| | Weak | 16% | 19% | 20% | 21% | 21% | 21% | 21% | 22% | |
| | Strong | 4% | 5% | 9% | 9% | 13% | 15% | 16% | 18% | |
| Strategies to increase participation in meals | None | 63% | 53% | 45% | 42% | 41% | 39% | 39% | 40% | .000*** |
| | Weak | 26% | 28% | 37% | 41% | 38% | 41% | 43% | 42% | |
| | Strong | 12% | 18% | 18% | 17% | 22% | 20% | 17% | 18% | |
| Closed campus at lunch | None | -- | -- | 97% | 94% | 97% | 97% | 98% | 97% | .799 |
| | Weak | -- | -- | 2% | 5% | 2% | 2% | 2% | 2% | |
| | Strong | -- | -- | 1% | 1% | 1% | 1% | 0% | 1% | |
| Recess before lunch for elementary students | None | -- | -- | 77% | 75% | 83% | 73% | 72% | 71% | .170 |
| | Weak | -- | -- | 19% | 23% | 15% | 25% | 27% | 28% | |
| | Strong | -- | -- | 3% | 2% | 2% | 2% | 1% | 1% | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 49% | 37% | 34% | 37% | 41% | 38% | 36% | 33% | .000*** |
| | Weak | 41% | 51% | 53% | 50% | 45% | 51% | 52% | 53% | |
| | Strong | 10% | 11% | 13% | 13% | 14% | 12% | 11% | 14% | |
| Nutrition-related training for food service staff | None | 76% | 67% | 63% | 67% | 61% | 63% | 64% | 60% | .000*** |
| | Weak | 18% | 22% | 27% | 24% | 28% | 29% | 28% | 31% | |
| | Strong | 6% | 12% | 9% | 9% | 11% | 8% | 8% | 10% | |
| Nutrition information for school meals | None | 80% | 72% | 72% | 74% | 77% | 75% | 76% | 74% | .041* |
| | Weak | 8% | 9% | 13% | 14% | 11% | 10% | 9% | 11% | |
| | Strong | 12% | 19% | 15% | 13% | 12% | 15% | 15% | 15% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| Farm-to-school/cafeteria program | None | 94% | 92% | 91% | 91% | 93% | 91% | 90% | 87% | .001** |
| | Weak | 6% | 7% | 8% | 8% | 6% | 7% | 8% | 10% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 2% | 2% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .561 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .403 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 93% | 85% | 86% | 83% | 80% | .000*** |
| | Weak | -- | -- | -- | 2% | 1% | 2% | 1% | 1% | |
| | Strong | -- | -- | -- | 5% | 14% | 13% | 15% | 19% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 86% | 85% | 78% | .002** |
| | Weak | -- | -- | -- | -- | -- | 4% | 3% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 10% | 12% | 17% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 98% | 98% | .514 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 2% | 2% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 18% | 6% | 4% | 4% | 4% | 5% | 4% | 5% | .000*** |
| | Weak | 27% | 28% | 25% | 25% | 28% | 25% | 23% | 21% | |
| | Strong | 55% | 65% | 70% | 71% | 68% | 70% | 73% | 74% | |
| Nutrition guidelines apply to food & beverage contracts | None | 82% | 78% | 68% | 65% | 66% | 62% | 58% | 59% | .000*** |
| | Weak | 3% | 4% | 9% | 12% | 8% | 10% | 10% | 12% | |
| | Strong | 15% | 18% | 22% | 24% | 26% | 28% | 31% | 29% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 99% | 98% | 97% | 98% | 98% | 98% | .995 |
| | Weak | -- | -- | 1% | 1% | 1% | 2% | 2% | 1% | |
| | Strong | -- | -- | 0% | 0% | 2% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 50% | 41% | 42% | 40% | 36% | 36% | 33% | 32% | .000*** |
| | Weak | 43% | 47% | 51% | 55% | 57% | 59% | 61% | 59% | |
| | Strong | 7% | 12% | 7% | 6% | 7% | 6% | 6% | 10% | |
| Prohibits using food as a reward | None | 68% | 64% | 61% | 62% | 58% | 59% | 59% | 57% | .001** |
| | Weak | 23% | 28% | 29% | 28% | 30% | 30% | 28% | 29% | |
| | Strong | 9% | 8% | 11% | 10% | 12% | 11% | 13% | 14% | |
| Nutrition information for competitive foods and beverages | None | 90% | 84% | 91% | 86% | 92% | 92% | 91% | 90% | .616 |
| | Weak | 4% | 5% | 5% | 5% | 3% | 4% | 3% | 3% | |
| | Strong | 6% | 12% | 5% | 9% | 4% | 4% | 6% | 7% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 88% | 87% | 87% | 88% | 84% | 87% | 88% | 84% | .046* |
| | Weak | 3% | 4% | 4% | 3% | 3% | 4% | 2% | 3% | |
| | Strong | 9% | 8% | 9% | 9% | 12% | 9% | 10% | 13% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 84% | 82% | 81% | 81% | 80% | 81% | 81% | 84% | .891 |
| | Weak | 14% | 16% | 13% | 14% | 13% | 15% | 16% | 13% | |
| | Strong | 2% | 3% | 7% | 5% | 7% | 4% | 3% | 2% | |
| Bans fast food sales on campus | None | -- | -- | 99% | 99% | 100% | 100% | 100% | 100% | .238 |
| | Weak | -- | -- | 1% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 30% | 17% | 11% | 12% | 14% | 13% | 13% | 13% | .000*** |
| | Weak | 32% | 34% | 32% | 31% | 33% | 33% | 30% | 29% | |
| | Strong | 39% | 50% | 56% | 56% | 53% | 54% | 58% | 59% | |
| School store restrictions during the school day | None | 37% | 25% | 21% | 23% | 26% | 23% | 22% | 20% | .000*** |
| | Weak | 31% | 32% | 31% | 31% | 31% | 32% | 30% | 31% | |
| | Strong | 32% | 42% | 47% | 46% | 42% | 45% | 48% | 49% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| À la carte restrictions during meal times | None | 31% | 19% | 11% | 12% | 11% | 12% | 12% | 12% | .000*** |
| | Weak | 43% | 45% | 41% | 44% | 45% | 46% | 46% | 44% | |
| | Strong | 26% | 36% | 48% | 44% | 44% | 42% | 43% | 44% | |
| Classroom parties | None | 46% | 35% | 33% | 34% | 35% | 32% | 32% | 31% | .000*** |
| | Weak | 53% | 59% | 65% | 64% | 63% | 66% | 66% | 66% | |
| | Strong | 1% | 6% | 2% | 2% | 2% | 2% | 1% | 3% | |
| Fundraisers during the school day | None | 47% | 34% | 27% | 26% | 27% | 25% | 25% | 25% | .000*** |
| | Weak | 52% | 60% | 37% | 38% | 36% | 36% | 32% | 32% | |
| | Strong | 1% | 6% | 36% | 37% | 38% | 39% | 42% | 43% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 24% | 11% | 7% | 6% | 6% | 7% | 6% | 5% | .000*** |
| | PE addressed | 76% | 89% | 93% | 94% | 94% | 93% | 94% | 95% | |
| PE curriculum for each grade | None | 42% | 31% | 24% | 26% | 19% | 20% | 19% | 23% | .000*** |
| | Weak | 17% | 25% | 28% | 26% | 30% | 31% | 33% | 28% | |
| | Strong | 41% | 45% | 47% | 48% | 51% | 48% | 48% | 49% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 71% | 61% | 59% | 61% | 59% | 58% | 60% | 57% | .000*** |
| | Weak | 26% | 35% | 35% | 33% | 36% | 37% | 36% | 38% | |
| | Strong | 3% | 4% | 6% | 6% | 5% | 5% | 4% | 5% | |
| PE required to teach about a physically active lifestyle | None | 43% | 31% | 28% | 28% | 28% | 31% | 29% | 26% | .000*** |
| | Weak | 11% | 12% | 9% | 9% | 7% | 8% | 7% | 6% | |
| | Strong | 46% | 57% | 63% | 64% | 65% | 61% | 63% | 68% | |
| PE competency assessment required | None | 60% | 51% | 47% | 46% | 47% | 50% | 46% | 38% | .000*** |
| | Weak | 13% | 20% | 5% | 5% | 5% | 5% | 4% | 3% | |
| | Strong | 27% | 29% | 48% | 49% | 48% | 45% | 50% | 58% | |
| PE classes, courses, or credits for HS students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Frequency of PE (strong=daily) | None | 91% | 85% | 89% | 89% | 87% | 89% | 89% | 90% | .507 |
| | Weak | 5% | 11% | 6% | 6% | 8% | 8% | 7% | 6% | |
| | Strong | 3% | 4% | 5% | 5% | 5% | 3% | 4% | 4% | |
| Teacher-student ratio for PE | None | 90% | 82% | 76% | 78% | 73% | 73% | 74% | 71% | .000*** |
| | Weak | 9% | 16% | 21% | 20% | 23% | 22% | 22% | 25% | |
| | Strong | 1% | 2% | 3% | 2% | 4% | 5% | 4% | 5% | |
| Safe/adequate facilities for PE | None | 83% | 73% | 72% | 69% | 70% | 66% | 68% | 65% | .000*** |
| | Weak | 8% | 17% | 15% | 16% | 20% | 20% | 14% | 17% | |
| | Strong | 9% | 10% | 13% | 14% | 10% | 14% | 18% | 19% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 72% | 64% | 54% | 54% | 49% | 49% | 45% | 43% | .000*** |
| | Weak | 22% | 28% | 37% | 38% | 39% | 40% | 45% | 43% | |
| | Strong | 6% | 7% | 8% | 8% | 12% | 12% | 10% | 14% | |
| PE to be taught by state-authorized physical educator | None | 69% | 59% | 52% | 56% | 55% | 54% | 57% | 53% | .000*** |
| | Weak | 13% | 17% | 13% | 13% | 13% | 12% | 12% | 16% | |
| | Strong | 19% | 24% | 35% | 31% | 32% | 34% | 31% | 32% | |
| PE teachers to be trained in PE skills | None | 81% | 78% | 74% | 78% | 77% | 75% | 74% | 73% | .001** |
| | Weak | 9% | 12% | 7% | 5% | 6% | 7% | 5% | 7% | |
| | Strong | 10% | 10% | 18% | 17% | 18% | 18% | 21% | 20% | |
| Prohibits waivers to get out of PE | None | 92% | 92% | 91% | 90% | 92% | 93% | 94% | 90% | .035* |
| | Weak | 4% | 5% | 3% | 5% | 2% | 2% | 2% | 2% | |
| | Strong | 4% | 4% | 6% | 5% | 6% | 5% | 5% | 8% | |
| Annual health assessment in PE class | None | 73% | 63% | 54% | 57% | 56% | 58% | 53% | 51% | .000*** |
| | Weak | 27% | 37% | 45% | 43% | 44% | 40% | 45% | 47% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 3% | 1% | 2% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) PROVISIONS | | | | | | | | | | |
| Goals for PA | None | 21% | 9% | 5% | 6% | 6% | 5% | 3% | 3% | .000*** |
| | Weak | 2% | 2% | 2% | 2% | 3% | 3% | 3% | 2% | |
| | Strong | 76% | 89% | 92% | 92% | 91% | 92% | 94% | 95% | |
| PA for every grade level | None | 41% | 35% | 28% | 30% | 29% | 26% | 23% | 22% | .000*** |
| | Weak | 27% | 28% | 26% | 24% | 23% | 24% | 24% | 18% | |
| | Strong | 33% | 37% | 45% | 46% | 48% | 50% | 53% | 60% | |
| Amount of time for PA | None | -- | -- | 82% | 85% | 85% | 85% | 83% | 80% | .300 |
| | Weak | -- | -- | 5% | 3% | 3% | 4% | 4% | 4% | |
| | Strong | -- | -- | 13% | 12% | 12% | 11% | 13% | 16% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 54% | 44% | 44% | 43% | 45% | 44% | 41% | 38% | .000*** |
| | Weak | 37% | 45% | 42% | 38% | 43% | 43% | 44% | 45% | |
| | Strong | 9% | 10% | 13% | 19% | 13% | 12% | 15% | 17% | |
| Community use of facilities for PA | None | 81% | 74% | 73% | 72% | 72% | 73% | 70% | 67% | .000*** |
| | Weak | 8% | 9% | 16% | 16% | 13% | 13% | 16% | 17% | |
| | Strong | 11% | 16% | 11% | 12% | 15% | 14% | 14% | 16% | |
| Safe active routes to school | None | 89% | 88% | 83% | 81% | 85% | 85% | 84% | 80% | .003** |
| | Weak | 4% | 5% | 9% | 11% | 7% | 7% | 9% | 11% | |
| | Strong | 7% | 7% | 8% | 8% | 8% | 8% | 7% | 10% | |
| Prohibit using PA as punishment | None | 75% | 64% | 60% | 59% | 58% | 60% | 61% | 58% | .000*** |
| | Weak | 10% | 20% | 19% | 22% | 19% | 17% | 15% | 16% | |
| | Strong | 15% | 16% | 21% | 19% | 23% | 22% | 24% | 26% | |
| Daily recess for elementary grades | None | 70% | 60% | 62% | 60% | 60% | 61% | 61% | 60% | .002** |
| | Weak | 15% | 22% | 18% | 18% | 19% | 18% | 17% | 16% | |
| | Strong | 15% | 18% | 20% | 22% | 21% | 21% | 22% | 23% | |
| Less than daily recess for elementary grades | None | -- | -- | 81% | 82% | 81% | 80% | 77% | 76% | .059 |
| | Weak | -- | -- | 11% | 12% | 12% | 12% | 12% | 13% | |
| | Strong | -- | -- | 8% | 6% | 6% | 8% | 10% | 12% | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 84% | 83% | .169 |
| | Weak | -- | -- | -- | -- | -- | 6% | 9% | 9% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 7% | 8% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 61% | 54% | 49% | 52% | 44% | 42% | 40% | 42% | .000*** |
| | Weak | 16% | 22% | 23% | 24% | 26% | 27% | 24% | 20% | |
| | Strong | 23% | 25% | 27% | 24% | 30% | 31% | 36% | 38% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 68% | 60% | 52% | 53% | 55% | 58% | 58% | 58% | .001** |
| | Weak | 16% | 18% | 26% | 23% | 21% | 21% | 22% | 19% | |
| | Strong | 16% | 21% | 22% | 24% | 24% | 21% | 20% | 24% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 68% | 58% | 53% | 52% | 58% | 58% | 56% | 53% | .000*** |
| | Weak | 10% | 15% | 12% | 11% | 9% | 12% | 13% | 14% | |
| | Strong | 22% | 26% | 34% | 37% | 33% | 30% | 31% | 33% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 63% | 59% | 54% | .000*** |
| | Weak | -- | -- | -- | -- | -- | 25% | 23% | 24% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 18% | 22% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 81% | 78% | 73% | .002** |
| | Weak | -- | -- | -- | -- | -- | 13% | 11% | 13% | |
| | Strong | -- | -- | -- | -- | -- | 6% | 11% | 14% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 84% | 81% | 72% | 76% | 75% | 74% | 73% | 72% | .000*** |
| | Weak | 12% | 15% | 22% | 18% | 20% | 20% | 21% | 18% | |
| | Strong | 4% | 4% | 6% | 5% | 5% | 6% | 6% | 10% | |
| Staff wellness programs | None | 76% | 67% | 67% | 69% | 69% | 67% | 66% | 64% | .000*** |
| | Weak | 14% | 22% | 23% | 21% | 24% | 25% | 26% | 23% | |
| | Strong | 10% | 12% | 11% | 10% | 7% | 8% | 8% | 14% | |
| Staff to role model healthy behaviors | None | 70% | 67% | 63% | 68% | 68% | 64% | 61% | 60% | .007** |
| | Weak | 7% | 8% | 9% | 9% | 9% | 9% | 10% | 11% | |
| | Strong | 23% | 25% | 28% | 23% | 23% | 26% | 28% | 29% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 76% | 71% | 69% | 71% | 73% | 76% | 75% | .285 |
| | Weak | 17% | 19% | 22% | 27% | 22% | 22% | 21% | 18% | |
| | Strong | 6% | 5% | 7% | 5% | 7% | 5% | 3% | 7% | |
| Restricted marketing | None | 81% | 75% | 75% | 70% | 76% | 75% | 76% | 75% | .010* |
| | Weak | 8% | 9% | 10% | 10% | 10% | 8% | 8% | 7% | |
| | Strong | 10% | 16% | 15% | 20% | 14% | 17% | 16% | 18% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY | | | | | | | | | | |
|--|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 25% | 13% | 11% | 12% | 11% | 9% | 9% | 11% | .000*** |
| | Weak | 6% | 7% | 3% | 3% | 5% | 5% | 2% | 3% | |
| | Strong | 69% | 81% | 85% | 85% | 83% | 86% | 89% | 86% | |
| Plan for implementation | None | 28% | 15% | 12% | 13% | 12% | 10% | 9% | 11% | .000*** |
| | Weak | 6% | 7% | 6% | 4% | 6% | 6% | 4% | 3% | |
| | Strong | 65% | 78% | 82% | 83% | 82% | 85% | 87% | 86% | |
| Ongoing health advisory committee | None | 51% | 37% | 34% | 35% | 38% | 36% | 36% | 35% | .000*** |
| | Weak | 11% | 14% | 13% | 12% | 9% | 10% | 12% | 11% | |
| | Strong | 38% | 49% | 53% | 53% | 53% | 54% | 52% | 54% | |
| Body mass index (BMI) screening | None | 84% | 74% | 62% | 65% | 65% | 66% | 63% | 61% | .000*** |
| | Suggested/ encouraged | 8% | 9% | 15% | 15% | 19% | 13% | 16% | 17% | |
| | Req'd for only some grades | 8% | 17% | 22% | 19% | 16% | 19% | 19% | 20% | |
| | Req'd w/o parent reporting | 0% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| | Req'd w/ parent reporting | 0% | 0% | 0% | 0% | 0% | 2% | 1% | 2% | |
| Plan for evaluation | None | 57% | 45% | 36% | 43% | 41% | 38% | 36% | 33% | .000*** |
| | Weak | 35% | 44% | 47% | 42% | 45% | 46% | 47% | 48% | |
| | Strong | 9% | 10% | 17% | 16% | 14% | 16% | 17% | 19% | |
| Reporting on policy compliance and/or implementation | None | 53% | 43% | 42% | 45% | 39% | 38% | 41% | 44% | .002** |
| | Weak | 20% | 26% | 24% | 21% | 21% | 22% | 21% | 19% | |
| | Strong | 26% | 31% | 35% | 34% | 40% | 40% | 38% | 37% | |
| Funding for policy implementation | None | 93% | 94% | 94% | 95% | 95% | 94% | 95% | 97% | .002** |
| | Weak | 5% | 4% | 5% | 4% | 5% | 6% | 4% | 3% | |
| | Strong | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 68% | 62% | 56% | 60% | 57% | 56% | 54% | 52% | .000*** |
| | Weak | 9% | 8% | 10% | 9% | 11% | 11% | 11% | 10% | |
| | Strong | 24% | 30% | 33% | 31% | 32% | 33% | 35% | 37% | |
| Requires district to report to state | None | 100% | 100% | 97% | 97% | 95% | 98% | 97% | 98% | .018* |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 3% | 3% | 5% | 2% | 3% | 1% | |

Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability - ELEMENTARY

| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| REPORTING REQUIREMENTS (Added SY '10-'11) | | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | -- | 99% | 99% | 97% | 96% | .020* |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 1% | 2% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | -- | 88% | 87% | 84% | 80% | .001** |
| | Weak | -- | -- | -- | -- | -- | 6% | 4% | 6% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 6% | 9% | 11% | 14% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .540 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 1% | 1% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | -- | 87% | 80% | 78% | 71% | .000*** |
| | Weak | -- | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 17% | 21% | 27% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | -- | 42% | 41% | 44% | 47% | .206 |
| | Weak | -- | -- | -- | -- | -- | 3% | 1% | 1% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 56% | 57% | 55% | 52% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | -- | 96% | 96% | 97% | 98% | .228 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 4% | 4% | 3% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | -- | 95% | 94% | 95% | 93% | .088 |
| | Weak | -- | -- | -- | -- | -- | 1% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 4% | 6% | 5% | 7% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | -- | 98% | 94% | 93% | 91% | .001** |
| | Weak | -- | -- | -- | -- | -- | 0% | 1% | 1% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 2% | 5% | 7% | 3% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | -- | 43% | 42% | 43% | 46% | .809 |
| | Weak | -- | -- | -- | -- | -- | 3% | 2% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 54% | 55% | 56% | 54% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | -- | 94% | 91% | 91% | 92% | .418 |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 0% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 6% | 8% | 9% | 7% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | -- | 83% | 78% | 76% | 77% | .027* |
| | Weak | -- | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 13% | 18% | 20% | 18% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | -- | 89% | 87% | 86% | 86% | .363 |
| | Weak | -- | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 9% | 10% | 9% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | -- | 89% | 90% | 89% | 87% | .439 |
| | Weak | -- | -- | -- | -- | -- | 2% | 2% | 1% | 3% | |
| | Strong | -- | -- | -- | -- | -- | 8% | 8% | 11% | 10% | |
| Requires district to report aggregate fitness assessment results | None | -- | -- | -- | -- | -- | 92% | 88% | 89% | 85% | .008** |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 1% | 3% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 11% | 10% | 12% | |
| Requires district to report on student BMI screening (aggregate) | None | -- | -- | -- | -- | -- | 99% | 97% | 97% | 96% | .001** |
| | Weak | -- | -- | -- | -- | -- | 0% | 1% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report on other (e.g., School Health Index) | None | -- | -- | -- | -- | -- | 79% | 78% | 80% | 80% | .692 |
| | Weak | -- | -- | -- | -- | -- | 7% | 6% | 4% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 14% | 16% | 16% | 17% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.
 Significance levels: *p<.05 **p<.01 ***p<.001
 NC: significance level could not be calculated due to lack of variation over time.
 †Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table E-3. Percentage of Public Middle School Students Nationwide with Wellness Policy Provisions, School Years 2006-07 through 2013-2014

