CDC’s School Health Index: A Self-Assessment and Planning Guide
School Health Index

2014

School Health Index
A Self-Assessment and Planning Guide

Elementary School

Middle/High School

National Center for Chronic Disease Prevention and Health Promotion
Division of Population Health

CDC
What is the Purpose of the SHI?

• Enables schools to identify strengths and weaknesses of health promotion policies and programs.

• Enables schools to develop an action plan for improving student health.

• Engages teachers, parents, students, and the community in promoting health-enhancing behaviors and better health.
CDC Guidelines and Strategies for School Health Programs
Coordinated School Health (CSH)

- Health Education
- Physical Education
- Health Services
- Nutrition Services
- Counseling, Psychological, & Social Services
- Healthy School Environment
- Health Promotion for Staff
- Family/Community Involvement
- For Staff
Health Topics in the SHI (2014 edition)

• Physical activity
• Nutrition
• Tobacco-use prevention
• Safety (unintentional injury and violence prevention)
• Asthma
• Sexual health
Uses of the SHI

• Used in at least 46 U.S. states
• Adapted for use in Canada, Mexico, and Saudi Arabia
• > 300 schools in Missouri
• 200-250 schools in Georgia
• 109 schools in Kansas
• All metro Nashville schools
• 93 schools in Austin; more than half of middle schools in Houston
• One of CDC’s Division of Adolescent and School Health’s most popular publications
Making a Difference

As a result of implementing the SHI, schools have
• Created a school health team.
• Moved healthier options to the front of the lunch line.
• Increased time for physical education.
• Started student and staff walking clubs.
• Added healthy choices to vending machines.
• Offered access to the gym outside of school hours.
• Provided parent education through newsletters and healthy activity nights.
• Replaced fried foods with baked items.
• Provided conflict resolution training to staff.
• Offered health screenings for staff.
Clarifying Points

• Low scores on the SHI do NOT indicate “low-performing” schools.
• Many actions will NOT require new resources or responsibilities.
• For actions requiring new resources, results can help
  – Provide information to stimulate school board or community support.
  – Establish data and justification for funding requests.
What SHI Is and What SHI Is NOT

Self-assessment and planning tool

It’s not a research or evaluation tool.

Educational and community-organizing process

It’s not a tool to audit or punish school staff.
What SHI Is and What SHI Is NOT

- Identifies low-cost or no-cost changes
- It does not require expensive changes.
- Focused, reasonable, and user-friendly experience
- It’s not a long, bureaucratic, and painful process.
Time Commitment

• The SHI can be completed in as little as 6 hours:
  – Modules 1-4: ~1 hour each
  – Modules 5-8: ~30 minutes each

A small investment of time can pay big dividends in improving students’ well-being, readiness to learn, and prospects for a healthy life.
SHI Format

- Completed by school health teams
- Two separate versions:
  - Elementary School
  - Middle School/High School
- **Self-Assessment:** 8 modules corresponding to Coordinated School Health
- **Planning:** Planning for Improvement section
Modules = CSH Components

1. School Health and Safety Policies and Environment
2. Health Education
3. Physical Education and Other Physical Activity Programs
4. Nutrition Services
5. School Health Services
6. School Counseling, Psychological, and Social Services
7. Health Promotion for Staff
8. Family and Community Involvement
Question Coding

CC = cross-cutting
PA = physical activity
N = nutrition
T = tobacco-use prevention
S = safety (unintentional injury and violence prevention)
A = asthma
SH = sexual health
Implementing the SHI

1. Assemble SHI team
2. Conduct SHI introduction meeting
3. Complete self-assessment modules
4. Conduct SHI planning meeting
Implementing the SHI

1. Assemble SHI team
2. Conduct SHI introduction meeting
3. Complete self-assessment modules
4. Conduct SHI planning meeting
Possible Team Members