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| NUTRITION EDUCATION | | | | | | | | | | |
| Nutrition education goals | None | 22% | 7% | 2% | 3% | 3% | 3% | 3% | 3% | .000*** |
| | Weak | 2% | 3% | 2% | 2% | 2% | 2% | 2% | 2% | |
| | Strong | 76% | 90% | 95% | 95% | 95% | 95% | 95% | 95% | |
| Nutrition curriculum for each grade | None | 37% | 32% | 20% | 20% | 16% | 18% | 16% | 15% | .000*** |
| | Weak | 30% | 33% | 39% | 39% | 37% | 41% | 39% | 40% | |
| | Strong | 33% | 36% | 42% | 41% | 46% | 42% | 45% | 45% | |
| School gardens | None | -- | -- | 88% | 89% | 88% | 85% | 85% | 82% | .004** |
| | Weak | -- | -- | 12% | 11% | 11% | 14% | 14% | 15% | |
| | Strong | -- | -- | 0% | 0% | 1% | 2% | 1% | 3% | |
| Nutrition education training for teachers | None | 68% | 59% | 58% | 60% | 60% | 58% | 60% | 53% | .000*** |
| | Weak | 24% | 33% | 31% | 30% | 29% | 32% | 31% | 38% | |
| | Strong | 8% | 8% | 12% | 10% | 11% | 10% | 9% | 10% | |
| Nutrition education integrated into other subjects | None | 56% | 52% | 46% | 46% | 49% | 44% | 44% | 39% | .000*** |
| | Weak | 18% | 21% | 20% | 20% | 19% | 21% | 19% | 24% | |
| | Strong | 26% | 27% | 34% | 34% | 32% | 35% | 36% | 38% | |
| Nutrition education teaches behavior-focused skills | None | 36% | 24% | 17% | 18% | 20% | 20% | 19% | 18% | .000*** |
| | Weak | 21% | 31% | 25% | 24% | 21% | 25% | 25% | 25% | |
| | Strong | 43% | 45% | 57% | 58% | 59% | 55% | 56% | 57% | |
| Number of nutrition education courses or hours specified | None | 98% | 97% | 95% | 95% | 94% | 94% | 93% | 94% | .002** |
| | Weak | 1% | 2% | 4% | 4% | 4% | 6% | 6% | 5% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 1% | 0% | 1% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| SCHOOL MEALS | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 27% | 12% | 8% | 7% | 7% | 9% | 9% | 9% | .000*** |
| | Weak | 2% | 2% | 1% | 1% | 2% | 1% | 1% | 1% | |
| | Strong | 72% | 86% | 90% | 92% | 91% | 90% | 89% | 90% | |
| School Breakfast Program | None | 42% | 29% | 27% | 25% | 24% | 26% | 25% | 23% | .000*** |
| | Weak | 17% | 18% | 17% | 18% | 19% | 21% | 22% | 19% | |
| | Strong | 40% | 53% | 57% | 57% | 57% | 53% | 53% | 58% | |
| Low-fat cooking methods | None | 83% | 79% | 75% | 73% | 72% | 69% | 66% | 64% | .000*** |
| | Weak | 14% | 17% | 20% | 21% | 20% | 20% | 22% | 22% | |
| | Strong | 3% | 5% | 5% | 6% | 8% | 10% | 11% | 13% | |
| Strategies to increase participation in meals | None | 64% | 53% | 46% | 44% | 41% | 39% | 40% | 40% | .000*** |
| | Weak | 25% | 27% | 36% | 38% | 37% | 41% | 43% | 42% | |
| | Strong | 12% | 20% | 18% | 17% | 22% | 20% | 17% | 17% | |
| Closed campus at lunch | None | -- | -- | 97% | 97% | 97% | 97% | 98% | 97% | .945 |
| | Weak | -- | -- | 2% | 2% | 2% | 2% | 2% | 2% | |
| | Strong | -- | -- | 1% | 1% | 1% | 1% | 0% | 1% | |
| Recess before lunch for elementary students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 51% | 38% | 35% | 36% | 42% | 37% | 37% | 34% | .000*** |
| | Weak | 40% | 52% | 53% | 51% | 46% | 52% | 53% | 53% | |
| | Strong | 9% | 9% | 12% | 13% | 13% | 11% | 11% | 13% | |
| Nutrition-related training for food service staff | None | 77% | 65% | 63% | 66% | 61% | 64% | 65% | 60% | .000*** |
| | Weak | 18% | 21% | 28% | 25% | 28% | 28% | 28% | 30% | |
| | Strong | 5% | 13% | 9% | 9% | 11% | 8% | 7% | 10% | |
| Nutrition information for school meals | None | 81% | 72% | 72% | 73% | 77% | 75% | 75% | 73% | .021* |
| | Weak | 8% | 9% | 13% | 14% | 10% | 10% | 10% | 12% | |
| | Strong | 11% | 19% | 15% | 13% | 12% | 15% | 15% | 15% | |

Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| Farm-to-school/cafeteria program | None | 94% | 92% | 91% | 90% | 93% | 91% | 90% | 87% | .000*** |
| | Weak | 5% | 7% | 8% | 9% | 6% | 7% | 8% | 9% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 2% | 2% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .558 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 88% | 89% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .418 |
| | Weak | -- | -- | -- | -- | -- | -- | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 96% | 91% | 90% | 87% | 84% | .000*** |
| | Weak | -- | -- | -- | 2% | 1% | 1% | 2% | 1% | |
| | Strong | -- | -- | -- | 2% | 8% | 8% | 11% | 15% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 86% | 86% | 79% | .003** |
| | Weak | -- | -- | -- | -- | -- | 4% | 2% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 10% | 12% | 17% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 98% | 98% | .597 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 2% | 2% | |

Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See Table 4 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 22% | 8% | 4% | 4% | 4% | 5% | 5% | 6% | .000*** |
| | Weak | 28% | 30% | 29% | 29% | 36% | 31% | 27% | 23% | |
| | Strong | 50% | 62% | 67% | 67% | 60% | 64% | 68% | 72% | |
| Nutrition guidelines apply to food & beverage contracts | None | 83% | 79% | 69% | 67% | 67% | 63% | 59% | 59% | .000*** |
| | Weak | 3% | 4% | 9% | 8% | 8% | 9% | 11% | 11% | |
| | Strong | 14% | 17% | 22% | 24% | 25% | 28% | 30% | 29% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 100% | 100% | 100% | 100% | 100% | 99% | NC |
| | Weak | -- | -- | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 53% | 43% | 41% | 41% | 41% | 38% | 35% | 33% | .000*** |
| | Weak | 39% | 44% | 52% | 53% | 53% | 57% | 59% | 58% | |
| | Strong | 8% | 14% | 7% | 6% | 6% | 5% | 6% | 9% | |
| Prohibits using food as a reward | None | 69% | 65% | 61% | 64% | 58% | 59% | 59% | 57% | .001** |
| | Weak | 23% | 27% | 30% | 26% | 30% | 30% | 28% | 29% | |
| | Strong | 8% | 8% | 9% | 10% | 12% | 11% | 13% | 14% | |
| Nutrition information for competitive foods and beverages | None | 92% | 84% | 90% | 89% | 92% | 92% | 91% | 90% | .099 |
| | Weak | 4% | 4% | 5% | 5% | 3% | 4% | 3% | 3% | |
| | Strong | 4% | 12% | 5% | 6% | 4% | 4% | 6% | 7% | |
| Requires free drinking water to be accessible throughout school (not just cafeteria/gym) | None | 89% | 88% | 88% | 88% | 84% | 87% | 88% | 84% | .027* |
| | Weak | 3% | 4% | 4% | 3% | 3% | 3% | 2% | 3% | |
| | Strong | 8% | 8% | 9% | 9% | 13% | 9% | 10% | 13% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 97% | 95% | 96% | 96% | 96% | 97% | 98% | 99% | .027* |
| | Weak | 3% | 5% | 4% | 4% | 4% | 3% | 2% | 1% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Bans fast food sales on campus | None | -- | -- | 99% | 100% | 100% | 100% | 100% | 100% | .514 |
| | Weak | -- | -- | 1% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 34% | 19% | 12% | 13% | 13% | 13% | 14% | 14% | .000*** |
| | Weak | 50% | 52% | 50% | 48% | 55% | 53% | 51% | 51% | |
| | Strong | 16% | 29% | 38% | 38% | 32% | 35% | 35% | 35% | |
| School store restrictions during the school day | None | 41% | 28% | 23% | 26% | 26% | 24% | 25% | 23% | .000*** |
| | Weak | 46% | 46% | 45% | 42% | 48% | 47% | 46% | 46% | |
| | Strong | 14% | 26% | 33% | 32% | 26% | 29% | 30% | 32% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| À la carte restrictions during meal times | None | 35% | 21% | 11% | 12% | 11% | 13% | 14% | 14% | .000*** |
| | Weak | 51% | 51% | 50% | 50% | 57% | 53% | 52% | 50% | |
| | Strong | 14% | 28% | 39% | 37% | 32% | 34% | 35% | 36% | |
| Classroom parties | None | 48% | 36% | 34% | 36% | 34% | 31% | 32% | 31% | .000*** |
| | Weak | 51% | 56% | 64% | 62% | 63% | 66% | 66% | 66% | |
| | Strong | 1% | 8% | 2% | 2% | 2% | 3% | 1% | 3% | |
| Fundraisers during the school day | None | 49% | 35% | 27% | 26% | 28% | 25% | 25% | 25% | .000*** |
| | Weak | 50% | 58% | 48% | 48% | 49% | 49% | 48% | 49% | |
| | Strong | 1% | 8% | 24% | 26% | 23% | 25% | 26% | 26% | |

| Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|--|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 27% | 11% | 7% | 6% | 5% | 7% | 7% | 6% | .000*** |
| | PE addressed | 73% | 89% | 93% | 94% | 95% | 93% | 93% | 94% | |
| PE curriculum for each grade | None | 45% | 32% | 25% | 24% | 19% | 20% | 20% | 23% | .000*** |
| | Weak | 17% | 27% | 29% | 27% | 31% | 32% | 33% | 29% | |
| | Strong | 38% | 41% | 46% | 48% | 50% | 47% | 47% | 48% | |
| PE requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 76% | 66% | 65% | 67% | 64% | 64% | 65% | 62% | .000*** |
| | Weak | 22% | 31% | 33% | 31% | 33% | 34% | 33% | 35% | |
| | Strong | 3% | 3% | 2% | 2% | 3% | 2% | 2% | 3% | |
| PE required to teach about a physically active lifestyle | None | 44% | 31% | 27% | 28% | 27% | 30% | 29% | 27% | .000*** |
| | Weak | 9% | 9% | 7% | 7% | 6% | 7% | 6% | 6% | |
| | Strong | 47% | 60% | 66% | 65% | 67% | 63% | 65% | 67% | |
| PE competency assessment required | None | 61% | 50% | 45% | 45% | 46% | 49% | 45% | 39% | .000*** |
| | Weak | 13% | 21% | 5% | 5% | 4% | 5% | 5% | 4% | |
| | Strong | 27% | 29% | 50% | 50% | 50% | 46% | 51% | 58% | |
| PE classes, courses, or credits for HS students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Frequency of PE (strong=daily) | None | 93% | 86% | 91% | 90% | 90% | 91% | 91% | 92% | .533 |
| | Weak | 3% | 11% | 4% | 4% | 6% | 5% | 5% | 4% | |
| | Strong | 4% | 4% | 6% | 5% | 4% | 4% | 4% | 4% | |
| Teacher-student ratio for PE | None | 90% | 81% | 78% | 78% | 76% | 76% | 76% | 74% | .000*** |
| | Weak | 9% | 17% | 20% | 20% | 22% | 21% | 21% | 20% | |
| | Strong | 1% | 1% | 2% | 1% | 2% | 3% | 3% | 6% | |
| Safe/adequate facilities for PE | None | 82% | 72% | 71% | 71% | 70% | 68% | 70% | 66% | .000*** |
| | Weak | 8% | 18% | 16% | 17% | 20% | 20% | 14% | 16% | |
| | Strong | 10% | 10% | 13% | 12% | 10% | 12% | 16% | 18% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 74% | 65% | 59% | 59% | 57% | 55% | 54% | 53% | .000*** |
| | Weak | 20% | 28% | 32% | 33% | 32% | 34% | 37% | 34% | |
| | Strong | 6% | 7% | 9% | 9% | 11% | 12% | 9% | 13% | |
| PE to be taught by state-authorized physical educator | None | 70% | 59% | 54% | 55% | 58% | 57% | 58% | 54% | .000*** |
| | Weak | 11% | 18% | 11% | 12% | 9% | 9% | 9% | 10% | |
| | Strong | 19% | 23% | 34% | 33% | 33% | 34% | 32% | 36% | |
| PE teachers to be trained in PE skills | None | 82% | 80% | 75% | 78% | 78% | 78% | 78% | 77% | .018* |
| | Weak | 9% | 11% | 7% | 5% | 6% | 5% | 4% | 5% | |
| | Strong | 10% | 10% | 18% | 17% | 17% | 17% | 19% | 18% | |
| Prohibits waivers to get out of PE | None | 93% | 93% | 93% | 95% | 93% | 93% | 94% | 89% | .008** |
| | Weak | 4% | 4% | 3% | 1% | 1% | 1% | 1% | 2% | |
| | Strong | 3% | 3% | 5% | 4% | 6% | 6% | 5% | 8% | |
| Annual health assessment in PE class | None | 71% | 60% | 55% | 55% | 55% | 58% | 56% | 55% | .000*** |
| | Weak | 28% | 39% | 44% | 44% | 44% | 38% | 41% | 42% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 4% | 3% | 3% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) PROVISIONS | | | | | | | | | | |
| Goals for PA | None | 24% | 10% | 7% | 7% | 7% | 6% | 5% | 6% | .000*** |
| | Weak | 2% | 2% | 2% | 2% | 3% | 3% | 3% | 2% | |
| | Strong | 73% | 88% | 90% | 90% | 90% | 90% | 92% | 92% | |
| PA for every grade level | None | 46% | 40% | 33% | 33% | 32% | 29% | 28% | 28% | .000*** |
| | Weak | 25% | 26% | 26% | 26% | 23% | 25% | 25% | 21% | |
| | Strong | 30% | 34% | 40% | 41% | 45% | 46% | 47% | 51% | |
| Amount of time for PA | None | -- | -- | 88% | 90% | 89% | 90% | 88% | 88% | .903 |
| | Weak | -- | -- | 4% | 3% | 2% | 3% | 5% | 5% | |
| | Strong | -- | -- | 7% | 7% | 9% | 7% | 8% | 7% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 57% | 45% | 48% | 47% | 47% | 46% | 43% | 42% | .000*** |
| | Weak | 36% | 46% | 40% | 39% | 41% | 43% | 43% | 43% | |
| | Strong | 7% | 9% | 12% | 14% | 11% | 11% | 14% | 15% | |
| Community use of facilities for PA | None | 82% | 73% | 73% | 70% | 72% | 72% | 69% | 67% | .000*** |
| | Weak | 8% | 9% | 16% | 17% | 13% | 13% | 16% | 17% | |
| | Strong | 10% | 18% | 11% | 13% | 15% | 15% | 14% | 16% | |
| Safe active routes to school | None | 90% | 89% | 85% | 84% | 86% | 86% | 85% | 81% | .004** |
| | Weak | 4% | 4% | 8% | 8% | 6% | 6% | 8% | 9% | |
| | Strong | 7% | 7% | 8% | 8% | 8% | 8% | 7% | 10% | |
| Prohibit using PA as punishment | None | 79% | 67% | 65% | 66% | 63% | 66% | 66% | 62% | .000*** |
| | Weak | 8% | 19% | 16% | 16% | 14% | 13% | 12% | 13% | |
| | Strong | 13% | 14% | 19% | 18% | 22% | 21% | 22% | 25% | |
| Daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Less than daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 84% | 83% | .217 |
| | Weak | -- | -- | -- | -- | -- | 6% | 9% | 9% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 7% | 8% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 63% | 53% | 50% | 50% | 44% | 42% | 40% | 43% | .000*** |
| | Weak | 15% | 23% | 23% | 24% | 26% | 27% | 24% | 19% | |
| | Strong | 22% | 24% | 27% | 25% | 30% | 31% | 35% | 37% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 69% | 60% | 52% | 55% | 55% | 58% | 59% | 58% | .002** |
| | Weak | 15% | 17% | 26% | 24% | 21% | 20% | 22% | 19% | |
| | Strong | 16% | 23% | 22% | 21% | 25% | 21% | 20% | 23% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 69% | 58% | 53% | 54% | 58% | 58% | 57% | 53% | .000*** |
| | Weak | 10% | 17% | 14% | 12% | 10% | 11% | 12% | 13% | |
| | Strong | 21% | 25% | 33% | 34% | 32% | 31% | 32% | 34% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 63% | 59% | 54% | .001** |
| | Weak | -- | -- | -- | -- | -- | 25% | 23% | 24% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 18% | 22% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 81% | 79% | 74% | .003** |
| | Weak | -- | -- | -- | -- | -- | 13% | 10% | 12% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 11% | 14% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 85% | 82% | 72% | 76% | 76% | 75% | 74% | 73% | .000*** |
| | Weak | 12% | 15% | 22% | 19% | 20% | 20% | 20% | 18% | |
| | Strong | 4% | 4% | 6% | 5% | 4% | 6% | 5% | 9% | |
| Staff wellness programs | None | 77% | 66% | 66% | 68% | 69% | 67% | 66% | 63% | .000*** |
| | Weak | 13% | 23% | 23% | 22% | 24% | 25% | 26% | 23% | |
| Staff to role model healthy behaviors | Strong | 10% | 12% | 11% | 10% | 7% | 8% | 9% | 14% | .010* |
| | None | 71% | 68% | 62% | 67% | 68% | 64% | 62% | 60% | |
| | Weak | 7% | 7% | 9% | 10% | 9% | 10% | 11% | 12% | |
| | Strong | 22% | 25% | 28% | 24% | 23% | 26% | 27% | 28% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 77% | 70% | 70% | 71% | 72% | 75% | 74% | .204 |
| | Weak | 16% | 18% | 23% | 25% | 22% | 23% | 22% | 20% | |
| | Strong | 6% | 5% | 7% | 5% | 7% | 5% | 3% | 6% | |
| Restricted marketing | None | 83% | 75% | 75% | 73% | 76% | 75% | 76% | 76% | .008** |
| | Weak | 8% | 8% | 10% | 10% | 10% | 8% | 8% | 6% | |
| | Strong | 10% | 17% | 15% | 17% | 14% | 17% | 15% | 17% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL | | | | | | | | | | |
|---|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 28% | 13% | 11% | 12% | 11% | 9% | 9% | 11% | .000*** |
| | Weak | 6% | 6% | 3% | 3% | 6% | 5% | 2% | 3% | |
| | Strong | 66% | 80% | 85% | 85% | 83% | 86% | 89% | 86% | |
| Plan for implementation | None | 31% | 15% | 12% | 13% | 12% | 10% | 9% | 11% | .000*** |
| | Weak | 6% | 7% | 6% | 4% | 7% | 6% | 4% | 3% | |
| | Strong | 63% | 78% | 83% | 82% | 82% | 85% | 87% | 86% | |
| Ongoing health advisory committee | None | 53% | 37% | 35% | 37% | 38% | 36% | 37% | 36% | .000*** |
| | Weak | 11% | 13% | 12% | 13% | 10% | 10% | 11% | 10% | |
| | Strong | 36% | 50% | 53% | 51% | 52% | 54% | 53% | 55% | |
| Body mass index (BMI) screening | None | 83% | 73% | 63% | 63% | 65% | 68% | 66% | 64% | .000*** |
| | Suggested/ encouraged | 9% | 8% | 14% | 16% | 20% | 13% | 15% | 15% | |
| | Req'd for only some grades | 7% | 17% | 21% | 19% | 13% | 15% | 16% | 18% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 1% | 2% | 2% | 1% | 1% | |
| | Req'd w/ parent reporting | 1% | 1% | 0% | 1% | 0% | 2% | 2% | 2% | |
| Plan for evaluation | None | 58% | 44% | 36% | 40% | 41% | 38% | 36% | 34% | .000*** |
| | Weak | 34% | 46% | 47% | 43% | 45% | 46% | 48% | 49% | |
| | Strong | 8% | 10% | 17% | 16% | 14% | 15% | 16% | 18% | |
| Reporting on policy compliance and/or implementation | None | 55% | 43% | 41% | 43% | 39% | 39% | 41% | 45% | .001** |
| | Weak | 19% | 27% | 24% | 22% | 22% | 22% | 21% | 19% | |
| | Strong | 25% | 29% | 35% | 36% | 40% | 39% | 38% | 36% | |
| Funding for policy implementation | None | 93% | 94% | 93% | 95% | 94% | 93% | 95% | 97% | .002** |
| | Weak | 5% | 5% | 6% | 4% | 5% | 7% | 5% | 3% | |
| | Strong | 2% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 69% | 63% | 56% | 58% | 57% | 55% | 53% | 52% | .000*** |
| | Weak | 9% | 8% | 11% | 10% | 11% | 11% | 12% | 11% | |
| | Strong | 23% | 29% | 34% | 32% | 32% | 33% | 35% | 37% | |
| Requires district to report to state | None | 100% | 100% | 97% | 97% | 96% | 98% | 98% | 98% | .016* |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 3% | 2% | 4% | 2% | 2% | 1% | |

Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – MIDDLE SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | | |
| Requires district to post wellness policy on website | None | -- | -- | -- | -- | -- | 99% | 98% | 97% | 96% | .020* |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 2% | 3% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | -- | -- | -- | -- | -- | 88% | 87% | 85% | 81% | .003** |
| | Weak | -- | -- | -- | -- | -- | 6% | 4% | 5% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 6% | 9% | 10% | 13% | |
| Requires district to submit wellness policy to state | None | -- | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .439 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | -- | -- | -- | -- | -- | 87% | 80% | 78% | 71% | .000*** |
| | Weak | -- | -- | -- | -- | -- | 1% | 3% | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 17% | 21% | 27% | |
| Requires district to report to board on policy implementation | None | -- | -- | -- | -- | -- | 42% | 42% | 45% | 47% | .196 |
| | Weak | -- | -- | -- | -- | -- | 3% | 1% | 1% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 56% | 57% | 54% | 52% | |
| Requires district to report to state on policy implementation | None | -- | -- | -- | -- | -- | 96% | 95% | 97% | 98% | .187 |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 4% | 5% | 3% | 2% | |
| Requires district to report to other group / other stakeholders | None | -- | -- | -- | -- | -- | 95% | 93% | 95% | 93% | .135 |
| | Weak | -- | -- | -- | -- | -- | 1% | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 4% | 6% | 5% | 7% | |
| Requires district to report on food safety inspections | None | -- | -- | -- | -- | -- | 98% | 94% | 93% | 92% | .002** |
| | Weak | -- | -- | -- | -- | -- | 0% | 1% | 1% | 6% | |
| | Strong | -- | -- | -- | -- | -- | 2% | 5% | 6% | 3% | |
| Requires district to report wellness policy compliance data | None | -- | -- | -- | -- | -- | 43% | 43% | 43% | 46% | .734 |
| | Weak | -- | -- | -- | -- | -- | 3% | 2% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 54% | 55% | 56% | 54% | |
| Requires district to report on school meal program participation | None | -- | -- | -- | -- | -- | 94% | 92% | 92% | 92% | .528 |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 5% | 8% | 8% | 6% | |
| Requires district to report on nutritional quality of meal program | None | -- | -- | -- | -- | -- | 83% | 78% | 77% | 77% | .020* |
| | Weak | -- | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 13% | 17% | 19% | 19% | |
| Requires district to report on competitive foods/beverages sold | None | -- | -- | -- | -- | -- | 89% | 87% | 87% | 87% | .469 |
| | Weak | -- | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 8% | 8% | 8% | |
| Requires district to report on PE/PA requirements | None | -- | -- | -- | -- | -- | 90% | 90% | 89% | 88% | .509 |
| | Weak | -- | -- | -- | -- | -- | 2% | 2% | 1% | 3% | |
| | Strong | -- | -- | -- | -- | -- | 8% | 8% | 10% | 9% | |
| Requires district to report aggregate fitness assessment results | None | -- | -- | -- | -- | -- | 92% | 88% | 90% | 86% | .024* |
| | Weak | -- | -- | -- | -- | -- | 1% | 1% | 0% | 3% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 11% | 10% | 11% | |
| Requires district to report on student BMI screening (aggregate) | None | -- | -- | -- | -- | -- | 99% | 97% | 97% | 96% | .001** |
| | Weak | -- | -- | -- | -- | -- | 0% | 1% | 1% | 1% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report other (e.g., School Health Index) | None | -- | -- | -- | -- | -- | 79% | 78% | 81% | 80% | .67 |
| | Weak | -- | -- | -- | -- | -- | 8% | 7% | 4% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 13% | 15% | 15% | 16% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.
 Significance levels: *p<.05 **p<.01 ***p<.001
 NC: significance level could not be calculated due to lack of variation over time.
 †Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Table E-4. Percentage of Public High School Students Nationwide with Wellness Policy Provisions, School Years 2006-07 through 2013-2014

| | | Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | Sig. Diff. † |
|--|--------------------|---|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| NUTRITION EDUCATION | | | | | | | | | | |
| Nutrition education goals | None | 22% | 9% | 3% | 4% | 4% | 3% | 3% | 3% | .000*** |
| | Weak | 2% | 2% | 2% | 1% | 2% | 2% | 2% | 2% | |
| | Strong | 76% | 89% | 95% | 95% | 94% | 96% | 96% | 96% | |
| Nutrition curriculum for each grade | None | 38% | 34% | 22% | 21% | 18% | 18% | 16% | 15% | .000*** |
| | Weak | 31% | 32% | 41% | 41% | 41% | 44% | 44% | 42% | |
| | Strong | 32% | 34% | 37% | 38% | 41% | 38% | 40% | 43% | |
| School gardens | None | -- | -- | 88% | 89% | 88% | 84% | 86% | 83% | .021* |
| | Weak | -- | -- | 12% | 11% | 11% | 14% | 13% | 15% | |
| | Strong | -- | -- | 0% | 0% | 1% | 2% | 1% | 2% | |
| Nutrition education training for teachers | None | 70% | 59% | 58% | 60% | 59% | 57% | 59% | 52% | .000*** |
| | Weak | 23% | 33% | 30% | 31% | 30% | 32% | 30% | 38% | |
| | Strong | 7% | 8% | 12% | 9% | 11% | 11% | 11% | 11% | |
| Nutrition education integrated into other subjects | None | 58% | 53% | 47% | 48% | 53% | 46% | 45% | 38% | .000*** |
| | Weak | 17% | 20% | 20% | 19% | 17% | 21% | 20% | 24% | |
| | Strong | 25% | 27% | 33% | 34% | 30% | 34% | 35% | 37% | |
| Nutrition education teaches behavior-focused skills | None | 37% | 24% | 17% | 17% | 20% | 19% | 18% | 17% | .000*** |
| | Weak | 20% | 31% | 27% | 25% | 23% | 26% | 26% | 26% | |
| | Strong | 42% | 45% | 56% | 58% | 57% | 55% | 56% | 57% | |
| Number of nutrition education courses or hours specified | None | 97% | 96% | 90% | 90% | 90% | 90% | 88% | 88% | .000*** |
| | Weak | 2% | 4% | 9% | 8% | 8% | 9% | 12% | 12% | |
| | Strong | 0% | 0% | 2% | 2% | 2% | 1% | 1% | 1% | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | Sig. Diff. † |
|---|--------------------|---|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL MEALS | | | | | | | | | | |
| School meal nutrition guidelines must meet federal standards | None | 28% | 14% | 9% | 8% | 8% | 10% | 10% | 9% | .000*** |
| | Weak | 1% | 2% | 2% | 1% | 2% | 2% | 2% | 1% | |
| | Strong | 71% | 84% | 90% | 92% | 91% | 89% | 89% | 90% | |
| School Breakfast Program | None | 44% | 31% | 28% | 26% | 25% | 26% | 27% | 24% | .000*** |
| | Weak | 16% | 16% | 17% | 18% | 19% | 21% | 22% | 19% | |
| | Strong | 40% | 52% | 54% | 56% | 56% | 53% | 51% | 57% | |
| Low-fat cooking methods | None | 84% | 82% | 76% | 75% | 74% | 71% | 67% | 66% | .000*** |
| | Weak | 13% | 14% | 18% | 19% | 18% | 20% | 23% | 22% | |
| | Strong | 2% | 4% | 5% | 5% | 7% | 9% | 10% | 12% | |
| Strategies to increase participation in meals | None | 64% | 52% | 46% | 45% | 40% | 39% | 40% | 41% | .000*** |
| | Weak | 25% | 27% | 35% | 37% | 36% | 41% | 42% | 41% | |
| | Strong | 11% | 21% | 19% | 18% | 23% | 20% | 17% | 18% | |
| Closed campus at lunch | None | -- | -- | 97% | 97% | 96% | 97% | 98% | 97% | .940 |
| | Weak | -- | -- | 2% | 2% | 3% | 2% | 2% | 2% | |
| | Strong | -- | -- | 1% | 1% | 1% | 1% | 0% | 1% | |
| Recess before lunch for elementary students | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Adequate time to eat (20 mins for lunch; 10 mins for breakfast) | None | 52% | 39% | 36% | 37% | 42% | 37% | 37% | 34% | .000*** |
| | Weak | 39% | 52% | 51% | 50% | 45% | 51% | 52% | 52% | |
| | Strong | 9% | 9% | 13% | 13% | 13% | 11% | 11% | 14% | |
| Nutrition-related training for food service staff | None | 76% | 64% | 64% | 66% | 61% | 64% | 65% | 60% | .000*** |
| | Weak | 18% | 20% | 28% | 26% | 28% | 28% | 27% | 30% | |
| | Strong | 6% | 16% | 8% | 8% | 11% | 8% | 8% | 10% | |
| Nutrition information for school meals | None | 82% | 72% | 72% | 74% | 75% | 73% | 74% | 73% | .004** |
| | Weak | 7% | 8% | 12% | 13% | 10% | 10% | 10% | 12% | |
| | Strong | 11% | 20% | 15% | 13% | 15% | 17% | 16% | 16% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| Farm-to-school/cafeteria program | None | 95% | 93% | 91% | 90% | 93% | 91% | 91% | 89% | .001** |
| | Weak | 5% | 6% | 8% | 9% | 6% | 7% | 7% | 8% | |
| | Strong | 1% | 1% | 1% | 1% | 1% | 2% | 3% | 3% | |
| Only 1%/skim milk at meals | None | -- | -- | -- | -- | -- | -- | 10% | 9% | .571 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 2% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| At least 1/2 of grains served are whole grains | None | -- | -- | -- | -- | -- | -- | 11% | 9% | .447 |
| | Weak | -- | -- | -- | -- | -- | -- | 2% | 1% | |
| | Strong | -- | -- | -- | -- | -- | -- | 87% | 89% | |
| Specifies number of fruits & vegetables served at meals | None | -- | -- | -- | 97% | 91% | 91% | 88% | 85% | .000*** |
| | Weak | -- | -- | -- | 1% | 1% | 1% | 2% | 1% | |
| | Strong | -- | -- | -- | 2% | 8% | 8% | 10% | 13% | |
| Provisions for free drinking water at meals | None | -- | -- | -- | -- | -- | 87% | 87% | 80% | .012* |
| | Weak | -- | -- | -- | -- | -- | 3% | 2% | 4% | |
| | Strong | -- | -- | -- | -- | -- | 10% | 11% | 15% | |
| Restrictions on flavored milk at meals | None | -- | -- | -- | -- | -- | -- | 98% | 98% | .645 |
| | Weak | -- | -- | -- | -- | -- | -- | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | -- | 2% | 2% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
| SELECTED POLICIES FOR COMPETITIVE FOODS AND BEVERAGES (See table 7 for additional provisions) | | | | | | | | | | |
| Nutrition guidelines for competitive foods and beverages | None | 24% | 11% | 7% | 7% | 6% | 6% | 7% | 9% | .000*** |
| | Weak | 28% | 30% | 33% | 33% | 39% | 34% | 31% | 26% | |
| | Strong | 47% | 59% | 60% | 60% | 55% | 59% | 63% | 65% | |
| Nutrition guidelines apply to food & beverage contracts | None | 84% | 81% | 70% | 68% | 69% | 63% | 59% | 61% | .000*** |
| | Weak | 3% | 3% | 8% | 7% | 6% | 9% | 11% | 11% | |
| | Strong | 13% | 16% | 22% | 25% | 26% | 28% | 30% | 28% | |
| Meets IOM fruit & vegetable and/or whole grain standard | None | -- | -- | 100% | 100% | 100% | 100% | 100% | 99% | NC |
| | Weak | -- | -- | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Requires only whole, unprocessed & fresh food | None | 53% | 42% | 42% | 42% | 41% | 40% | 38% | 35% | .000*** |
| | Weak | 40% | 43% | 50% | 51% | 53% | 56% | 56% | 56% | |
| | Strong | 7% | 15% | 7% | 7% | 6% | 5% | 6% | 9% | |
| Prohibits using food as a reward | None | 70% | 68% | 61% | 65% | 56% | 57% | 58% | 56% | .000*** |
| | Weak | 22% | 25% | 29% | 25% | 32% | 32% | 30% | 30% | |
| | Strong | 8% | 7% | 10% | 11% | 12% | 11% | 12% | 14% | |
| Nutrition information for competitive foods and beverages | None | 92% | 82% | 90% | 89% | 90% | 91% | 91% | 90% | .093 |
| | Weak | 4% | 5% | 4% | 5% | 4% | 4% | 3% | 3% | |
| | Strong | 4% | 13% | 6% | 6% | 6% | 5% | 6% | 7% | |
| Free water accessible throughout school (not just in cafeteria/gym) | None | 89% | 89% | 87% | 88% | 83% | 86% | 87% | 83% | .009** |
| | Weak | 3% | 4% | 4% | 3% | 3% | 4% | 2% | 3% | |
| | Strong | 8% | 8% | 9% | 9% | 13% | 10% | 10% | 14% | |
| ACCESS RESTRICTIONS | | | | | | | | | | |
| Competitive food and/or beverage ban | None | 99% | 98% | 98% | 98% | 98% | 97% | 99% | 99% | .177 |
| | Weak | 1% | 2% | 2% | 2% | 2% | 3% | 1% | 1% | |
| | Strong | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Bans fast food sales on campus | None | -- | -- | 100% | 99% | 100% | 100% | 100% | 100% | .837 |
| | Weak | -- | -- | 0% | 1% | 0% | 0% | 0% | 0% | |
| | Strong | -- | -- | 0% | 0% | 0% | 0% | 0% | 0% | |
| Vending machine restrictions during the school day | None | 36% | 22% | 16% | 17% | 17% | 17% | 18% | 19% | .000*** |
| | Weak | 52% | 55% | 63% | 57% | 59% | 57% | 57% | 55% | |
| | Strong | 12% | 23% | 21% | 26% | 24% | 26% | 24% | 25% | |
| School store restrictions during the school day | None | 43% | 30% | 26% | 28% | 29% | 28% | 29% | 28% | .000*** |
| | Weak | 47% | 49% | 56% | 48% | 51% | 50% | 50% | 48% | |
| | Strong | 10% | 21% | 18% | 23% | 20% | 22% | 21% | 23% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06–'07 | '07–'08 | '08–'09 | '09–'10 | '10–'11 | '11–'12 | '12–'13 | '13–'14 | Sig. Diff. † |
| À la carte restrictions during meal times | None | 37% | 24% | 16% | 17% | 14% | 15% | 17% | 17% | .000*** |
| | Weak | 52% | 54% | 60% | 55% | 62% | 58% | 57% | 55% | |
| | Strong | 11% | 22% | 24% | 28% | 24% | 27% | 26% | 27% | |
| Classroom parties | None | 48% | 38% | 36% | 36% | 34% | 31% | 33% | 32% | .000*** |
| | Weak | 51% | 53% | 63% | 63% | 64% | 66% | 66% | 66% | |
| | Strong | 1% | 9% | 1% | 1% | 2% | 2% | 1% | 2% | |
| Fundraisers during the school day | None | 52% | 36% | 31% | 29% | 30% | 28% | 28% | 29% | .000*** |
| | Weak | 47% | 55% | 56% | 52% | 51% | 51% | 50% | 51% | |
| | Strong | 1% | 9% | 14% | 20% | 20% | 22% | 21% | 20% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06–'07 | '07–'08 | '08–'09 | '09–'10 | '10–'11 | '11–'12 | '12–'13 | '13–'14 | Sig. Diff. † |
| PHYSICAL EDUCATION (PE) | | | | | | | | | | |
| Physical education provisions | No policy | 28% | 13% | 9% | 7% | 5% | 7% | 7% | 6% | .000*** |
| | PE addressed | 72% | 87% | 91% | 93% | 95% | 93% | 93% | 94% | |
| PE curriculum for each grade | None | 46% | 33% | 29% | 26% | 20% | 22% | 21% | 24% | .000*** |
| | Weak | 19% | 29% | 34% | 31% | 36% | 36% | 38% | 33% | |
| | Strong | 34% | 38% | 37% | 43% | 44% | 42% | 41% | 43% | |
| PE time requirement: ≥ 150 mins/week (ES); ≥ 225 mins/week (MS/HS) | None | 85% | 73% | 78% | 77% | 76% | 74% | 76% | 74% | .018* |
| | Weak | 11% | 23% | 20% | 21% | 22% | 25% | 22% | 23% | |
| | Strong | 4% | 4% | 2% | 2% | 2% | 2% | 2% | 2% | |
| PE required to teach about a physically active lifestyle | None | 43% | 31% | 28% | 28% | 27% | 30% | 30% | 27% | .000*** |
| | Weak | 8% | 7% | 8% | 7% | 8% | 9% | 7% | 8% | |
| | Strong | 49% | 62% | 64% | 64% | 65% | 61% | 63% | 65% | |
| PE competency assessment required | None | 60% | 49% | 48% | 47% | 49% | 51% | 47% | 38% | .000*** |
| | Weak | 14% | 24% | 5% | 5% | 5% | 6% | 5% | 6% | |
| | Strong | 27% | 28% | 47% | 48% | 46% | 43% | 48% | 56% | |
| PE classes, courses, or credits for HS students | None | 84% | 73% | 72% | 74% | 70% | 69% | 65% | 66% | .000*** |
| | Weak | 2% | 10% | 2% | 2% | 1% | 2% | 1% | 2% | |
| | Strong | 14% | 17% | 26% | 24% | 29% | 30% | 33% | 32% | |
| Frequency of PE (strong=daily) | None | 93% | 85% | 94% | 92% | 89% | 91% | 91% | 94% | .424 |
| | Weak | 3% | 13% | 4% | 5% | 8% | 6% | 6% | 3% | |
| | Strong | 4% | 2% | 2% | 3% | 3% | 3% | 2% | 3% | |
| Teacher-student ratio for PE | None | 90% | 81% | 81% | 80% | 79% | 79% | 78% | 75% | .000*** |
| | Weak | 9% | 18% | 18% | 19% | 19% | 19% | 20% | 19% | |
| | Strong | 1% | 1% | 1% | 1% | 2% | 3% | 3% | 6% | |
| Safe/adequate facilities for PE | None | 82% | 72% | 73% | 72% | 73% | 70% | 70% | 66% | .000*** |
| | Weak | 9% | 19% | 16% | 17% | 20% | 20% | 15% | 17% | |
| | Strong | 9% | 9% | 11% | 11% | 7% | 11% | 15% | 17% | |
| PE time for moderate-to-vigorous physical activity (strong: ≥ 50%) | None | 75% | 65% | 61% | 61% | 61% | 57% | 56% | 55% | .000*** |
| | Weak | 20% | 29% | 31% | 32% | 28% | 33% | 37% | 34% | |
| | Strong | 5% | 6% | 8% | 7% | 11% | 10% | 7% | 11% | |
| PE to be taught by state-authorized physical educator | None | 70% | 58% | 56% | 57% | 62% | 59% | 59% | 55% | .000*** |
| | Weak | 10% | 18% | 10% | 10% | 6% | 8% | 9% | 9% | |
| | Strong | 20% | 24% | 34% | 33% | 33% | 34% | 32% | 36% | |
| PE teachers to be trained in PE skills | None | 81% | 79% | 77% | 80% | 80% | 79% | 79% | 78% | .035* |
| | Weak | 10% | 13% | 7% | 5% | 6% | 6% | 4% | 5% | |
| | Strong | 9% | 9% | 16% | 15% | 14% | 15% | 17% | 17% | |
| Prohibits waivers to get out of PE | None | 94% | 94% | 93% | 95% | 93% | 93% | 94% | 90% | .004** |
| | Weak | 3% | 3% | 2% | 1% | 1% | 1% | 1% | 2% | |
| | Strong | 2% | 3% | 4% | 4% | 5% | 6% | 5% | 8% | |
| Annual health assessment in PE class | None | 71% | 60% | 58% | 58% | 58% | 61% | 60% | 58% | .000*** |
| | Weak | 28% | 39% | 41% | 41% | 40% | 35% | 37% | 39% | |
| | Strong | 1% | 1% | 1% | 1% | 2% | 4% | 3% | 3% | |
| Provision of free drinking water in gymnasium | None | -- | -- | -- | -- | -- | 100% | 100% | 100% | NC |
| | Weak | -- | -- | -- | -- | -- | 0% | 0% | 0% | |
| | Strong | -- | -- | -- | -- | -- | 0% | 0% | 0% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| PHYSICAL ACTIVITY (PA) PROVISIONS | | | | | | | | | | |
| Goals for PA | None | 26% | 12% | 9% | 8% | 9% | 7% | 5% | 6% | .000*** |
| | Weak | 2% | 2% | 2% | 2% | 2% | 3% | 3% | 2% | |
| | Strong | 72% | 86% | 89% | 89% | 88% | 91% | 92% | 91% | |
| PA for every grade level | None | 49% | 45% | 36% | 36% | 36% | 32% | 29% | 31% | .000*** |
| | Weak | 23% | 24% | 26% | 25% | 24% | 26% | 26% | 22% | |
| | Strong | 27% | 31% | 38% | 39% | 39% | 42% | 44% | 47% | |
| Amount of time for PA | None | -- | -- | 91% | 93% | 95% | 94% | 92% | 93% | .078 |
| | Weak | -- | -- | 4% | 3% | 2% | 3% | 5% | 4% | |
| | Strong | -- | -- | 4% | 4% | 3% | 3% | 4% | 2% | |
| PA opportunities throughout day (e.g., classroom breaks) | None | 59% | 46% | 48% | 48% | 49% | 48% | 44% | 42% | .000*** |
| | Weak | 34% | 45% | 39% | 38% | 39% | 41% | 42% | 43% | |
| | Strong | 7% | 8% | 13% | 14% | 12% | 11% | 14% | 15% | |
| Community use of facilities for PA | None | 83% | 73% | 72% | 70% | 70% | 72% | 70% | 67% | .000*** |
| | Weak | 7% | 7% | 16% | 16% | 14% | 13% | 15% | 16% | |
| | Strong | 10% | 19% | 12% | 14% | 16% | 16% | 15% | 16% | |
| Safe active routes to school | None | 91% | 91% | 85% | 85% | 86% | 86% | 87% | 83% | .001** |
| | Weak | 3% | 4% | 8% | 8% | 6% | 5% | 6% | 8% | |
| | Strong | 5% | 5% | 7% | 7% | 8% | 8% | 7% | 10% | |
| Prohibit using PA as punishment | None | 80% | 68% | 66% | 67% | 64% | 66% | 65% | 62% | .000*** |
| | Weak | 7% | 18% | 16% | 15% | 16% | 14% | 14% | 13% | |
| | Strong | 13% | 14% | 18% | 17% | 20% | 20% | 21% | 25% | |
| Daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| Less than daily recess for elementary grades | None | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | Weak | -- | -- | -- | -- | -- | -- | -- | -- | |
| | Strong | -- | -- | -- | -- | -- | -- | -- | -- | |
| PA opportunities before/after school (exc. intra/extramural sports) | None | -- | -- | -- | -- | -- | 87% | 86% | 84% | .323 |
| | Weak | -- | -- | -- | -- | -- | 7% | 8% | 8% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 7% | 8% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| COMMUNICATION AND STAKEHOLDER INPUT | | | | | | | | | | |
| Required stakeholders involved in development of wellness policy | None | 62% | 52% | 52% | 52% | 45% | 43% | 42% | 43% | .000*** |
| | Weak | 15% | 23% | 22% | 23% | 26% | 27% | 24% | 18% | |
| | Strong | 23% | 25% | 27% | 25% | 29% | 30% | 35% | 38% | |
| Identify methods to solicit stakeholder input into policy development/ revision | None | 70% | 60% | 54% | 57% | 55% | 60% | 60% | 59% | .004** |
| | Weak | 14% | 16% | 25% | 22% | 21% | 21% | 21% | 18% | |
| | Strong | 16% | 24% | 21% | 22% | 24% | 20% | 19% | 22% | |
| Addresses ways to engage parents and community in policy development/ revision | None | 71% | 58% | 54% | 54% | 57% | 58% | 58% | 54% | .000*** |
| | Weak | 8% | 18% | 13% | 11% | 8% | 9% | 10% | 12% | |
| | Strong | 21% | 24% | 33% | 35% | 35% | 32% | 32% | 34% | |
| Stakeholders involved in periodic reviews of wellness policies | None | -- | -- | -- | -- | -- | 62% | 60% | 54% | .001** |
| | Weak | -- | -- | -- | -- | -- | 26% | 23% | 23% | |
| | Strong | -- | -- | -- | -- | -- | 12% | 17% | 23% | |
| Stakeholders involved in wellness policy update | None | -- | -- | -- | -- | -- | 80% | 80% | 74% | .006** |
| | Weak | -- | -- | -- | -- | -- | 13% | 10% | 11% | |
| | Strong | -- | -- | -- | -- | -- | 7% | 10% | 15% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| STAFF WELLNESS AND MODELING | | | | | | | | | | |
| PA opportunities for school staff | None | 85% | 82% | 73% | 76% | 74% | 74% | 74% | 73% | .000*** |
| | Weak | 11% | 15% | 21% | 18% | 21% | 20% | 20% | 17% | |
| | Strong | 4% | 3% | 6% | 6% | 4% | 6% | 6% | 9% | |
| Staff wellness programs | None | 78% | 65% | 65% | 66% | 66% | 66% | 64% | 61% | .000*** |
| | Strong | 10% | 12% | 12% | 11% | 8% | 9% | 8% | 14% | |
| Staff to role model healthy behaviors | None | 71% | 68% | 63% | 68% | 69% | 64% | 62% | 61% | .018* |
| | Weak | 7% | 8% | 10% | 10% | 10% | 11% | 12% | 12% | |
| | Strong | 22% | 24% | 27% | 22% | 21% | 25% | 26% | 27% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| MARKETING AND PROMOTION | | | | | | | | | | |
| Marketing healthy choices | None | 78% | 77% | 69% | 70% | 71% | 72% | 73% | 72% | .037* |
| | Weak | 16% | 18% | 24% | 24% | 21% | 23% | 23% | 21% | |
| | Strong | 6% | 5% | 7% | 5% | 7% | 5% | 3% | 8% | |
| Restricted marketing | None | 84% | 73% | 78% | 75% | 79% | 78% | 77% | 77% | .003*** |
| | Strong | 7% | 17% | 13% | 15% | 11% | 15% | 14% | 16% | |