- Principal or assistant principal
- Physical education teacher
- School nutrition services manager
- Health education teacher
- Classroom teacher
- School nurse
- School counselor
- School psychologist or social worker
- Janitor or custodian
- Parents
- Students
- Community-based health care and social services providers
- Community health organization representative (e.g., ACS)
- Local health department staff member
- Cooperative extension service representative
Implementing the SHI

1. Assemble SHI team
2. Conduct SHI introduction meeting
3. Complete self-assessment modules
4. Conduct SHI planning meeting
Introduction Meeting

• Explain the SHI

• Assign modules to groups

• Identify module coordinators
Implementing the SHI

1. Assemble SHI team
2. Conduct SHI introduction meeting
3. Complete self-assessment modules
4. Conduct SHI planning meeting
Module 1: School Health and Safety Policies and Environment (sample topics)

- Representative school health committee or team
- Positive school climate
- Prohibit using physical activity as punishment
- Adequate physical activity facilities
- Prohibit sugar sweetened beverages
- Access to free drinking water
- Enforce tobacco-use policies
- Maintain safe physical environment
- Implement indoor air quality practices
- Confidentiality of HIV status
Question CC.1

Representative school health committee or team

Does your school have a representative committee or team that meets at least four times a year and oversees school health and safety policies and programs?
Question CC.1

Representative means that it includes school administrators, health education teachers, physical education teachers, mental health or social services staff members, nutrition services staff members, health services staff members, maintenance and transportation staff members, students, parents, community members, local health departments or organizations, faith-based organizations, businesses, and local government representatives.
<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Yes.</td>
</tr>
<tr>
<td>2</td>
<td>There is a committee or team that does this, but it could be more representative.</td>
</tr>
<tr>
<td>1</td>
<td>There is a committee or team, but it is not representative, <strong>or</strong> it meets less often than four times a year.</td>
</tr>
<tr>
<td>0</td>
<td>No.</td>
</tr>
</tbody>
</table>
**Sample Completed Score Card**

### Module 1: School Health and Safety Policies and Environment

**Instructions**
1. Carefully read and discuss the Module 1 Discussion Questions (pages 5-28), which contains questions and scoring descriptions for each item listed on this Score Card.
2. Circle the most appropriate score for each item.
3. After all questions have been scored, calculate the overall Module Score and complete the Module 1 Planning Questions located at the end of this module (pages 29-30).

<table>
<thead>
<tr>
<th>Item</th>
<th>Fully in Place</th>
<th>Partially in Place</th>
<th>Under Development</th>
<th>Not in Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.8</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.11</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC.12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PA.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PA.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PA.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PA.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PA.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COLUMN TOTALS:** For each column, add up the numbers that are circled and enter the sum in this row.

<table>
<thead>
<tr>
<th>CC.1</th>
<th>CC.2</th>
<th>CC.3</th>
<th>CC.4</th>
<th>CC.5</th>
<th>CC.6</th>
<th>CC.7</th>
<th>CC.8</th>
<th>CC.9</th>
<th>CC.10</th>
<th>CC.11</th>
<th>CC.12</th>
<th>PA.1</th>
<th>PA.2</th>
<th>PA.3</th>
<th>PA.4</th>
<th>PA.5</th>
<th>N.1</th>
<th>N.2</th>
<th>N.3</th>
<th>N.4</th>
<th>N.5</th>
<th>N.6</th>
<th>TOTAL POINTS: Add the four sums above and enter the total to the right.</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>18</td>
<td>6</td>
<td>0</td>
<td>45</td>
<td>65%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** For simplicity, this example shows only Cross-Cutting, Physical Activity, and Nutrition Items. The denominator has been adjusted accordingly.

**INSTRUCTIONS – Page 3**
Module Planning Questions 1 & 2

• **Planning Question 1:** Look back at the scores you assigned to each question. According to these scores, what are the **strengths** and **weaknesses** of your school’s policies and environment related to health and safety?