| Percentage of Public School <i>Students</i> Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL | | | | | | | | | | |
|---|----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| DISTRICT WELLNESS POLICY PROVISION | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
| EVALUATION AND IMPLEMENTATION | | | | | | | | | | |
| Measuring implementation | None | 29% | 15% | 12% | 13% | 12% | 9% | 9% | 10% | .000*** |
| | Weak | 6% | 7% | 3% | 3% | 6% | 4% | 2% | 3% | |
| | Strong | 65% | 78% | 84% | 84% | 83% | 87% | 89% | 87% | |
| Plan for implementation | None | 32% | 18% | 13% | 15% | 12% | 10% | 9% | 11% | .000*** |
| | Weak | 7% | 7% | 6% | 4% | 7% | 5% | 4% | 3% | |
| | Strong | 61% | 75% | 81% | 81% | 81% | 85% | 87% | 87% | |
| Ongoing health advisory committee | None | 54% | 38% | 33% | 34% | 36% | 35% | 36% | 36% | .000*** |
| | Weak | 10% | 12% | 12% | 12% | 10% | 9% | 10% | 9% | |
| | Strong | 36% | 50% | 55% | 54% | 54% | 56% | 54% | 56% | |
| Body mass index (BMI) screening | None | 83% | 73% | 64% | 63% | 65% | 69% | 68% | 65% | .000*** |
| | Suggested/ encouraged | 8% | 8% | 16% | 18% | 21% | 14% | 14% | 15% | |
| | Req'd for only some grades | 8% | 18% | 18% | 17% | 13% | 14% | 16% | 18% | |
| | Req'd w/o parent reporting | 0% | 0% | 1% | 1% | 1% | 1% | 1% | 0% | |
| Plan for evaluation | None | 60% | 46% | 36% | 41% | 40% | 39% | 37% | 34% | .000*** |
| | Weak | 33% | 44% | 47% | 43% | 47% | 47% | 49% | 48% | |
| | Strong | 8% | 10% | 17% | 16% | 13% | 15% | 15% | 18% | |
| Reporting on policy compliance and/or implementation | None | 57% | 44% | 43% | 43% | 39% | 39% | 41% | 44% | .000*** |
| | Weak | 20% | 28% | 24% | 22% | 20% | 21% | 19% | 19% | |
| | Strong | 24% | 28% | 33% | 35% | 40% | 40% | 39% | 37% | |
| Funding for policy implementation | None | 94% | 95% | 93% | 95% | 95% | 94% | 95% | 97% | .016* |
| | Weak | 5% | 4% | 6% | 4% | 5% | 6% | 4% | 3% | |
| | Strong | 1% | 1% | 1% | 1% | 0% | 0% | 0% | 0% | |
| Plan for policy revision | None | 69% | 65% | 57% | 59% | 56% | 55% | 53% | 53% | .000*** |
| | Weak | 9% | 7% | 9% | 9% | 9% | 10% | 10% | 10% | |
| | Strong | 22% | 28% | 34% | 32% | 35% | 36% | 36% | 37% | |
| Requires district to report to state | None | 100% | 100% | 97% | 97% | 96% | 98% | 98% | 99% | .021* |
| | Weak | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong | 0% | 0% | 3% | 2% | 4% | 2% | 2% | 1% | |

Percentage of Public School Students Nationwide by School Year and Grade Level of Policy Applicability – HIGH SCHOOL

| DISTRICT WELLNESS POLICY PROVISION | | PROVISION STRENGTH | '06-'07 | '07-'08 | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|
| REPORTING REQUIREMENTS (Added in SY '10-'11) | | | | | | | | | | | |
| Requires district to post wellness policy on website | None | None | -- | -- | -- | -- | 99% | 98% | 96% | 96% | .033* |
| | Weak | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 1% | |
| | Strong | Strong | -- | -- | -- | -- | 1% | 2% | 4% | 3% | |
| Requires district to post wellness policy elsewhere (non-website) | None | None | -- | -- | -- | -- | 91% | 89% | 86% | 82% | .000*** |
| | Weak | Weak | -- | -- | -- | -- | 5% | 4% | 6% | 6% | |
| | Strong | Strong | -- | -- | -- | -- | 4% | 7% | 8% | 12% | |
| Requires district to submit wellness policy to state | None | None | -- | -- | -- | -- | 99% | 99% | 99% | 99% | .436 |
| | Weak | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | Strong | -- | -- | -- | -- | 1% | 1% | 0% | 1% | |
| Requires district to report to public on policy implementation | None | None | -- | -- | -- | -- | 85% | 80% | 78% | 71% | .000*** |
| | Weak | Weak | -- | -- | -- | -- | 1% | 2% | 2% | 2% | |
| | Strong | Strong | -- | -- | -- | -- | 14% | 17% | 20% | 27% | |
| Requires district to report to board on policy implementation | None | None | -- | -- | -- | -- | 43% | 42% | 45% | 47% | .241 |
| | Weak | Weak | -- | -- | -- | -- | 2% | 1% | 2% | 1% | |
| | Strong | Strong | -- | -- | -- | -- | 56% | 57% | 54% | 52% | |
| Requires district to report to state on policy implementation | None | None | -- | -- | -- | -- | 97% | 96% | 98% | 98% | .618 |
| | Weak | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 0% | |
| | Strong | Strong | -- | -- | -- | -- | 3% | 4% | 2% | 2% | |
| Requires district to report to other group / other stakeholders | None | None | -- | -- | -- | -- | 95% | 93% | 94% | 94% | .208 |
| | Weak | Weak | -- | -- | -- | -- | 1% | 0% | 0% | 0% | |
| | Strong | Strong | -- | -- | -- | -- | 4% | 6% | 6% | 6% | |
| Requires district to report on food safety inspections | None | None | -- | -- | -- | -- | 98% | 95% | 94% | 93% | .014* |
| | Weak | Weak | -- | -- | -- | -- | 0% | 0% | 0% | 4% | |
| | Strong | Strong | -- | -- | -- | -- | 2% | 5% | 5% | 3% | |
| Requires district to report wellness policy compliance data | None | None | -- | -- | -- | -- | 44% | 43% | 43% | 46% | .631 |
| | Weak | Weak | -- | -- | -- | -- | 2% | 2% | 2% | 1% | |
| | Strong | Strong | -- | -- | -- | -- | 54% | 55% | 55% | 53% | |
| Requires district to report on school meal program participation | None | None | -- | -- | -- | -- | 96% | 93% | 93% | 93% | .063 |
| | Weak | Weak | -- | -- | -- | -- | 0% | 1% | 1% | 1% | |
| | Strong | Strong | -- | -- | -- | -- | 3% | 6% | 6% | 6% | |
| Requires district to report on nutritional quality of meal program | None | None | -- | -- | -- | -- | 86% | 80% | 78% | 77% | .002** |
| | Weak | Weak | -- | -- | -- | -- | 3% | 4% | 4% | 5% | |
| | Strong | Strong | -- | -- | -- | -- | 11% | 16% | 18% | 18% | |
| Requires district to report on competitive foods/beverages sold | None | None | -- | -- | -- | -- | 91% | 89% | 89% | 87% | .081 |
| | Weak | Weak | -- | -- | -- | -- | 4% | 4% | 4% | 5% | |
| | Strong | Strong | -- | -- | -- | -- | 5% | 7% | 7% | 8% | |
| Requires district to report on PE/PA requirements | None | None | -- | -- | -- | -- | 91% | 91% | 91% | 89% | .641 |
| | Weak | Weak | -- | -- | -- | -- | 2% | 2% | 1% | 3% | |
| | Strong | Strong | -- | -- | -- | -- | 7% | 7% | 8% | 8% | |
| Requires district to report aggregate fitness assessment results | None | None | -- | -- | -- | -- | 92% | 90% | 92% | 87% | .170 |
| | Weak | Weak | -- | -- | -- | -- | 1% | 1% | 0% | 3% | |
| | Strong | Strong | -- | -- | -- | -- | 7% | 10% | 8% | 10% | |
| Requires district to report on student BMI screening (aggregate) | None | None | -- | -- | -- | -- | 99% | 97% | 96% | 96% | .001** |
| | Weak | Weak | -- | -- | -- | -- | 0% | 1% | 0% | 1% | |
| | Strong | Strong | -- | -- | -- | -- | 0% | 2% | 3% | 3% | |
| Requires district to report other (e.g., School Health Index) | None | None | -- | -- | -- | -- | 82% | 81% | 82% | 80% | .229 |
| | Weak | Weak | -- | -- | -- | -- | 7% | 6% | 4% | 4% | |
| | Strong | Strong | -- | -- | -- | -- | 11% | 13% | 13% | 16% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

Significance levels: *p<.05 **p<.01 ***p<.001

NC: significance level could not be calculated due to lack of variation over time.

†Significant change from first year of data collection for the given variable (e.g., SY '06 – '07 for some, SY '11 – '12 for others, etc.) through SY '13 – '14, based on linear regression models.

Student-weighted Competitive Food and Beverage Content Restrictions

The following tables summarize restrictions on competitive foods and/or beverages for school years 2008-09 through 2013-14. These restrictions are analyzed by each location of sale. Table F-1 represents the percent of public school *students* enrolled in a district nationwide with competitive food provisions across all grade levels. Tables F-2, F-3, and F-4 represent the percent of public school *students* enrolled in a district nationwide with competitive food provisions at the elementary, middle, and high school levels, respectively.

We defined **STRONG POLICY PROVISIONS** as those that required action and specified an implementation plan or strategy. They included language such as *shall, must, require, comply, and enforce*. **WEAK POLICY PROVISIONS** offered suggestions or recommendations, and some required action but only for certain grade levels or times of day. They included language such as *should, might, encourage, some, make an effort to, partial, and try*.

Table F-1. Percentage of Public School STUDENTS Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, All Grades, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Students</i> Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 37% | 37% | 38% | 35% | 32% | 33% | .426 |
| | Weak policy | 21% | 22% | 23% | 22% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 12% | 11% | 9% | 10% | 11% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 19% | 19% | 19% | 21% | 22% | 22% | |
| | Competitive food or location ban | 11% | 12% | 12% | 11% | 11% | 10% | |
| Limits on candy | No policy/provision | 55% | 55% | 57% | 60% | 60% | 60% | .911 |
| | Weak policy | 24% | 20% | 16% | 15% | 13% | 14% | |
| | Strong policy | 9% | 12% | 15% | 15% | 16% | 16% | |
| | Competitive food or location ban | 11% | 12% | 12% | 11% | 11% | 10% | |
| Fat content of foods | No policy/provision | 25% | 23% | 30% | 27% | 24% | 26% | .943 |
| | Weak policy | 23% | 25% | 22% | 21% | 21% | 18% | |
| | Strong policy: Did not meet IOM | 24% | 24% | 19% | 22% | 26% | 30% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 16% | 15% | 17% | 19% | 18% | 16% | |
| | Competitive food or location ban | 11% | 12% | 12% | 11% | 11% | 10% | |
| Trans fats in foods | No policy/provision | 61% | 55% | 53% | 50% | 47% | 44% | .000*** |
| | Weak policy | 16% | 18% | 17% | 18% | 20% | 19% | |
| | Strong policy: Did not meet IOM | 9% | 8% | 9% | 7% | 5% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 7% | 9% | 14% | 16% | 23% | |
| | Competitive food or location ban | 11% | 12% | 12% | 11% | 11% | 10% | |
| Sodium content of foods | No policy/provision | 59% | 55% | 58% | 55% | 57% | 58% | .394 |
| | Weak policy | 17% | 20% | 19% | 19% | 17% | 15% | |
| | Strong policy: Did not meet IOM | 12% | 13% | 9% | 12% | 13% | 13% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 2% | 4% | |
| | Competitive food or location ban | 11% | 12% | 12% | 11% | 11% | 10% | |
| Calorie content per individual serving of snack item | No policy/provision | 65% | 66% | 64% | 60% | 60% | 56% | .001** |
| | Weak policy | 5% | 5% | 7% | 7% | 6% | 6% | |
| | Strong policy: Did not meet IOM | 11% | 10% | 8% | 10% | 11% | 13% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 7% | 6% | 9% | 11% | 13% | 16% | |
| | Competitive food or location ban | 11% | 12% | 11% | 11% | 11% | 10% | |
| Sugar content of beverages | No policy/provision | 39% | 38% | 41% | 38% | 36% | 35% | .525 |
| | Weak policy | 43% | 42% | 43% | 45% | 46% | 46% | |
| | Strong policy: Met IOM (added sugars prohibited) | 10% | 11% | 8% | 9% | 10% | 12% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |

| | | Percentage of Public School Students Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|---|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Calorie content of beverages | No policy/provision | 77% | 75% | 77% | 76% | 75% | 73% | .343 |
| | Weak policy | 10% | 12% | 10% | 10% | 11% | 11% | |
| | Strong policy | 4% | 4% | 5% | 5% | 6% | 8% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Regular soda | No policy/provision | 28% | 31% | 32% | 31% | 30% | 29% | .410 |
| | Weak policy | 16% | 10% | 11% | 11% | 9% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 37% | 39% | 40% | 41% | 43% | 44% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 8% | 9% | 10% | 12% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| SSBs other than soda | No policy/provision | 61% | 60% | 62% | 60% | 60% | 60% | .830 |
| | Weak policy | 20% | 20% | 22% | 23% | 22% | 20% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 8% | 9% | 10% | 12% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Sugar/calorie content of milk | No policy/provision | 67% | 68% | 71% | 67% | 61% | 57% | .007** |
| | Weak policy | 4% | 4% | 3% | 3% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 18% | 18% | 15% | 20% | 25% | 28% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Fat content of milk | No policy/provision | 53% | 53% | 58% | 56% | 55% | 54% | .748 |
| | Weak policy | 25% | 25% | 23% | 26% | 26% | 25% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 11% | 10% | 11% | 14% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Serving size limits for beverages | No policy/provision | 56% | 52% | 55% | 53% | 54% | 52% | .211 |
| | Weak policy | 27% | 27% | 28% | 29% | 27% | 26% | |
| | Strong policy: Did not meet IOM | 9% | 11% | 9% | 10% | 10% | 12% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Caffeine content of beverages | No policy/provision | 55% | 56% | 59% | 57% | 54% | 54% | .834 |
| | Weak policy | 16% | 14% | 13% | 14% | 16% | 16% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 20% | 21% | 19% | 21% | 23% | 22% | |
| | Competitive food or location ban | 9% | 9% | 8% | 8% | 8% | 8% | |
| Require water for sale | No policy/provision | -- | -- | -- | 38% | 36% | 35% | .296 |
| | Weak policy | -- | -- | -- | 45% | 46% | 45% | |
| | Strong policy | -- | -- | -- | 9% | 10% | 11% | |
| | Competitive food or location ban | -- | -- | -- | 8% | 8% | 8% | |

| | | Percentage of Public School Students Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|------------------------------------|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 44% | 45% | 46% | 43% | 39% | 39% | .166 |
| | Weak policy | 21% | 22% | 22% | 22% | 23% | 21% | |
| | Strong policy: Did not meet IOM | 10% | 8% | 7% | 8% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 19% | 18% | 19% | 20% | 22% | 22% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |
| Limits on candy | No policy/provision | 61% | 62% | 64% | 66% | 65% | 65% | .969 |
| | Weak policy | 22% | 19% | 17% | 14% | 12% | 13% | |
| | Strong policy | 10% | 13% | 13% | 14% | 16% | 16% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |
| Fat content of foods | No policy/provision | 32% | 31% | 38% | 34% | 32% | 32% | .450 |
| | Weak policy | 23% | 26% | 22% | 22% | 20% | 18% | |
| | Strong policy: Did not meet IOM | 22% | 22% | 20% | 20% | 25% | 29% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 15% | 14% | 18% | 18% | 16% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |
| Trans fats in foods | No policy/provision | 67% | 62% | 60% | 58% | 54% | 49% | .000*** |
| | Weak policy | 17% | 19% | 17% | 18% | 19% | 18% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 7% | 5% | 4% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 7% | 9% | 13% | 16% | 24% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sodium content of foods | No policy/provision | 65% | 61% | 64% | 61% | 63% | 62% | .117 |
| | Weak policy | 17% | 20% | 18% | 19% | 16% | 15% | |
| | Strong policy: Did not meet IOM | 12% | 12% | 8% | 11% | 12% | 12% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 4% | 3% | 3% | 5% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |
| Calorie content per individual serving of snack item | No policy/provision | 73% | 76% | 75% | 71% | 69% | 62% | .000*** |
| | Weak policy | 3% | 3% | 3% | 5% | 3% | 4% | |
| | Strong policy: Did not meet IOM | 9% | 8% | 6% | 8% | 9% | 12% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 8% | 6% | 10% | 11% | 13% | 16% | |
| | Competitive food or location ban | 7% | 6% | 6% | 6% | 6% | 6% | |
| Sugar content of beverages | No policy/provision | 45% | 46% | 49% | 46% | 43% | 41% | .402 |
| | Weak policy | 40% | 39% | 40% | 42% | 43% | 43% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 9% | 6% | 7% | 8% | 10% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 6% | 6% | |
| Calorie content of beverages | No policy/provision | 81% | 80% | 82% | 81% | 80% | 77% | .237 |
| | Weak policy | 9% | 10% | 8% | 8% | 9% | 9% | |
| | Strong policy | 3% | 4% | 5% | 5% | 6% | 8% | |
| | Competitive food or location ban | 6% | 6% | 5% | 6% | 6% | 6% | |
| Regular soda | No policy/provision | 35% | 39% | 44% | 42% | 41% | 38% | .539 |
| | Weak policy | 15% | 9% | 8% | 8% | 6% | 6% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 34% | 36% | 37% | 37% | 39% | 40% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 9% | 6% | 7% | 8% | 10% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 6% | 6% | |
| SSBs other than soda | No policy/provision | 67% | 66% | 68% | 68% | 67% | 65% | .593 |
| | Weak policy | 18% | 19% | 20% | 20% | 20% | 19% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 8% | 9% | 6% | 7% | 8% | 10% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 6% | 6% | |
| Sugar/calorie content of milk | No policy/provision | 71% | 73% | 76% | 71% | 66% | 61% | .005** |
| | Weak policy | 4% | 4% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 17% | 16% | 14% | 19% | 23% | 26% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 6% | 6% | 5% | 6% | 6% | 6% | |
| Fat content of milk | No policy/provision | 58% | 59% | 65% | 63% | 62% | 59% | .916 |
| | Weak policy | 23% | 21% | 20% | 23% | 23% | 22% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 12% | 13% | 9% | 8% | 9% | 13% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 6% | 6% | |
| Serving size limits for beverages | No policy/provision | 61% | 59% | 61% | 60% | 61% | 56% | .076 |
| | Weak policy | 26% | 26% | 26% | 26% | 24% | 25% | |
| | Strong policy: Did not meet IOM | 7% | 9% | 7% | 8% | 9% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 6% | 6% | 5% | 6% | 6% | 6% | |
| Caffeine content of beverages | No policy/provision | 60% | 62% | 65% | 63% | 59% | 58% | .534 |
| | Weak policy | 16% | 13% | 12% | 14% | 16% | 15% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 18% | 18% | 17% | 18% | 20% | 21% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 6% | 6% | |
| Require water for sale | No policy/provision | -- | -- | -- | 48% | 44% | 42% | .063 |
| | Weak policy | -- | -- | -- | 40% | 42% | 43% | |
| | Strong policy | -- | -- | -- | 7% | 8% | 10% | |
| | Competitive food or location ban | -- | -- | -- | 6% | 6% | 6% | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|------------------------------|--|--|---------|---------|---------|---------|---------|----------------|
| PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 40% | 41% | 42% | 40% | 37% | 36% | .451 |
| | Weak policy | 26% | 27% | 28% | 28% | 28% | 27% | |
| | Strong policy: Did not meet IOM | 10% | 9% | 7% | 8% | 9% | 11% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 20% | 19% | 20% | 21% | 23% | 24% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |

**Percentage of Public School Students Nationwide by School Year
– ALL GRADES COMBINED**

| PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--|---------------------|---------|---------|---------|---------|---------|-------------|
| Limits on candy | No policy/provision | 40% | 45% | 42% | 46% | 43% | 39% | .612 |
| | Weak policy | 44% | 36% | 38% | 32% | 33% | 38% | |
| | Strong policy | 11% | 16% | 16% | 19% | 21% | 20% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |
| Fat content of foods | No policy/provision | 27% | 25% | 31% | 29% | 27% | 27% | .991 |
| | Weak policy | 26% | 29% | 26% | 25% | 23% | 21% | |
| | Strong policy: Did not meet IOM | 25% | 26% | 24% | 23% | 29% | 32% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 17% | 16% | 16% | 20% | 19% | 17% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |
| Trans fats in foods | No policy/provision | 63% | 57% | 56% | 54% | 50% | 46% | .000*** |
| | Weak policy | 20% | 22% | 21% | 22% | 24% | 23% | |
| | Strong policy: Did not meet IOM | 11% | 9% | 10% | 8% | 6% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 7% | 9% | 13% | 17% | 25% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |
| Sodium content of foods | No policy/provision | 65% | 61% | 64% | 62% | 65% | 62% | .328 |
| | Weak policy | 18% | 22% | 20% | 21% | 18% | 16% | |
| | Strong policy: Did not meet IOM | 13% | 14% | 10% | 12% | 12% | 14% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 3% | 4% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |
| Calorie content per individual serving of snack item | No policy/provision | 74% | 75% | 74% | 72% | 70% | 63% | .001** |
| | Weak policy | 3% | 4% | 6% | 5% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 11% | 11% | 9% | 10% | 11% | 13% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 7% | 6% | 9% | 10% | 13% | 18% | |
| | Competitive food or location ban | 5% | 4% | 3% | 3% | 3% | 3% | |
| Sugar content of beverages | No policy/provision | 41% | 41% | 43% | 41% | 39% | 38% | .700 |
| | Weak policy | 45% | 45% | 46% | 48% | 49% | 48% | |
| | Strong policy: Met IOM (added sugars prohibited) | 10% | 11% | 8% | 8% | 9% | 11% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| Calorie content of beverages | No policy/provision | 81% | 81% | 84% | 83% | 82% | 79% | .732 |
| | Weak policy | 10% | 11% | 9% | 9% | 10% | 11% | |
| | Strong policy | 4% | 5% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Regular soda | No policy/provision | 24% | 28% | 26% | 28% | 26% | |
| Weak policy | 6% | 5% | 5% | 5% | 4% | 3% | | |
| Strong policy: Did not meet IOM (bans regular soda only) | 56% | 53% | 58% | 57% | 58% | 58% | | |
| Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 8% | 8% | 9% | 11% | | |
| Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | | |
| SSBs other than soda | No policy/provision | 63% | 62% | 64% | 63% | 63% | 62% | .973 |
| | Weak policy | 23% | 24% | 26% | 26% | 25% | 24% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 8% | 8% | 9% | 11% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| Sugar/calorie content of milk | No policy/provision | 69% | 70% | 74% | 68% | 63% | 59% | .002** |
| | Weak policy | 4% | 4% | 3% | 3% | 2% | 3% | |
| | Strong policy: Did not meet IOM | 21% | 21% | 19% | 24% | 30% | 32% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| Fat content of milk | No policy/provision | 57% | 59% | 63% | 61% | 62% | 59% | .731 |
| | Weak policy | 25% | 24% | 22% | 24% | 24% | 23% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 12% | 12% | 12% | 15% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| Serving size limits for beverages | No policy/provision | 57% | 55% | 58% | 56% | 56% | 53% | .135 |
| | Weak policy | 29% | 30% | 30% | 31% | 30% | 29% | |
| | Strong policy: Did not meet IOM | 9% | 11% | 8% | 10% | 10% | 13% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |
| Caffeine content of beverages | No policy/provision | 56% | 58% | 60% | 58% | 54% | 56% | .851 |
| | Weak policy | 16% | 14% | 13% | 14% | 15% | 15% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 24% | 25% | 24% | 25% | 28% | 27% | |
| | Competitive food or location ban | 4% | 3% | 3% | 3% | 3% | 3% | |

**Percentage of Public School Students Nationwide by School Year
– ALL GRADES COMBINED**

| PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|------------------------|----------------------------------|---------|---------|---------|---------|---------|---------|-------------|
| Require water for sale | No policy/provision | -- | -- | -- | 43% | 40% | 38% | .125 |
| | Weak policy | -- | -- | -- | 46% | 48% | 48% | |
| | Strong policy | -- | -- | -- | 8% | 9% | 11% | |
| | Competitive food or location ban | -- | -- | -- | 3% | 3% | 3% | |

**Percentage of Public School Students Nationwide by School Year
– ALL GRADES COMBINED**

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--|---------|---------|---------|---------|---------|---------|-------------|
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 79% | 82% | 84% | 81% | 82% | 85% | .553 |
| | Weak policy | 19% | 17% | 13% | 16% | 15% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 0% | 0% | 0% | 1% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 2% | 1% | 3% | 3% | 3% | 3% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Limits on candy | No policy/provision | 88% | 87% | 89% | 89% | 90% | 88% | .807 |
| | Weak policy | 10% | 11% | 9% | 9% | 9% | 10% | |
| | Strong policy | 2% | 2% | 2% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 70% | 69% | 72% | 69% | 69% | 73% | .854 |
| | Weak policy | 27% | 29% | 24% | 27% | 27% | 23% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 2% | 1% | 2% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 2% | 2% | 2% | 2% | 2% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Trans fats in foods | No policy/provision | 91% | 89% | 89% | 88% | 88% | 89% | .184 |
| | Weak policy | 8% | 10% | 9% | 9% | 10% | 8% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 2% | 1% | 0% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sodium content of foods | No policy/provision | 80% | 77% | 77% | 77% | 76% | 77% | .137 |
| | Weak policy | 20% | 23% | 21% | 22% | 21% | 20% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 2% | 3% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content per individual serving of snack item | No policy/provision | 93% | 93% | 93% | 92% | 92% | 92% | .431 |
| | Weak policy | 6% | 6% | 5% | 6% | 6% | 5% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 1% | 1% | 0% | 1% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar content of beverages | No policy/provision | 82% | 84% | 89% | 86% | 86% | 86% | .253 |
| | Weak policy | 17% | 15% | 10% | 13% | 13% | 12% | |
| | Strong policy: Met IOM (added sugars prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content of beverages | No policy/provision | 99% | 98% | 99% | 99% | 99% | 97% | .330 |
| | Weak policy | 1% | 2% | 1% | 1% | 1% | 2% | |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Regular soda | No policy/provision | 79% | 79% | 82% | 81% | 81% | 82% | .888 |
| | Weak policy | 13% | 12% | 7% | 9% | 9% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 7% | 8% | 9% | 10% | 9% | 9% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| SSBs other than soda | No policy/provision | 91% | 92% | 94% | 93% | 94% | 94% | .406 |
| | Weak policy | 8% | 7% | 5% | 7% | 5% | 5% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar/calorie content of milk | No policy/provision | 92% | 93% | 96% | 94% | 93% | 94% | .933 |
| | Weak policy | 7% | 6% | 3% | 5% | 6% | 4% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Fat content of milk | No policy/provision | 86% | 87% | 90% | 89% | 89% | 90% | .594 |
| | Weak policy | 13% | 12% | 8% | 10% | 10% | 8% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 1% | 1% | 2% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Serving size limits for beverages | No policy/provision | 90% | 90% | 92% | 91% | 94% | 92% | .688 |
| | Weak policy | 10% | 9% | 7% | 8% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 1% | 1% | 1% | 2% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 87% | 89% | 92% | 90% | 89% | 91% | .803 |
| | Weak policy | 11% | 9% | 6% | 8% | 8% | 6% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 2% | 2% | 2% | 2% | 3% | 3% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 57% | 57% | 55% | 52% | 48% | 50% | .021* |
| | Weak policy | 14% | 16% | 17% | 17% | 18% | 16% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 6% | 7% | 6% | 8% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 14% | 12% | 15% | 18% | 21% | 21% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Limits on candy | No policy/provision | 72% | 69% | 70% | 71% | 71% | 73% | .573 |
| | Weak policy | 14% | 14% | 11% | 8% | 7% | 7% | |
| | Strong policy | 8% | 11% | 12% | 14% | 15% | 15% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Fat content of foods | No policy/provision | 52% | 48% | 51% | 47% | 45% | 46% | .049* |
| | Weak policy | 12% | 16% | 13% | 14% | 12% | 10% | |
| | Strong policy: Did not meet IOM | 22% | 22% | 20% | 20% | 23% | 25% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 8% | 8% | 9% | 13% | 14% | 13% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Trans fats in foods | No policy/provision | 72% | 69% | 65% | 67% | 66% | 65% | .024* |
| | Weak policy | 15% | 17% | 17% | 17% | 18% | 18% | |
| | Strong policy: Did not meet IOM | 7% | 6% | 6% | 5% | 4% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Sodium content of foods | No policy/provision | 78% | 71% | 74% | 73% | 74% | 74% | .053 |
| | Weak policy | 7% | 12% | 9% | 10% | 7% | 6% | |
| | Strong policy: Did not meet IOM | 9% | 10% | 7% | 9% | 9% | 10% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 3% | 4% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Calorie content per individual serving of snack item | No policy/provision | 80% | 79% | 77% | 73% | 70% | 67% | .000*** |
| | Weak policy | 1% | 2% | 2% | 4% | 3% | 4% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 7% | 9% | 10% | 12% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 4% | 3% | 7% | 8% | 9% | 12% | |
| | Competitive food or location ban | 6% | 7% | 6% | 6% | 7% | 5% | |
| Sugar content of beverages | No policy/provision | 59% | 57% | 58% | 54% | 51% | 51% | .090 |
| | Weak policy | 30% | 30% | 30% | 33% | 36% | 35% | |
| | Strong policy: Met IOM (added sugars prohibited) | 5% | 7% | 6% | 7% | 6% | 8% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Calorie content of beverages | No policy/provision | 91% | 88% | 86% | 85% | 84% | 84% | .037* |
| | Weak policy | 3% | 5% | 4% | 5% | 5% | 6% | |
| | Strong policy | 0% | 1% | 4% | 4% | 4% | 5% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Regular soda | No policy/provision | 53% | 51% | 52% | 50% | 47% | 48% | .025* |
| | Weak policy | 13% | 8% | 8% | 8% | 5% | 5% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 23% | 27% | 27% | 30% | 34% | 33% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 7% | 6% | 7% | 6% | 8% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ALL GRADES COMBINED | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 76% | 72% | 72% | 71% | 71% | 69% | .117 |
| | Weak policy | 13% | 15% | 15% | 16% | 16% | 17% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 7% | 6% | 7% | 6% | 8% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Sugar/calorie content of milk | No policy/provision | 77% | 76% | 78% | 73% | 69% | 67% | .016* |
| | Weak policy | 1% | 2% | 1% | 1% | 1% | 2% | |
| | Strong policy: Did not meet IOM | 14% | 14% | 13% | 18% | 21% | 24% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 1% | 2% | 3% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Fat content of milk | No policy/provision | 70% | 68% | 71% | 68% | 66% | 66% | .162 |
| | Weak policy | 18% | 18% | 16% | 19% | 20% | 19% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 7% | 7% | 7% | 7% | 7% | 10% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Serving size limits for beverages | No policy/provision | 73% | 69% | 69% | 67% | 66% | 66% | .035* |
| | Weak policy | 17% | 18% | 18% | 19% | 18% | 18% | |
| | Strong policy: Did not meet IOM | 5% | 7% | 6% | 8% | 8% | 9% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |
| Caffeine content of beverages | No policy/provision | 68% | 68% | 68% | 66% | 63% | 64% | .168 |
| | Weak policy | 12% | 11% | 10% | 12% | 12% | 12% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 14% | 16% | 16% | 16% | 18% | 18% | |
| | Competitive food or location ban | 6% | 6% | 6% | 6% | 7% | 5% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.
† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.
Significance levels: *p<.05 **p<.01 ***p<.001

Table F-2. Percentage of Public Elementary School STUDENTS Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 29% | 29% | 30% | 28% | 26% | 28% | .694 |
| | Weak policy | 15% | 14% | 15% | 14% | 14% | 13% | |
| | Strong policy: Did not meet IOM | 11% | 11% | 8% | 9% | 11% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 20% | 18% | 18% | 22% | 22% | 21% | |
| | Competitive food or location ban | 26% | 28% | 29% | 27% | 26% | 25% | |
| Limits on candy | No policy/provision | 45% | 47% | 49% | 52% | 53% | 52% | .471 |
| | Weak policy | 23% | 19% | 16% | 15% | 15% | 16% | |
| | Strong policy | 6% | 6% | 7% | 6% | 6% | 7% | |
| | Competitive food or location ban | 26% | 28% | 29% | 27% | 26% | 25% | |
| Fat content of foods | No policy/provision | 21% | 19% | 23% | 21% | 20% | 22% | .959 |
| | Weak policy | 18% | 21% | 17% | 18% | 17% | 15% | |
| | Strong policy: Did not meet IOM | 14% | 14% | 12% | 10% | 13% | 15% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 21% | 19% | 19% | 24% | 24% | 23% | |
| | Competitive food or location ban | 26% | 28% | 29% | 27% | 26% | 25% | |
| Limits amount of trans fats in foods | No policy/provision | 54% | 48% | 44% | 43% | 42% | 41% | .000*** |
| | Weak policy | 10% | 9% | 11% | 11% | 11% | 10% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 7% | 6% | 4% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 8% | 9% | 14% | 17% | 22% | |
| | Competitive food or location ban | 26% | 28% | 29% | 27% | 26% | 25% | |
| Sodium content of foods | No policy/provision | 47% | 42% | 44% | 42% | 45% | 46% | .724 |
| | Weak policy | 15% | 19% | 17% | 18% | 15% | 14% | |
| | Strong policy: Did not meet IOM | 11% | 11% | 9% | 12% | 13% | 13% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 26% | 28% | 29% | 27% | 26% | 25% | |
| Calorie content per individual serving of snack item | No policy/provision | 52% | 52% | 50% | 47% | 46% | 44% | .047* |
| | Weak policy | 3% | 3% | 4% | 5% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 4% | 5% | 4% | 4% | 4% | 4% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 15% | 12% | 14% | 18% | 21% | 24% | |
| | Competitive food or location ban | 26% | 28% | 28% | 27% | 26% | 25% | |
| Sugar content of beverages | No policy/provision | 34% | 33% | 34% | 33% | 32% | 32% | .789 |
| | Weak policy | 29% | 26% | 29% | 33% | 31% | 30% | |
| | Strong policy: Met IOM (added sugars prohibited) | 16% | 19% | 14% | 13% | 16% | 18% | |
| | Competitive food or location ban | 21% | 22% | 22% | 21% | 21% | 20% | |
| Calorie content of beverages | No policy/provision | 67% | 64% | 64% | 65% | 64% | 63% | .613 |
| | Weak policy | 9% | 11% | 10% | 10% | 10% | 10% | |
| | Strong policy | 3% | 4% | 4% | 4% | 5% | 7% | |
| | Competitive food or location ban | 21% | 21% | 22% | 21% | 21% | 20% | |
| Regular soda | No policy/provision | 22% | 26% | 27% | 26% | 25% | 24% | .928 |
| | Weak policy | 9% | 8% | 8% | 8% | 6% | 6% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 32% | 26% | 29% | 31% | 31% | 33% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 16% | 19% | 14% | 13% | 16% | 18% | |
| | Competitive food or location ban | 21% | 22% | 22% | 21% | 21% | 20% | |
| SSBs other than soda | No policy/provision | 42% | 41% | 42% | 41% | 38% | 39% | .688 |
| | Weak policy | 21% | 19% | 21% | 25% | 25% | 23% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 16% | 19% | 14% | 13% | 16% | 18% | |
| | Competitive food or location ban | 21% | 22% | 22% | 21% | 21% | 20% | |
| Sugar/calorie content of milk | No policy/provision | 59% | 61% | 62% | 61% | 56% | 54% | .286 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 14% | 13% | 12% | 14% | 18% | 20% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 21% | 21% | 22% | 21% | 21% | 20% | |
| Fat content of milk | No policy/provision | 43% | 43% | 45% | 44% | 44% | 44% | .948 |
| | Weak policy | 24% | 24% | 24% | 27% | 26% | 23% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 12% | 12% | 8% | 8% | 9% | 13% | |
| | Competitive food or location ban | 21% | 22% | 22% | 21% | 21% | 20% | |

| | | Percentage of Public School Students Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Serving size limits for beverages | No policy/provision | 55% | 50% | 51% | 52% | 55% | 53% | .569 |
| | Weak policy | 14% | 15% | 17% | 15% | 11% | 11% | |
| | Strong policy: Did not meet IOM | 10% | 13% | 10% | 11% | 12% | 14% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | Competitive food or location ban | 21% | 21% | 22% | 21% | 21% | 20% | .341 |
| | No policy/provision | 41% | 41% | 41% | 40% | 37% | 39% | |
| | Weak policy | 6% | 6% | 6% | 6% | 5% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 32% | 31% | 30% | 33% | 37% | 37% | |
| Require water for sale | Competitive food or location ban | 21% | 22% | 22% | 21% | 21% | 20% | .429 |
| | No policy/provision | -- | -- | -- | 36% | 35% | 33% | |
| | Weak policy | -- | -- | -- | 30% | 29% | 29% | |
| | Strong policy | -- | -- | -- | 13% | 15% | 17% | |
| | Competitive food or location ban | -- | -- | -- | 21% | 21% | 20% | |