• **Planning Question 2:** For each of the weaknesses identified above, list several recommended actions to improve the school’s scores (e.g., create and maintain a school health committee).
**Sample Completed Planning Questions**

**Module 1: School Policies and Environment**

The Module 1 Planning Questions will help your school use its School Health Index results to identify and prioritize changes that will improve policies and programs to improve students’ health and safety.

**Planning Question 1**

Look back at the scores you assigned to each question. According to these scores, what are the **strengths** and the **weaknesses** of your school’s policies and environment related to students’ health and safety?

**Strengths**

- Excellent communication of policies with parents, visitors, and staff.
- Offer a wide variety of enrichment experiences.
- Students are actively supervised.
- Have a strong standard precautions policy.
- Do not use physical activity as punishment.
- Sugar-sweetened beverages not allowed during school hours.
- Free drinking water is widely available and students can bring bottles to class.

**Weaknesses**

- Do not have a committee to oversee our health programs (CC.2).
- Local wellness policy has not been implemented at the school level (CC.7).
- Could improve our support for students who have been bullied (CC.10).
- Recess is not provided every day (PA.1).
- Some teachers still use candy as rewards (N.2).
- Sugar-sweetened beverages allowed outside school hours (N.3).
- All competitive foods do not meet the new standards (N.5).

**Planning Question 2**

For each of the weaknesses identified above, list several recommended actions to improve the school’s scores (e.g., create and maintain a school health committee).

1. Form a school health committee.
2. Have the school health committee review the district local wellness policy.
3. Conduct staff development on dealing with bullying.
4. Make sure all teachers are providing daily, 20 minute recess.
5. Work with the nutrition services staff to make sure all foods meet the new standards.
6. Change the vending machines to not sell sugar-sweetened beverages outside school hours.
Module Planning Question 3

• **Planning Question 3:** List each of the proposed actions identified in Planning Question 2 in the table. Use the scales to rank each action on the five dimensions below. Add the points for each action to get the total points.
  
  – Importance
  – Cost
  – Time
  – Commitment
  – Feasibility
### School Health Index – Elementary School

**Planning Question 3.** List each of the actions identified in Planning Question 2 on the table below. Use the five-point scales defined below to score each action on five dimensions (importance, cost, time, commitment, feasibility). Add the points for each action to get the total points. Use the total points to help you choose one, two, or three top priority actions that you will recommend to the School Health Index team for implementation this year.

<table>
<thead>
<tr>
<th>Importance</th>
<th>How important is the action?</th>
<th>5 = Very important</th>
<th>3 = Moderately important</th>
<th>1 = Not important</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost</td>
<td>How expensive would it be to plan and implement the action?</td>
<td>5 = Not expensive</td>
<td>3 = Moderately expensive</td>
<td>1 = Very expensive</td>
</tr>
<tr>
<td>Time</td>
<td>How much time and effort would it take to implement the action?</td>
<td>5 = Little or no time and effort</td>
<td>3 = Moderate time and effort</td>
<td>1 = Very great time and effort</td>
</tr>
<tr>
<td>Commitment</td>
<td>How enthusiastic would the school community be about implementing the action?</td>
<td>5 = Very enthusiastic</td>
<td>3 = Moderately enthusiastic</td>
<td>1 = Not enthusiastic</td>
</tr>
<tr>
<td>Feasibility</td>
<td>How difficult would it be to attain the action?</td>
<td>5 = Not difficult</td>
<td>3 = Moderately difficult</td>
<td>1 = Very difficult</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module 1 Actions</th>
<th>Importance</th>
<th>Cost</th>
<th>Time</th>
<th>Commitment</th>
<th>Feasibility</th>
<th>Total Points</th>
<th>Top Priority Action?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form a school health committee.</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>20</td>
<td>✓</td>
</tr>
<tr>
<td>Have the school health committee review the district local wellness policy.</td>
<td>3</td>
<td>5</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>Conduct staff development on dealing with bullying.</td>
<td>5</td>
<td>3</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>20</td>
<td>✓</td>
</tr>
<tr>
<td>Make sure all teachers are providing daily, 20 minute recess.</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>4</td>
<td>20</td>
<td>✓</td>
</tr>
<tr>
<td>Work with the nutrition services staff to make sure all foods meet the new standards.</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Change the vending machines to not sell sugar-sweetened beverages outside school hours.</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>
Keep in Mind…

• Answer questions as accurately as possible. This is a self-help tool, not an instrument for punishing staff.