| | | Percentage of Public School Students Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 38% | 42% | 42% | 38% | 35% | 35% | .313 |
| | Weak policy | 16% | 16% | 16% | 16% | 14% | 13% | |
| | Strong policy: Did not meet IOM | 9% | 8% | 7% | 8% | 10% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 21% | 19% | 19% | 22% | 24% | 24% | |
| | Competitive food or location ban | 16% | 16% | 16% | 16% | 16% | 15% | |
| Limits on candy | No policy/provision | 54% | 58% | 62% | 63% | 63% | 61% | .481 |
| | Weak policy | 22% | 20% | 16% | 14% | 13% | 16% | |
| | Strong policy | 7% | 6% | 7% | 7% | 8% | 8% | |
| | Competitive food or location ban | 16% | 16% | 16% | 16% | 16% | 15% | |
| Fat content of foods | No policy/provision | 30% | 30% | 35% | 31% | 29% | 29% | .424 |
| | Weak policy | 20% | 22% | 18% | 20% | 17% | 15% | |
| | Strong policy: Did not meet IOM | 13% | 13% | 12% | 9% | 12% | 15% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 22% | 19% | 19% | 25% | 25% | 25% | |
| | Competitive food or location ban | 16% | 16% | 16% | 16% | 16% | 15% | |
| Limits amount of trans fats in foods | No policy/provision | 64% | 59% | 57% | 54% | 51% | 48% | .000*** |
| | Weak policy | 12% | 13% | 11% | 11% | 11% | 10% | |
| | Strong policy: Did not meet IOM | 7% | 5% | 6% | 4% | 4% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 8% | 10% | 15% | 18% | 25% | |
| | Competitive food or location ban | 16% | 16% | 16% | 16% | 16% | 15% | |
| Sodium content of foods | No policy/provision | 57% | 54% | 56% | 53% | 54% | 54% | .281 |
| | Weak policy | 16% | 19% | 18% | 18% | 15% | 14% | |
| | Strong policy: Did not meet IOM | 11% | 12% | 7% | 11% | 12% | 12% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 3% | 4% | |
| | Competitive food or location ban | 16% | 16% | 16% | 16% | 16% | 15% | |
| Calorie content per individual serving of snack item | No policy/provision | 63% | 66% | 64% | 59% | 56% | 52% | .007** |
| | Weak policy | 3% | 3% | 3% | 5% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 3% | 3% | 2% | 2% | 2% | 4% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 16% | 13% | 15% | 19% | 22% | 26% | |
| | Competitive food or location ban | 16% | 15% | 15% | 16% | 16% | 15% | |
| Sugar content of beverages | No policy/provision | 41% | 42% | 45% | 42% | 40% | 38% | .637 |
| | Weak policy | 30% | 28% | 29% | 33% | 32% | 32% | |
| | Strong policy: Met IOM (added sugars prohibited) | 13% | 14% | 11% | 10% | 12% | 15% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |
| Calorie content of beverages | No policy/provision | 71% | 70% | 72% | 71% | 68% | 67% | .518 |
| | Weak policy | 10% | 10% | 8% | 9% | 10% | 11% | |
| | Strong policy | 3% | 4% | 5% | 5% | 5% | 7% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |
| Regular soda | No policy/provision | 31% | 35% | 40% | 37% | 35% | 32% | .934 |
| | Weak policy | 10% | 9% | 7% | 8% | 7% | 7% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 31% | 26% | 27% | 29% | 29% | 31% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 13% | 14% | 11% | 10% | 12% | 15% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 50% | 50% | 53% | 50% | 46% | 45% | .502 |
| | Weak policy | 21% | 20% | 21% | 25% | 25% | 25% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 13% | 14% | 11% | 10% | 12% | 15% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |
| Sugar/calorie content of milk | No policy/provision | 66% | 70% | 71% | 67% | 62% | 59% | .127 |
| | Weak policy | 4% | 3% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 12% | 10% | 10% | 13% | 17% | 19% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| Fat content of milk | No policy/provision | 50% | 51% | 56% | 53% | 51% | 49% | .828 |
| | Weak policy | 24% | 21% | 21% | 25% | 25% | 23% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 11% | 12% | 8% | 7% | 8% | 13% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |
| Serving size limits for beverages | No policy/provision | 60% | 58% | 61% | 60% | 61% | 56% | .281 |
| | Weak policy | 17% | 17% | 17% | 16% | 13% | 14% | |
| | Strong policy: Did not meet IOM | 7% | 9% | 7% | 9% | 10% | 12% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 48% | 49% | 51% | 48% | 43% | 44% | .184 |
| | Weak policy | 9% | 9% | 7% | 8% | 7% | 6% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 28% | 27% | 26% | 29% | 33% | 34% | |
| | Competitive food or location ban | 16% | 16% | 15% | 15% | 16% | 15% | |
| Require water for sale | No policy/provision | -- | -- | -- | 45% | 42% | 40% | .213 |
| | Weak policy | -- | -- | -- | 30% | 30% | 31% | |
| | Strong policy | -- | -- | -- | 10% | 11% | 14% | |
| | Competitive food or location ban | -- | -- | -- | 15% | 16% | 15% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 33% | 35% | 37% | 35% | 33% | 32% | .528 |
| | Weak policy | 26% | 26% | 27% | 27% | 28% | 26% | |
| | Strong policy: Did not meet IOM | 10% | 10% | 8% | 8% | 10% | 11% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 22% | 20% | 20% | 23% | 24% | 25% | |
| | Competitive food or location ban | 10% | 8% | 8% | 6% | 5% | 5% | |
| Limits on candy | No policy/provision | 36% | 41% | 38% | 42% | 40% | 37% | .168 |
| | Weak policy | 40% | 35% | 37% | 33% | 34% | 38% | |
| | Strong policy | 14% | 16% | 16% | 18% | 20% | 20% | |
| | Competitive food or location ban | 10% | 8% | 8% | 6% | 5% | 5% | |
| Fat content of foods | No policy/provision | 23% | 21% | 24% | 23% | 22% | 24% | .410 |
| | Weak policy | 21% | 24% | 22% | 23% | 20% | 18% | |
| | Strong policy: Did not meet IOM | 22% | 25% | 22% | 20% | 25% | 26% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 25% | 22% | 24% | 29% | 28% | 28% | |
| | Competitive food or location ban | 10% | 8% | 8% | 6% | 5% | 5% | |
| Limits amount of trans fats in foods | No policy/provision | 57% | 51% | 48% | 47% | 45% | 44% | .000*** |
| | Weak policy | 20% | 22% | 22% | 22% | 25% | 22% | |
| | Strong policy: Did not meet IOM | 11% | 11% | 12% | 10% | 7% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 8% | 10% | 15% | 18% | 26% | |
| | Competitive food or location ban | 10% | 8% | 8% | 6% | 5% | 5% | |
| Sodium content of foods | No policy/provision | 61% | 57% | 60% | 60% | 64% | 61% | .478 |
| | Weak policy | 17% | 21% | 20% | 20% | 17% | 16% | |
| | Strong policy: Did not meet IOM | 12% | 14% | 10% | 12% | 12% | 15% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 10% | 8% | 8% | 6% | 5% | 5% | |
| Calorie content per individual serving of snack item | No policy/provision | 65% | 69% | 65% | 64% | 64% | 60% | .096 |
| | Weak policy | 5% | 5% | 8% | 7% | 5% | 4% | |
| | Strong policy: Did not meet IOM | 5% | 6% | 5% | 4% | 4% | 5% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 14% | 12% | 15% | 18% | 22% | 28% | |
| Competitive food or location ban | 9% | 7% | 7% | 6% | 5% | 5% | | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Students</i> Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff. † |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sugar content of beverages | No policy/provision | 34% | 35% | 34% | 34% | 33% | 34% | .248 |
| | Weak policy | 41% | 40% | 44% | 47% | 47% | 45% | |
| | Strong policy: Met IOM (added sugars prohibited) | 16% | 18% | 13% | 13% | 14% | 17% | |
| | Competitive food or location ban | 9% | 8% | 8% | 6% | 5% | 5% | |
| Calorie content of beverages | No policy/provision | 76% | 76% | 79% | 79% | 79% | 76% | .315 |
| | Weak policy | 12% | 13% | 11% | 11% | 11% | 12% | |
| | Strong policy | 4% | 4% | 4% | 5% | 5% | 7% | |
| | Competitive food or location ban | 8% | 7% | 7% | 5% | 5% | 5% | |
| Regular soda | No policy/provision | 21% | 25% | 23% | 25% | 23% | 24% | .247 |
| | Weak policy | 6% | 5% | 5% | 5% | 4% | 3% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 48% | 45% | 50% | 51% | 53% | 53% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 16% | 18% | 13% | 13% | 14% | 17% | |
| | Competitive food or location ban | 9% | 8% | 8% | 6% | 5% | 5% | |
| SSBs other than soda | No policy/provision | 43% | 43% | 43% | 42% | 40% | 41% | .353 |
| | Weak policy | 32% | 32% | 35% | 39% | 40% | 38% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 16% | 18% | 13% | 13% | 14% | 17% | |
| | Competitive food or location ban | 9% | 8% | 8% | 6% | 5% | 5% | |
| Sugar/calorie content of milk | No policy/provision | 63% | 65% | 67% | 64% | 59% | 57% | .309 |
| | Weak policy | 4% | 3% | 3% | 3% | 2% | 3% | |
| | Strong policy: Did not meet IOM | 23% | 23% | 22% | 26% | 32% | 32% | |
| | Strong policy: Met IOM (\leq 22g of total sugars/8 oz portion) | 2% | 1% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 8% | 7% | 7% | 5% | 5% | 5% | |
| Fat content of milk | No policy/provision | 52% | 54% | 56% | 55% | 56% | 56% | .168 |
| | Weak policy | 26% | 25% | 24% | 27% | 26% | 24% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 14% | 12% | 12% | 15% | |
| | Competitive food or location ban | 8% | 7% | 7% | 6% | 5% | 5% | |
| Serving size limits for beverages | No policy/provision | 55% | 52% | 54% | 54% | 55% | 52% | .908 |
| | Weak policy | 27% | 28% | 29% | 29% | 28% | 27% | |
| | Strong policy: Did not meet IOM | 10% | 13% | 10% | 12% | 12% | 14% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 1% | 0% | 1% | 2% | |
| | Competitive food or location ban | 8% | 7% | 7% | 5% | 5% | 5% | |
| Caffeine content of beverages | No policy/provision | 41% | 41% | 42% | 41% | 37% | 40% | .684 |
| | Weak policy | 9% | 8% | 7% | 8% | 7% | 6% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 42% | 43% | 43% | 46% | 51% | 50% | |
| | Competitive food or location ban | 9% | 8% | 8% | 6% | 5% | 5% | |
| Require water for sale | No policy/provision | -- | -- | -- | 38% | 36% | 35% | .544 |
| | Weak policy | -- | -- | -- | 43% | 45% | 44% | |
| | Strong policy | -- | -- | -- | 13% | 14% | 16% | |
| | Competitive food or location ban | -- | -- | -- | 6% | 5% | 5% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School <i>Students</i> Nationwide by School Year – ELEMENTARY | | | | | | Sig. Diff. † |
|------------------------------|---|--|---------|---------|---------|---------|---------|--------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 78% | 81% | 84% | 81% | 82% | 85% | .467 |
| | Weak policy | 20% | 17% | 13% | 16% | 14% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 0% | 0% | 0% | 2% | |
| | Strong policy: Met IOM (\leq 35% of total calories/weight) | 2% | 1% | 3% | 3% | 3% | 3% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Limits on candy | No policy/provision | 87% | 87% | 89% | 88% | 89% | 88% | .583 |
| | Weak policy | 11% | 12% | 10% | 9% | 10% | 10% | |
| | Strong policy | 2% | 2% | 2% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 70% | 69% | 73% | 69% | 69% | 73% | .742 |
| | Weak policy | 28% | 29% | 24% | 27% | 27% | 22% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 1% | 1% | 1% | 2% | |
| | Strong policy: Met IOM (\leq 35% of total calories from fat) | 2% | 1% | 2% | 3% | 2% | 3% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |

Percentage of Public School *Students* Nationwide by School Year
– ELEMENTARY

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|--|--|---------|---------|---------|---------|---------|---------|--------------|
| Limits amount of trans fats in foods | No policy/provision | 91% | 88% | 88% | 87% | 88% | 89% | .243 |
| | Weak policy | 7% | 11% | 9% | 10% | 10% | 8% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 0% | 1% | 2% | 1% | 2% | |
| Sodium content of foods | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .113 |
| | No policy/provision | 81% | 77% | 79% | 78% | 77% | 78% | |
| | Weak policy | 19% | 22% | 20% | 21% | 20% | 19% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 0% | 1% | 3% | |
| Calorie content per individual serving of snack item | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 0% | .926 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 91% | 92% | 92% | 91% | 91% | 92% | |
| | Weak policy | 8% | 7% | 6% | 7% | 7% | 5% | |
| Sugar content of beverages | Strong policy: Did not meet IOM | 0% | 1% | 1% | 0% | 0% | 1% | .082 |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 0% | 1% | 2% | 2% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 81% | 83% | 88% | 85% | 86% | 86% | |
| Calorie content of beverages | Weak policy | 18% | 15% | 11% | 14% | 13% | 12% | .397 |
| | Strong policy | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 98% | 98% | 99% | 99% | 99% | 97% | |
| Regular soda | Weak policy | 1% | 2% | 1% | 1% | 1% | 2% | .589 |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 76% | 77% | 81% | 80% | 80% | 81% | |
| SSBs other than soda | Weak policy | 15% | 13% | 8% | 9% | 9% | 7% | .046* |
| | Strong policy: Did not meet IOM (bans regular soda only) | 8% | 8% | 10% | 10% | 10% | 10% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar/calorie content of milk | Weak policy | 13% | 11% | 8% | 11% | 9% | 7% | .692 |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 90% | 92% | 95% | 93% | 93% | 93% | |
| Fat content of milk | Weak policy | 9% | 7% | 4% | 6% | 6% | 4% | .301 |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Serving size limits for beverages | Weak policy | 15% | 13% | 9% | 11% | 10% | 8% | .909 |
| | Strong policy: Met IOM (1% or non-fat milk only) | 1% | 1% | 2% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 91% | 91% | 92% | 92% | 94% | 92% | |
| Caffeine content of beverages | Weak policy | 8% | 8% | 7% | 8% | 5% | 5% | .410 |
| | Strong policy: Did not meet IOM | 0% | 1% | 1% | 1% | 0% | 2% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | Weak policy | 85% | 87% | 90% | 88% | 89% | 90% | .410 |
| | Strong policy: Met IOM (added caffeine prohibited) | 13% | 11% | 7% | 9% | 8% | 6% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 2% | 2% | 3% | 3% | 3% | 3% | |

Percentage of Public School *Students* Nationwide by School Year
– ELEMENTARY

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff. † |
|----------------------------------|--|---------|---------|---------|---------|---------|---------|--------------|
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 54% | 55% | 53% | 49% | 46% | 47% | .017* |
| | Weak policy | 10% | 11% | 11% | 11% | 10% | 9% | |
| | Strong policy: Did not meet IOM | 8% | 8% | 6% | 7% | 6% | 8% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 15% | 13% | 16% | 19% | 22% | 24% | |
| Competitive food or location ban | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |

Percentage of Public School Students Nationwide by School Year
– ELEMENTARY

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--|---------|---------|---------|---------|---------|---------|-------------|
| Limits on candy | No policy/provision | 66% | 66% | 67% | 70% | 70% | 72% | .683 |
| | Weak policy | 15% | 15% | 12% | 10% | 8% | 7% | |
| | Strong policy | 6% | 5% | 6% | 7% | 7% | 7% | |
| | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |
| Fat content of foods | No policy/provision | 51% | 47% | 50% | 45% | 43% | 44% | .034* |
| | Weak policy | 10% | 14% | 10% | 13% | 10% | 8% | |
| | Strong policy: Did not meet IOM | 12% | 14% | 13% | 10% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 14% | 12% | 13% | 19% | 22% | 22% | |
| | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |
| Limits amount of trans fats in foods | No policy/provision | 70% | 67% | 65% | 67% | 66% | 66% | .112 |
| | Weak policy | 10% | 12% | 10% | 11% | 10% | 10% | |
| | Strong policy: Did not meet IOM | 6% | 6% | 6% | 4% | 3% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |
| Sodium content of foods | No policy/provision | 70% | 63% | 66% | 65% | 66% | 65% | .128 |
| | Weak policy | 7% | 12% | 10% | 11% | 7% | 6% | |
| | Strong policy: Did not meet IOM | 9% | 11% | 7% | 9% | 9% | 11% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 2% | 4% | |
| | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |
| Calorie content per individual serving of snack item | No policy/provision | 71% | 71% | 67% | 64% | 60% | 58% | .001** |
| | Weak policy | 2% | 2% | 3% | 4% | 4% | 4% | |
| | Strong policy: Did not meet IOM | 4% | 5% | 4% | 4% | 3% | 4% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 10% | 8% | 12% | 14% | 17% | 22% | |
| | Competitive food or location ban | 13% | 14% | 14% | 14% | 15% | 13% | |
| Sugar content of beverages | No policy/provision | 57% | 55% | 56% | 51% | 49% | 49% | .115 |
| | Weak policy | 21% | 20% | 20% | 25% | 26% | 25% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 12% | 11% | 11% | 10% | 13% | |
| | Competitive food or location ban | 12% | 13% | 14% | 14% | 15% | 13% | |
| | | | | | | | | |
| Calorie content of beverages | No policy/provision | 83% | 80% | 77% | 77% | 74% | 75% | .122 |
| | Weak policy | 4% | 7% | 6% | 6% | 7% | 7% | |
| | Strong policy | 0% | 0% | 3% | 4% | 4% | 5% | |
| | Competitive food or location ban | 12% | 13% | 13% | 14% | 15% | 13% | |
| | | | | | | | | |
| Regular soda | No policy/provision | 51% | 50% | 50% | 47% | 45% | 47% | .113 |
| | Weak policy | 8% | 8% | 7% | 7% | 5% | 4% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 20% | 18% | 18% | 21% | 24% | 24% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 12% | 11% | 11% | 10% | 13% | |
| | Competitive food or location ban | 12% | 13% | 14% | 14% | 15% | 13% | |
| SSBs other than soda | No policy/provision | 62% | 59% | 59% | 55% | 52% | 51% | .065 |
| | Weak policy | 16% | 16% | 16% | 21% | 22% | 23% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 12% | 11% | 11% | 10% | 13% | |
| | Competitive food or location ban | 12% | 13% | 14% | 14% | 15% | 13% | |
| | | | | | | | | |
| Sugar/calorie content of milk | No policy/provision | 73% | 74% | 74% | 70% | 66% | 65% | .070 |
| | Weak policy | 2% | 2% | 1% | 1% | 1% | 2% | |
| | Strong policy: Did not meet IOM | 11% | 10% | 11% | 14% | 16% | 17% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 1% | 1% | 1% | 2% | 2% | |
| | Competitive food or location ban | 12% | 13% | 13% | 14% | 15% | 13% | |
| Fat content of milk | No policy/provision | 62% | 61% | 63% | 59% | 56% | 56% | .084 |
| | Weak policy | 19% | 20% | 18% | 21% | 22% | 20% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 6% | 7% | 5% | 6% | 7% | 11% | |
| | Competitive food or location ban | 12% | 13% | 14% | 14% | 15% | 13% | |
| | | | | | | | | |
| Serving size limits for beverages | No policy/provision | 73% | 70% | 69% | 67% | 67% | 65% | .055 |
| | Weak policy | 9% | 10% | 10% | 10% | 9% | 10% | |
| | Strong policy: Did not meet IOM | 5% | 8% | 7% | 9% | 9% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 12% | 13% | 13% | 14% | 15% | 13% | |
| Caffeine content of beverages | No policy/provision | 58% | 57% | 57% | 54% | 50% | 51% | .015* |
| | Weak policy | 6% | 6% | 5% | 6% | 5% | 4% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 23% | 24% | 25% | 27% | 30% | 32% | |
| | Competitive food or location ban | 12% | 13% | 14% | 14% | 15% | 13% | |
| | | | | | | | | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.

Significance levels: *p<.05 **p<.01 ***p<.001

Table F-3. Percentage of Public Middle School STUDENTS Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 37% | 34% | 38% | 35% | 31% | 32% | .759 |
| | Weak policy | 22% | 24% | 25% | 25% | 28% | 26% | |
| | Strong policy: Did not meet IOM | 13% | 12% | 10% | 12% | 12% | 15% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 23% | 23% | 24% | 25% | 25% | 24% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Limits on candy | No policy/provision | 56% | 57% | 62% | 63% | 63% | 64% | .260 |
| | Weak policy | 24% | 22% | 17% | 15% | 13% | 12% | |
| | Strong policy | 14% | 15% | 18% | 18% | 20% | 20% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Fat content of foods | No policy/provision | 25% | 24% | 30% | 27% | 24% | 25% | .838 |
| | Weak policy | 23% | 22% | 24% | 21% | 21% | 19% | |
| | Strong policy: Did not meet IOM | 31% | 32% | 25% | 29% | 34% | 38% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 16% | 17% | 19% | 17% | 14% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Trans fats in foods | No policy/provision | 63% | 54% | 55% | 52% | 48% | 46% | .000*** |
| | Weak policy | 18% | 21% | 20% | 21% | 24% | 23% | |
| | Strong policy: Did not meet IOM | 11% | 10% | 11% | 8% | 7% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 9% | 11% | 15% | 17% | 24% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Sodium content of foods | No policy/provision | 64% | 61% | 65% | 60% | 62% | 62% | .533 |
| | Weak policy | 16% | 17% | 18% | 19% | 17% | 15% | |
| | Strong policy: Did not meet IOM | 14% | 16% | 11% | 15% | 15% | 15% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 3% | 4% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Calorie content per individual serving of snack item | No policy/provision | 66% | 66% | 67% | 63% | 63% | 59% | .036* |
| | Weak policy | 6% | 6% | 8% | 8% | 7% | 6% | |
| | Strong policy: Did not meet IOM | 17% | 16% | 13% | 15% | 16% | 18% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 5% | 6% | 9% | 9% | 10% | 14% | |
| | Competitive food or location ban | 6% | 6% | 3% | 4% | 3% | 4% | |
| Sugar content of beverages | No policy/provision | 37% | 33% | 40% | 37% | 34% | 33% | .759 |
| | Weak policy | 50% | 52% | 52% | 53% | 55% | 53% | |
| | Strong policy: Met IOM (added sugars prohibited) | 10% | 11% | 6% | 8% | 9% | 11% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |
| Calorie content of beverages | No policy/provision | 79% | 75% | 81% | 79% | 77% | 75% | .666 |
| | Weak policy | 13% | 16% | 13% | 14% | 15% | 15% | |
| | Strong policy | 4% | 5% | 5% | 6% | 6% | 8% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |
| Regular soda | No policy/provision | 26% | 26% | 31% | 29% | 29% | 29% | .696 |
| | Weak policy | 12% | 10% | 11% | 10% | 8% | 8% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 49% | 49% | 51% | 50% | 52% | 50% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 6% | 8% | 9% | 11% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |
| SSBs other than soda | No policy/provision | 67% | 64% | 70% | 67% | 68% | 69% | .643 |
| | Weak policy | 20% | 22% | 23% | 23% | 21% | 17% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 10% | 11% | 6% | 8% | 9% | 11% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |
| Sugar/calorie content of milk | No policy/provision | 68% | 67% | 73% | 68% | 62% | 58% | .012* |
| | Weak policy | 4% | 4% | 3% | 4% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 22% | 24% | 20% | 24% | 30% | 33% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |
| Fat content of milk | No policy/provision | 55% | 53% | 61% | 58% | 59% | 58% | .274 |
| | Weak policy | 28% | 30% | 27% | 29% | 28% | 27% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 11% | 10% | 11% | 13% | |
| | Competitive food or location ban | 4% | 3% | 2% | 2% | 2% | 2% | |

| | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Serving size limits for beverages | No policy/provision | 55% | 50% | 56% | 52% | 53% | 51% | .336 |
| | Weak policy | 31% | 32% | 32% | 33% | 32% | 31% | |
| | Strong policy: Did not meet IOM | 11% | 14% | 10% | 12% | 12% | 14% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 4% | 3% | 2% | 2% | 2% | 2% | .869 |
| | Weak policy | 57% | 57% | 63% | 59% | 56% | 57% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 21% | 19% | 18% | 20% | 22% | 21% | |
| | Competitive food or location ban | 18% | 21% | 18% | 20% | 20% | 20% | |
| Require water for sale | No policy/provision | 4% | 3% | 2% | 2% | 2% | 2% | .189 |
| | Weak policy | -- | -- | -- | 36% | 34% | 33% | |
| | Strong policy | -- | -- | -- | 54% | 55% | 54% | |
| | Competitive food or location ban | -- | -- | -- | 8% | 9% | 11% | |

| | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 43% | 42% | 45% | 42% | 38% | 38% | .337 |
| | Weak policy | 22% | 25% | 25% | 25% | 26% | 24% | |
| | Strong policy: Did not meet IOM | 10% | 8% | 7% | 9% | 11% | 13% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 22% | 22% | 22% | 23% | 24% | 23% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Limits on candy | No policy/provision | 61% | 63% | 67% | 68% | 68% | 67% | .459 |
| | Weak policy | 21% | 19% | 16% | 13% | 11% | 12% | |
| | Strong policy | 16% | 16% | 16% | 18% | 20% | 20% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Fat content of foods | No policy/provision | 31% | 32% | 37% | 34% | 31% | 30% | .595 |
| | Weak policy | 24% | 23% | 23% | 21% | 20% | 18% | |
| | Strong policy: Did not meet IOM | 28% | 27% | 24% | 26% | 33% | 37% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 15% | 16% | 14% | 17% | 16% | 13% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 69% | 61% | 61% | 58% | 54% | 50% | .000*** |
| | Weak policy | 18% | 22% | 19% | 20% | 23% | 22% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 8% | 6% | 5% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 9% | 10% | 14% | 17% | 24% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 68% | 67% | 70% | 66% | 67% | 65% | .147 |
| | Weak policy | 16% | 16% | 17% | 18% | 15% | 15% | |
| | Strong policy: Did not meet IOM | 13% | 14% | 9% | 13% | 14% | 13% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 3% | 5% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 75% | 77% | 78% | 74% | 72% | 66% | .005** |
| | Weak policy | 2% | 3% | 3% | 4% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 13% | 12% | 10% | 12% | 14% | 17% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 6% | 6% | 8% | 8% | 10% | 13% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 44% | 42% | 48% | 44% | 42% | 40% | .533 |
| | Weak policy | 46% | 46% | 47% | 48% | 50% | 49% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 10% | 4% | 6% | 8% | 10% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Calorie content of beverages | No policy/provision | 84% | 82% | 86% | 84% | 83% | 80% | .318 |
| | Weak policy | 11% | 12% | 9% | 10% | 11% | 12% | |
| | Strong policy | 3% | 4% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Regular soda | No policy/provision | 33% | 36% | 42% | 41% | 39% | 37% | .692 |
| | Weak policy | 12% | 9% | 9% | 8% | 6% | 6% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 44% | 43% | 44% | 44% | 46% | 45% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 10% | 4% | 6% | 7% | 10% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 73% | 71% | 75% | 74% | 75% | 73% | .966 |
| | Weak policy | 16% | 18% | 20% | 18% | 17% | 16% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 10% | 4% | 6% | 7% | 10% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 72% | 73% | 76% | 72% | 67% | 62% | .004** |
| | Weak policy | 4% | 4% | 3% | 3% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 20% | 20% | 18% | 22% | 27% | 30% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Fat content of milk | No policy/provision | 60% | 61% | 67% | 66% | 65% | 62% | .420 |
| | Weak policy | 25% | 24% | 23% | 25% | 25% | 24% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 13% | 9% | 8% | 9% | 13% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Serving size limits for beverages | No policy/provision | 61% | 58% | 61% | 59% | 60% | 55% | .061 |
| | Weak policy | 29% | 29% | 29% | 30% | 28% | 29% | |
| | Strong policy: Did not meet IOM | 9% | 11% | 8% | 10% | 11% | 13% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Caffeine content of beverages | No policy/provision | 62% | 63% | 68% | 65% | 61% | 60% | .661 |
| | Weak policy | 20% | 17% | 17% | 18% | 21% | 20% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 16% | 18% | 14% | 16% | 18% | 19% | |
| | Competitive food or location ban | 2% | 2% | 1% | 1% | 1% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 46% | 42% | 40% | .035* |
| | Weak policy | -- | -- | -- | 47% | 50% | 50% | |
| | Strong policy | -- | -- | -- | 6% | 7% | 10% | |
| | Competitive food or location ban | -- | -- | -- | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 39% | 36% | 41% | 39% | 35% | 34% | .373 |
| | Weak policy | 25% | 27% | 28% | 27% | 28% | 27% | |
| | Strong policy: Did not meet IOM | 10% | 11% | 7% | 9% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 24% | 24% | 23% | 24% | 25% | 25% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |
| Limits on candy | No policy/provision | 40% | 43% | 42% | 47% | 44% | 39% | .479 |
| | Weak policy | 43% | 39% | 40% | 33% | 34% | 39% | |
| | Strong policy | 14% | 17% | 16% | 19% | 21% | 20% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |
| Fat content of foods | No policy/provision | 26% | 24% | 32% | 29% | 26% | 26% | .849 |
| | Weak policy | 27% | 27% | 26% | 24% | 22% | 21% | |
| | Strong policy: Did not meet IOM | 28% | 30% | 25% | 27% | 33% | 37% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 16% | 17% | 15% | 19% | 17% | 14% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |
| Trans fats in foods | No policy/provision | 66% | 56% | 58% | 54% | 51% | 47% | .000*** |
| | Weak policy | 19% | 23% | 20% | 22% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 11% | 11% | 11% | 8% | 6% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 9% | 10% | 14% | 17% | 25% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |
| Sodium content of foods | No policy/provision | 65% | 63% | 66% | 63% | 65% | 62% | .102 |
| | Weak policy | 17% | 19% | 19% | 19% | 17% | 16% | |
| | Strong policy: Did not meet IOM | 14% | 17% | 11% | 14% | 14% | 16% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |
| Calorie content per individual serving of snack item | No policy/provision | 74% | 73% | 74% | 73% | 71% | 63% | .000*** |
| | Weak policy | 2% | 4% | 4% | 4% | 2% | 3% | |
| | Strong policy: Did not meet IOM | 16% | 16% | 13% | 14% | 16% | 18% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 5% | 5% | 7% | 7% | 9% | 14% | |
| | Competitive food or location ban | 3% | 2% | 1% | 1% | 2% | 2% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sugar content of beverages | No policy/provision | 40% | 37% | 43% | 40% | 38% | 37% | .297 |
| | Weak policy | 49% | 51% | 51% | 51% | 52% | 51% | |
| | Strong policy: Met IOM (added sugars prohibited) | 9% | 11% | 5% | 7% | 8% | 11% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 2% | 2% | |
| Calorie content of beverages | No policy/provision | 81% | 78% | 84% | 82% | 80% | 77% | .251 |
| | Weak policy | 12% | 15% | 11% | 11% | 12% | 14% | |
| | Strong policy | 5% | 6% | 5% | 5% | 5% | 7% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 2% | 2% | |
| Regular soda | No policy/provision | 21% | 23% | 25% | 26% | 25% | 25% | .826 |
| | Weak policy | 6% | 4% | 5% | 4% | 3% | 2% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 62% | 60% | 65% | 61% | 62% | 60% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 5% | 7% | 8% | 11% | |
| SSBs other than soda | No policy/provision | 71% | 66% | 71% | 71% | 72% | 71% | .707 |
| | Weak policy | 18% | 22% | 23% | 21% | 18% | 16% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 9% | 11% | 5% | 7% | 8% | 11% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 2% | 2% | |
| Sugar/calorie content of milk | No policy/provision | 70% | 69% | 74% | 69% | 64% | 59% | .001** |
| | Weak policy | 4% | 4% | 3% | 3% | 2% | 3% | |
| | Strong policy: Did not meet IOM | 22% | 24% | 20% | 25% | 30% | 32% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| Fat content of milk | No policy/provision | 58% | 57% | 63% | 61% | 62% | 60% | .988 |
| | Weak policy | 28% | 28% | 25% | 27% | 26% | 25% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 11% | 11% | 11% | 14% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 2% | 2% | |
| Serving size limits for beverages | No policy/provision | 58% | 53% | 59% | 56% | 56% | 53% | .040* |
| | Weak policy | 28% | 30% | 30% | 30% | 29% | 28% | |
| | Strong policy: Did not meet IOM | 11% | 15% | 10% | 13% | 13% | 15% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 59% | 59% | 64% | 61% | 58% | 58% | .615 |
| | Weak policy | 21% | 18% | 18% | 19% | 20% | 20% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 18% | 22% | 17% | 19% | 20% | 20% | |
| | Competitive food or location ban | 2% | 1% | 1% | 1% | 2% | 2% | |
| Require water for sale | No policy/provision | -- | -- | -- | 41% | 38% | 37% | .047* |
| | Weak policy | -- | -- | -- | 51% | 52% | 51% | |
| | Strong policy | -- | -- | -- | 7% | 8% | 10% | |
| | Competitive food or location ban | -- | -- | -- | 1% | 2% | 2% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|----------------------------------|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 78% | 80% | 83% | 80% | 82% | 85% | .299 |
| | Weak policy | 20% | 18% | 14% | 16% | 14% | 11% | |
| | Strong policy: Did not meet IOM | 0% | 1% | 1% | 0% | 0% | 1% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 2% | 1% | 3% | 3% | 3% | 3% | |
| Limits on candy | No policy/provision | 88% | 87% | 90% | 89% | 90% | 89% | .706 |
| | Weak policy | 10% | 11% | 9% | 9% | 9% | 9% | |
| | Strong policy | 1% | 1% | 2% | 2% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 70% | 71% | 72% | 69% | 70% | 73% | .585 |
| | Weak policy | 27% | 27% | 24% | 27% | 26% | 22% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 2% | 1% | 3% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 2% | 2% | 3% | 2% | 2% | 2% | |
| Competitive food or location ban | | 0% | 0% | 0% | 0% | 0% | 0% | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Trans fats in foods | No policy/provision | 91% | 87% | 87% | 87% | 88% | 90% | .276 |
| | Weak policy | 7% | 11% | 9% | 10% | 10% | 7% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 2% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 0% | 1% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sodium content of foods | No policy/provision | 80% | 80% | 78% | 77% | 77% | 77% | .145 |
| | Weak policy | 19% | 20% | 20% | 21% | 20% | 20% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 2% | 3% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Calorie content per individual serving of snack item | No policy/provision | 91% | 92% | 92% | 91% | 92% | 92% | .734 |
| | Weak policy | 7% | 7% | 6% | 6% | 6% | 5% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 0% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Sugar content of beverages | No policy/provision | 81% | 83% | 88% | 86% | 87% | 87% | .121 |
| | Weak policy | 18% | 17% | 11% | 13% | 12% | 12% | |
| | Strong policy: Met IOM (added sugars prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Calorie content of beverages | No policy/provision | 99% | 98% | 99% | 99% | 99% | 97% | .464 |
| | Weak policy | 1% | 2% | 1% | 1% | 1% | 2% | |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Regular soda | No policy/provision | 77% | 77% | 81% | 80% | 82% | 82% | .515 |
| | Weak policy | 14% | 13% | 8% | 9% | 9% | 7% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 8% | 9% | 10% | 10% | 9% | 9% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| SSBs other than soda | No policy/provision | 93% | 93% | 96% | 94% | 96% | 95% | .575 |
| | Weak policy | 6% | 6% | 3% | 5% | 3% | 3% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Sugar/calorie content of milk | No policy/provision | 91% | 92% | 95% | 93% | 94% | 94% | .629 |
| | Weak policy | 8% | 7% | 4% | 6% | 6% | 4% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of milk | No policy/provision | 85% | 86% | 89% | 88% | 90% | 91% | .355 |
| | Weak policy | 14% | 13% | 9% | 10% | 9% | 7% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 1% | 1% | 2% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |
| Serving size limits for beverages | No policy/provision | 89% | 90% | 92% | 91% | 94% | 92% | .433 |
| | Weak policy | 10% | 9% | 6% | 8% | 5% | 6% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 1% | 1% | 1% | 2% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 86% | 88% | 91% | 89% | 90% | 91% | .554 |
| | Weak policy | 13% | 11% | 7% | 9% | 8% | 6% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 1% | 1% | 2% | 2% | 3% | 3% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | | | | | | | | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|------------------------------------|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 56% | 53% | 54% | 51% | 47% | 49% | .073 |
| | Weak policy | 16% | 19% | 20% | 20% | 21% | 20% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 7% | 8% | 7% | 8% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 16% | 15% | 17% | 19% | 23% | 23% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – MIDDLE | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Limits on candy | No policy/provision | 71% | 68% | 72% | 73% | 72% | 73% | .853 |
| | Weak policy | 14% | 15% | 10% | 7% | 6% | 7% | |
| | Strong policy | 13% | 14% | 16% | 18% | 19% | 19% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |
| Fat content of foods | No policy/provision | 51% | 48% | 50% | 46% | 44% | 45% | .087 |
| | Weak policy | 13% | 13% | 14% | 14% | 12% | 11% | |
| | Strong policy: Did not meet IOM | 28% | 28% | 25% | 27% | 30% | 32% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 7% | 8% | 8% | 11% | 12% | 10% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |
| Trans fats in foods | No policy/provision | 72% | 67% | 66% | 67% | 66% | 66% | .038* |
| | Weak policy | 17% | 20% | 19% | 20% | 21% | 22% | |
| | Strong policy: Did not meet IOM | 9% | 9% | 7% | 6% | 5% | 4% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |
| Sodium content of foods | No policy/provision | 81% | 76% | 78% | 76% | 78% | 77% | .118 |
| | Weak policy | 6% | 7% | 9% | 9% | 6% | 6% | |
| | Strong policy: Did not meet IOM | 10% | 13% | 8% | 11% | 11% | 12% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 3% | 2% | 2% | 4% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 81% | 80% | 79% | 76% | 74% | 71% | .001** |
| | Weak policy | 1% | 2% | 2% | 3% | 3% | 4% | |
| | Strong policy: Did not meet IOM | 14% | 14% | 11% | 13% | 15% | 17% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 1% | 5% | 4% | 5% | 8% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 3% | 1% | |
| Sugar content of beverages | No policy/provision | 58% | 54% | 56% | 52% | 50% | 50% | .247 |
| | Weak policy | 35% | 38% | 37% | 40% | 42% | 42% | |
| | Strong policy: Met IOM (added sugars prohibited) | 5% | 6% | 4% | 6% | 5% | 7% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| Calorie content of beverages | No policy/provision | 93% | 89% | 88% | 88% | 87% | 87% | .158 |
| | Weak policy | 4% | 7% | 5% | 6% | 7% | 7% | |
| | Strong policy | 1% | 1% | 4% | 4% | 4% | 5% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| Regular soda | No policy/provision | 52% | 48% | 51% | 48% | 46% | 47% | .175 |
| | Weak policy | 8% | 8% | 8% | 7% | 5% | 5% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 33% | 35% | 34% | 37% | 42% | 39% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 6% | 4% | 6% | 5% | 7% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| SSBs other than soda | No policy/provision | 80% | 75% | 77% | 77% | 78% | 77% | .555 |
| | Weak policy | 13% | 16% | 16% | 15% | 14% | 15% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 5% | 6% | 4% | 6% | 5% | 7% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 76% | 74% | 77% | 73% | 69% | 67% | .027* |
| | Weak policy | 1% | 2% | 1% | 1% | 1% | 1% | |
| | Strong policy: Did not meet IOM | 19% | 19% | 18% | 22% | 26% | 28% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 1% | 1% | 2% | 2% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| Fat content of milk | No policy/provision | 71% | 68% | 72% | 70% | 69% | 68% | .582 |
| | Weak policy | 20% | 22% | 18% | 21% | 21% | 21% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 7% | 7% | 7% | 7% | 7% | 10% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |
| Serving size limits for beverages | No policy/provision | 71% | 66% | 69% | 66% | 65% | 64% | .084 |
| | Weak policy | 20% | 22% | 22% | 23% | 22% | 22% | |
| | Strong policy: Did not meet IOM | 6% | 9% | 7% | 10% | 10% | 11% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 1% | |
| Caffeine content of beverages | No policy/provision | 69% | 68% | 69% | 67% | 65% | 66% | .462 |
| | Weak policy | 16% | 14% | 15% | 16% | 17% | 17% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 13% | 15% | 14% | 14% | 15% | 16% | |
| | Competitive food or location ban | 2% | 3% | 2% | 2% | 2% | 1% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.
† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.
Significance levels: *p<.05 **p<.01 ***p<.001

Table F-4. Percentage of Public High School STUDENTS Nationwide with Wellness Policies Addressing Competitive Food and Beverage Content Restrictions by Location of Sale Provisions, School Years 2008-09 through 2013-2014

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| VENDING MACHINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 44% | 42% | 44% | 42% | 39% | 40% | .385 |
| | Weak policy | 24% | 28% | 27% | 27% | 29% | 26% | |
| | Strong policy: Did not meet IOM | 12% | 10% | 8% | 9% | 10% | 12% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 18% | 18% | 19% | 20% | 20% | 20% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Limits on candy | No policy/provision | 67% | 59% | 63% | 65% | 65% | 65% | .034* |
| | Weak policy | 24% | 22% | 16% | 13% | 13% | 12% | |
| | Strong policy | 8% | 16% | 19% | 19% | 21% | 21% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Fat content of foods | No policy/provision | 30% | 29% | 35% | 32% | 30% | 32% | .961 |
| | Weak policy | 27% | 28% | 26% | 24% | 24% | 21% | |
| | Strong policy: Did not meet IOM | 28% | 28% | 22% | 27% | 32% | 36% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 13% | 13% | 15% | 15% | 13% | 11% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Trans fats in foods | No policy/provision | 68% | 59% | 58% | 56% | 51% | 48% | .000*** |
| | Weak policy | 19% | 24% | 20% | 22% | 26% | 25% | |
| | Strong policy: Did not meet IOM | 10% | 8% | 10% | 7% | 5% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 2% | 7% | 10% | 14% | 17% | 24% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Sodium content of foods | No policy/provision | 68% | 66% | 65% | 63% | 66% | 67% | .301 |
| | Weak policy | 18% | 19% | 20% | 21% | 20% | 17% | |
| | Strong policy: Did not meet IOM | 12% | 12% | 8% | 10% | 10% | 11% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 5% | 3% | 3% | 4% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 75% | 75% | 72% | 69% | 68% | 64% | .000*** |
| | Weak policy | 7% | 7% | 9% | 9% | 8% | 7% | |
| | Strong policy: Did not meet IOM | 14% | 13% | 10% | 13% | 14% | 17% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 2% | 2% | 7% | 7% | 8% | 11% | |
| | Competitive food or location ban | 2% | 2% | 2% | 2% | 1% | 1% | |
| Sugar content of beverages | No policy/provision | 44% | 41% | 47% | 43% | 40% | 39% | .269 |
| | Weak policy | 50% | 53% | 48% | 51% | 55% | 55% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 5% | 5% | 5% | 5% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Calorie content of beverages | No policy/provision | 86% | 84% | 86% | 86% | 85% | 82% | .097 |
| | Weak policy | 9% | 10% | 8% | 8% | 9% | 9% | |
| | Strong policy | 4% | 4% | 6% | 5% | 5% | 8% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| | Regular soda | No policy/provision | 35% | 34% | 39% | 37% | 37% | |
| Weak policy | | 28% | 14% | 13% | 13% | 11% | 9% | |
| Strong policy: Did not meet IOM (bans regular soda only) | | 31% | 46% | 41% | 44% | 47% | 48% | |
| Strong policy: Met IOM (caloric sweeteners prohibited) | | 4% | 4% | 5% | 5% | 5% | 5% | |
| Competitive food or location ban | | 1% | 1% | 1% | 1% | 0% | 1% | |
| SSBs other than soda | No policy/provision | 75% | 71% | 72% | 73% | 74% | 74% | .862 |
| | Weak policy | 20% | 23% | 22% | 20% | 20% | 20% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 5% | 5% | 5% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 74% | 72% | 78% | 71% | 65% | 59% | .000*** |
| | Weak policy | 4% | 5% | 4% | 4% | 5% | 5% | |
| | Strong policy: Did not meet IOM | 19% | 20% | 16% | 22% | 27% | 32% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Fat content of milk | No policy/provision | 60% | 58% | 66% | 63% | 63% | 61% | .916 |
| | Weak policy | 26% | 25% | 22% | 25% | 25% | 24% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 16% | 11% | 11% | 12% | 14% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|-----------------------------------|---|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Serving size limits for beverages | No policy/provision | 59% | 54% | 59% | 55% | 56% | 53% | .013* |
| | Weak policy | 34% | 37% | 34% | 37% | 37% | 36% | |
| | Strong policy: Did not meet IOM | 5% | 8% | 6% | 6% | 6% | 8% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 1% | 1% | 1% | 2% | |
| Caffeine content of beverages | No policy/provision | 66% | 67% | 72% | 70% | 68% | 69% | .157 |
| | Weak policy | 21% | 20% | 16% | 19% | 21% | 22% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 11% | 12% | 11% | 10% | 10% | 9% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 42% | 40% | 39% | .755 |
| | Weak policy | -- | -- | -- | 52% | 55% | 55% | |
| | Strong policy | -- | -- | -- | 5% | 5% | 5% | |
| | Competitive food or location ban | -- | -- | -- | 1% | 0% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SCHOOL STORES | | | | | | | | |
| Sugar content of foods | No policy/provision | 49% | 48% | 49% | 48% | 44% | 44% | .187 |
| | Weak policy | 23% | 27% | 26% | 26% | 27% | 25% | |
| | Strong policy: Did not meet IOM | 11% | 9% | 7% | 8% | 9% | 11% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 15% | 15% | 17% | 17% | 19% | 19% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Limits on candy | No policy/provision | 69% | 63% | 66% | 69% | 68% | 68% | .045* |
| | Weak policy | 22% | 20% | 18% | 13% | 12% | 11% | |
| | Strong policy | 7% | 16% | 15% | 18% | 20% | 20% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Fat content of foods | No policy/provision | 36% | 35% | 40% | 38% | 36% | 36% | .682 |
| | Weak policy | 25% | 26% | 25% | 24% | 21% | 19% | |
| | Strong policy: Did not meet IOM | 26% | 27% | 24% | 25% | 31% | 35% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 11% | 11% | 10% | 12% | 12% | 9% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Trans fats in foods | No policy/provision | 70% | 62% | 62% | 61% | 56% | 50% | .000*** |
| | Weak policy | 19% | 23% | 20% | 20% | 23% | 23% | |
| | Strong policy: Did not meet IOM | 8% | 6% | 8% | 5% | 5% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 7% | 9% | 13% | 16% | 24% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Sodium content of foods | No policy/provision | 70% | 69% | 68% | 66% | 70% | 69% | .239 |
| | Weak policy | 17% | 18% | 18% | 20% | 17% | 16% | |
| | Strong policy: Did not meet IOM | 11% | 12% | 7% | 9% | 9% | 10% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 5% | 3% | 3% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 81% | 82% | 81% | 77% | 76% | 69% | .000*** |
| | Weak policy | 3% | 4% | 3% | 5% | 3% | 4% | |
| | Strong policy: Did not meet IOM | 13% | 11% | 8% | 11% | 13% | 16% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 2% | 2% | 6% | 6% | 8% | 10% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 1% | |
| Sugar content of beverages | No policy/provision | 50% | 48% | 53% | 50% | 48% | 46% | .278 |
| | Weak policy | 45% | 47% | 43% | 46% | 48% | 49% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 4% | 3% | 4% | 3% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Calorie content of beverages | No policy/provision | 88% | 88% | 88% | 88% | 88% | 85% | .153 |
| | Weak policy | 7% | 7% | 6% | 6% | 6% | 7% | |
| | Strong policy | 3% | 4% | 6% | 5% | 6% | 8% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Regular soda | No policy/provision | 42% | 43% | 50% | 48% | 47% | 45% | .056 |
| | Weak policy | 24% | 10% | 7% | 7% | 5% | 6% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 29% | 43% | 39% | 41% | 44% | 44% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 3% | 4% | 3% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |

| | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|-----------------------------------|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| SSBs other than soda | No policy/provision | 77% | 75% | 77% | 79% | 79% | 77% | .832 |
| | Weak policy | 18% | 20% | 19% | 17% | 17% | 17% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 3% | 4% | 3% | 5% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Sugar/calorie content of milk | No policy/provision | 75% | 74% | 79% | 73% | 68% | 62% | .000*** |
| | Weak policy | 4% | 4% | 3% | 3% | 4% | 3% | |
| | Strong policy: Did not meet IOM | 18% | 19% | 15% | 21% | 26% | 30% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Fat content of milk | No policy/provision | 64% | 63% | 71% | 70% | 69% | 65% | .991 |
| | Weak policy | 23% | 22% | 19% | 21% | 21% | 21% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 12% | 14% | 9% | 9% | 9% | 14% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Serving size limits for beverages | No policy/provision | 63% | 59% | 63% | 61% | 62% | 57% | .017* |
| | Weak policy | 31% | 33% | 30% | 33% | 32% | 33% | |
| | Strong policy: Did not meet IOM | 5% | 7% | 6% | 5% | 5% | 8% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Caffeine content of beverages | No policy/provision | 69% | 71% | 76% | 74% | 72% | 71% | .146 |
| | Weak policy | 19% | 17% | 15% | 16% | 19% | 20% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 11% | 12% | 9% | 8% | 9% | 8% | |
| | Competitive food or location ban | 1% | 1% | 1% | 1% | 0% | 0% | |
| Require water for sale | No policy/provision | -- | -- | -- | 52% | 48% | 46% | .118 |
| | Weak policy | -- | -- | -- | 44% | 48% | 49% | |
| | Strong policy | -- | -- | -- | 4% | 3% | 5% | |
| | Competitive food or location ban | -- | -- | -- | 0% | 0% | 0% | |

| | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|--|--|---|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| A LA CARTE LINES | | | | | | | | |
| Sugar content of foods | No policy/provision | 47% | 45% | 47% | 45% | 42% | 41% | .101 |
| | Weak policy | 25% | 29% | 28% | 28% | 29% | 27% | |
| | Strong policy: Did not meet IOM | 9% | 8% | 6% | 7% | 7% | 9% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 17% | 17% | 18% | 18% | 20% | 21% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |
| Limits on candy | No policy/provision | 43% | 46% | 45% | 49% | 46% | 41% | .009** |
| | Weak policy | 49% | 37% | 39% | 32% | 32% | 37% | |
| | Strong policy | 6% | 16% | 15% | 18% | 20% | 20% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |
| Fat content of foods | No policy/provision | 32% | 31% | 37% | 34% | 32% | 32% | .559 |
| | Weak policy | 29% | 30% | 28% | 27% | 24% | 22% | |
| | Strong policy: Did not meet IOM | 25% | 26% | 23% | 24% | 29% | 33% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 12% | 12% | 11% | 14% | 13% | 10% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |
| Trans fats in foods | No policy/provision | 68% | 60% | 61% | 58% | 54% | 48% | .000*** |
| | Weak policy | 19% | 24% | 20% | 21% | 23% | 23% | |
| | Strong policy: Did not meet IOM | 10% | 8% | 9% | 6% | 5% | 2% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 1% | 7% | 9% | 13% | 16% | 25% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |
| Sodium content of foods | No policy/provision | 69% | 67% | 67% | 64% | 67% | 65% | .029* |
| | Weak policy | 18% | 20% | 21% | 22% | 19% | 17% | |
| | Strong policy: Did not meet IOM | 11% | 12% | 8% | 10% | 10% | 12% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 4% | 3% | 3% | 4% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |
| Calorie content per individual serving of snack item | No policy/provision | 80% | 80% | 80% | 77% | 74% | 67% | .000*** |
| | Weak policy | 2% | 5% | 4% | 4% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 14% | 13% | 10% | 12% | 14% | 16% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 2% | 2% | 5% | 6% | 7% | 12% | |
| | Competitive food or location ban | 2% | 1% | 0% | 1% | 2% | 2% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|-----------------------------------|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Sugar content of beverages | No policy/provision | 48% | 45% | 50% | 47% | 45% | 43% | .127 |
| | Weak policy | 46% | 50% | 45% | 47% | 49% | 49% | |
| | Strong policy: Met IOM (added sugars prohibited) | 4% | 4% | 5% | 5% | 4% | 6% | |
| | Competitive food or location ban | 1% | 1% | 0% | 1% | 1% | 1% | |
| Calorie content of beverages | No policy/provision | 87% | 86% | 89% | 88% | 87% | 84% | .119 |
| | Weak policy | 8% | 8% | 6% | 6% | 6% | 7% | |
| | Strong policy | 4% | 5% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 1% | 1% | 0% | 1% | 1% | 1% | |
| Regular soda | No policy/provision | 28% | 31% | 30% | 31% | 31% | 29% | .543 |
| | Weak policy | 7% | 6% | 5% | 4% | 3% | 3% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 60% | 59% | 60% | 58% | 60% | 61% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 5% | 5% | 4% | 6% | |
| SSBs other than soda | No policy/provision | 76% | 73% | 75% | 77% | 77% | 75% | .439 |
| | Weak policy | 18% | 22% | 20% | 18% | 17% | 17% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 4% | 4% | 5% | 5% | 4% | 6% | |
| | Competitive food or location ban | 1% | 1% | 0% | 1% | 1% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 74% | 74% | 79% | 71% | 66% | 61% | .000*** |
| | Weak policy | 4% | 4% | 3% | 4% | 3% | 3% | |
| | Strong policy: Did not meet IOM | 19% | 19% | 16% | 22% | 28% | 30% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 4% | |
| Fat content of milk | No policy/provision | 62% | 61% | 68% | 66% | 67% | 63% | .636 |
| | Weak policy | 24% | 24% | 20% | 22% | 21% | 20% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 13% | 14% | 11% | 11% | 11% | 15% | |
| | Competitive food or location ban | 1% | 1% | 0% | 1% | 1% | 1% | |
| Serving size limits for beverages | No policy/provision | 62% | 57% | 62% | 59% | 60% | 55% | .007** |
| | Weak policy | 31% | 34% | 31% | 33% | 32% | 32% | |
| | Strong policy: Did not meet IOM | 6% | 7% | 6% | 6% | 5% | 8% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 1% | 1% | 3% | |
| Caffeine content of beverages | No policy/provision | 67% | 68% | 73% | 71% | 69% | 69% | .238 |
| | Weak policy | 19% | 18% | 15% | 17% | 19% | 19% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 13% | 14% | 11% | 11% | 11% | 10% | |
| | Competitive food or location ban | 1% | 1% | 0% | 1% | 1% | 1% | |
| Require water for sale | No policy/provision | -- | -- | -- | 48% | 45% | 43% | .186 |
| | Weak policy | -- | -- | -- | 46% | 49% | 50% | |
| | Strong policy | -- | -- | -- | 5% | 4% | 6% | |
| | Competitive food or location ban | -- | -- | -- | 1% | 1% | 1% | |

| LOCATION OF SALE & PROVISION | | Percentage of Public School Students Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|----------------------------------|--|--|---------|---------|---------|---------|---------|-------------|
| | | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| CLASSROOM PARTIES | | | | | | | | |
| Sugar content of foods | No policy/provision | 79% | 81% | 84% | 81% | 81% | 85% | .667 |
| | Weak policy | 19% | 17% | 13% | 16% | 16% | 11% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 0% | 0% | 0% | 1% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 1% | 1% | 2% | 3% | 3% | 3% | |
| Limits on candy | No policy/provision | 89% | 87% | 90% | 90% | 90% | 89% | .983 |
| | Weak policy | 9% | 11% | 8% | 8% | 9% | 9% | |
| | Strong policy | 2% | 2% | 2% | 2% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| Fat content of foods | No policy/provision | 71% | 72% | 71% | 68% | 69% | 74% | .909 |
| | Weak policy | 26% | 26% | 25% | 28% | 28% | 23% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 2% | 1% | 2% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 2% | 2% | 2% | 2% | 2% | 2% | |
| Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|--|--|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| Trans fats in foods | No policy/provision | 91% | 89% | 89% | 88% | 88% | 89% | .138 |
| | Weak policy | 8% | 10% | 8% | 9% | 10% | 8% | |
| | Strong policy: Did not meet IOM | 1% | 1% | 2% | 1% | 1% | 0% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 0% | 1% | 2% | 1% | 2% | |
| Sodium content of foods | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .203 |
| | No policy/provision | 79% | 79% | 76% | 75% | 76% | 77% | |
| | Weak policy | 20% | 20% | 23% | 23% | 22% | 20% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 0% | 1% | 2% | 2% | |
| Calorie content per individual serving of snack item | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 1% | 1% | 1% | 0% | .173 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 94% | 94% | 94% | 93% | 92% | 92% | |
| | Weak policy | 5% | 6% | 4% | 5% | 6% | 5% | |
| Sugar content of beverages | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 1% | 1% | .563 |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 0% | 1% | 1% | 1% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 83% | 84% | 90% | 86% | 85% | 86% | |
| Calorie content of beverages | Weak policy | 16% | 15% | 9% | 13% | 14% | 13% | .166 |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 1% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 99% | 98% | 99% | 99% | 99% | 98% | |
| Regular soda | Weak policy | 1% | 2% | 1% | 1% | 1% | 1% | .835 |
| | Strong policy | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 7% | 8% | 9% | 9% | 8% | 9% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| SSBs other than soda | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .984 |
| | No policy/provision | 95% | 94% | 96% | 95% | 95% | 96% | |
| | Weak policy | 5% | 5% | 3% | 5% | 4% | 3% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 1% | 1% | 1% | 1% | 1% | 1% | |
| Sugar/calorie content of milk | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | .544 |
| | No policy/provision | 94% | 94% | 97% | 94% | 93% | 94% | |
| | Weak policy | 6% | 6% | 2% | 5% | 6% | 4% | |
| | Strong policy: Did not meet IOM | 0% | 0% | 1% | 1% | 0% | 1% | |
| Fat content of milk | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 0% | 0% | 0% | 0% | 0% | 1% | .962 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 87% | 88% | 91% | 89% | 88% | 90% | |
| | Weak policy | 12% | 12% | 7% | 10% | 11% | 8% | |
| Serving size limits for beverages | Strong policy: Met IOM (1% or non-fat milk only) | 1% | 1% | 2% | 1% | 1% | 2% | .659 |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 89% | 90% | 92% | 90% | 93% | 92% | |
| | Weak policy | 10% | 10% | 7% | 9% | 6% | 6% | |
| Caffeine content of beverages | Strong policy: Did not meet IOM | 0% | 1% | 1% | 1% | 0% | 2% | .713 |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 90% | 91% | 93% | 91% | 89% | 91% | |
| Caffeine content of beverages | Weak policy | 9% | 8% | 5% | 7% | 9% | 7% | .713 |
| | Strong policy: Met IOM (added caffeine prohibited) | 1% | 1% | 2% | 2% | 2% | 2% | |
| | Competitive food or location ban | 0% | 0% | 0% | 0% | 0% | 0% | |
| | No policy/provision | 90% | 91% | 93% | 91% | 89% | 91% | |

| | | Percentage of Public School <i>Students</i> Nationwide by School Year – HIGH SCHOOL | | | | | | Sig. Diff.† |
|------------------------------------|--|--|---------|---------|---------|---------|---------|----------------|
| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | |
| IN-SCHOOL FUNDRAISING | | | | | | | | |
| Sugar content of foods | No policy/provision | 61% | 59% | 57% | 55% | 52% | 54% | .117 |
| | Weak policy | 16% | 20% | 20% | 21% | 22% | 19% | |
| | Strong policy: Did not meet IOM | 8% | 7% | 5% | 6% | 6% | 7% | |
| | Strong policy: Met IOM (≤35% of total calories/weight) | 13% | 12% | 15% | 16% | 18% | 18% | |
| Sugar content of foods | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| | No policy/provision | 61% | 59% | 57% | 55% | 52% | 54% | |

Percentage of Public School Students Nationwide by School Year
– HIGH SCHOOL

| LOCATION OF SALE & PROVISION | PROVISION STRENGTH | '08-'09 | '09-'10 | '10-'11 | '11-'12 | '12-'13 | '13-'14 | Sig. Diff.† |
|--|--|---------|---------|---------|---------|---------|---------|-------------|
| Limits on candy | No policy/provision | 80% | 70% | 72% | 73% | 72% | 74% | .014* |
| | Weak policy | 13% | 13% | 11% | 7% | 6% | 6% | |
| | Strong policy | 6% | 14% | 15% | 17% | 19% | 18% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| Fat content of foods | No policy/provision | 55% | 53% | 53% | 49% | 48% | 50% | .178 |
| | Weak policy | 13% | 13% | 15% | 15% | 13% | 11% | |
| | Strong policy: Did not meet IOM | 25% | 26% | 24% | 25% | 29% | 31% | |
| | Strong policy: Met IOM (≤35% of total calories from fat) | 5% | 5% | 6% | 8% | 8% | 7% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| Trans fats in foods | No policy/provision | 74% | 70% | 66% | 67% | 66% | 66% | .010* |
| | Weak policy | 17% | 21% | 19% | 20% | 22% | 22% | |
| | Strong policy: Did not meet IOM | 7% | 5% | 6% | 5% | 4% | 3% | |
| | Strong policy: Met IOM (≤0.5g trans fat) | 0% | 1% | 6% | 5% | 5% | 8% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| Sodium content of foods | No policy/provision | 84% | 81% | 79% | 78% | 81% | 81% | .186 |
| | Weak policy | 7% | 8% | 9% | 10% | 7% | 6% | |
| | Strong policy: Did not meet IOM | 7% | 8% | 5% | 7% | 7% | 8% | |
| | Strong policy: Met IOM (≤200mg sodium/portion) | 0% | 0% | 5% | 3% | 3% | 4% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| Calorie content per individual serving of snack item | No policy/provision | 85% | 84% | 82% | 78% | 75% | 73% | .000*** |
| | Weak policy | 1% | 2% | 2% | 4% | 3% | 4% | |
| | Strong policy: Did not meet IOM | 11% | 10% | 8% | 11% | 13% | 14% | |
| | Strong policy: Met IOM (≤200 calories/serving) | 1% | 1% | 5% | 5% | 5% | 8% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 3% | 1% | |
| Sugar content of beverages | No policy/provision | 62% | 58% | 60% | 56% | 54% | 55% | .139 |
| | Weak policy | 34% | 37% | 33% | 37% | 40% | 39% | |
| | Strong policy: Met IOM (added sugars prohibited) | 2% | 2% | 4% | 5% | 3% | 4% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Calorie content of beverages | No policy/provision | 97% | 94% | 91% | 91% | 91% | 91% | .064 |
| | Weak policy | 1% | 3% | 2% | 2% | 3% | 3% | |
| | Strong policy | 0% | 0% | 4% | 4% | 4% | 6% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Regular soda | No policy/provision | 57% | 52% | 55% | 52% | 51% | 53% | .001** |
| | Weak policy | 22% | 10% | 8% | 9% | 6% | 6% | |
| | Strong policy: Did not meet IOM (bans regular soda only) | 18% | 33% | 30% | 32% | 37% | 37% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 2% | 2% | 4% | 5% | 3% | 4% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| SSBs other than soda | No policy/provision | 84% | 80% | 79% | 80% | 82% | 81% | .425 |
| | Weak policy | 12% | 15% | 15% | 12% | 12% | 14% | |
| | Strong policy: Met IOM (caloric sweeteners prohibited) | 2% | 2% | 4% | 5% | 3% | 4% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Sugar/calorie content of milk | No policy/provision | 80% | 78% | 81% | 76% | 72% | 69% | .005** |
| | Weak policy | 1% | 2% | 1% | 1% | 1% | 1% | |
| | Strong policy: Did not meet IOM | 15% | 15% | 13% | 19% | 23% | 26% | |
| | Strong policy: Met IOM (≤22g of total sugars/8 oz portion) | 2% | 2% | 2% | 2% | 2% | 3% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Fat content of milk | No policy/provision | 75% | 73% | 77% | 74% | 74% | 73% | .469 |
| | Weak policy | 16% | 17% | 13% | 17% | 17% | 16% | |
| | Strong policy: Met IOM (1% or non-fat milk only) | 7% | 8% | 7% | 7% | 7% | 10% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Serving size limits for beverages | No policy/provision | 75% | 70% | 71% | 68% | 68% | 68% | .048* |
| | Weak policy | 20% | 23% | 23% | 24% | 24% | 23% | |
| | Strong policy: Did not meet IOM | 3% | 4% | 4% | 5% | 4% | 6% | |
| | Strong policy: Met IOM (Milk: 8 oz; 100% Juice: 8 oz) | 0% | 0% | 0% | 0% | 1% | 2% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |
| Caffeine content of beverages | No policy/provision | 75% | 74% | 76% | 75% | 74% | 76% | .293 |
| | Weak policy | 15% | 13% | 13% | 14% | 15% | 16% | |
| | Strong policy: Met IOM (added caffeine prohibited) | 8% | 10% | 9% | 8% | 9% | 7% | |
| | Competitive food or location ban | 2% | 3% | 3% | 3% | 2% | 1% | |

Due to rounding, some percentages may not sum exactly to 100. Some data may have been revised slightly from data reported in previous publications.

† Significant differences between SY '08-'09 and SY '13-'14 were computed from linear regression models.

Significance levels: *p<.05 **p<.01 ***p<.001

bridging the gap

Research Informing Policies & Practices
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