• There is no passing grade. This is designed to help you understand your school, not to compare your school with other schools.

• You should EXPECT to get at least some low scores. Low scores can help you build awareness of areas needing improvement.
Implementing the SHI

1. Assemble SHI team
2. Conduct SHI introduction meeting
3. Complete self-assessment modules
4. Conduct SHI planning meeting
Completed Overall Scorecard

**School Health Index**

*Overall Score Card*

For each module (row), write an X in the one column where the Module Score falls:

<table>
<thead>
<tr>
<th></th>
<th>Low 0–20%</th>
<th>21%–40%</th>
<th>41%–60%</th>
<th>61%–80%</th>
<th>81%–100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Health Policies and Environment – Module 1</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Education – Module 2</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Physical Education and Other Physical Activity Programs – Module 3</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nutrition Services – Module 4</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>School Health Services – Module 5</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School Counseling, Psychological, and Social Services – Module 6</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Health Promotion for Staff – Module 7</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Family and Community Involvement – Module 8</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Some schools like to write the module scores in each box.*
Action Plan

• Module groups present two or three actions
• SHI team selects manageable number of actions
• Team mixes both short- and long-term actions
• Team completes action plan (action, steps to completion, person responsible, timeline)
## Sample School Health Improvement Plan

**Instructions**
1. In the first column: list the Actions that the School Health Index team has agreed to implement.
2. In the second column: list the specific Steps that need to be taken to implement each Action.
3. In the third column: list the people who will be responsible for each Step and when the work will be completed.

<table>
<thead>
<tr>
<th>Actions</th>
<th>Steps</th>
<th>By Whom and When</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Offer asthma education to students with asthma.</td>
<td>a. Develop survey to assess interest in asthma education (including when, where, and how often the program would occur).</td>
<td>Sally, Jim, and Jack 10/2</td>
</tr>
<tr>
<td></td>
<td>b. Ask students with asthma to complete survey.</td>
<td>Mildred P. 10/15</td>
</tr>
<tr>
<td></td>
<td>c. Collect surveys and compile results into one-page summary.</td>
<td>Sally H. 10/25</td>
</tr>
<tr>
<td></td>
<td>d. Contact American Lung Association for information on Open Airways.</td>
<td>Henry T. 11/3</td>
</tr>
<tr>
<td></td>
<td>e. Present survey results and project plans to principal to get support for program and to request space for asthma education.</td>
<td>Sally H. 11/10</td>
</tr>
<tr>
<td></td>
<td>f. Ask classroom teachers to allow students with asthma to participate in asthma education.</td>
<td>Mildred P. 11/26</td>
</tr>
<tr>
<td></td>
<td>g. Create brochure and posters to promote program.</td>
<td>Henry T. 12/2</td>
</tr>
<tr>
<td></td>
<td>h. Schedule and conduct asthma education.</td>
<td>Jim 12/15</td>
</tr>
<tr>
<td></td>
<td>i. Get feedback from teachers, parents, and students regarding the program and its effectiveness.</td>
<td>Jack 1/15</td>
</tr>
</tbody>
</table>
Keep in Mind…

• Some actions will involve simply making better use of existing resources.
• Other actions may require additional resources.
• Keep the team together to monitor progress.
Resources

www.cdc.gov/HealthyYouth/publications
What are the keys to success?

- School health champion (strong leadership)
- Administrative buy-in
- Team representation, cohesion, and commitment
- Clear, organized, and well-facilitated process (many schools are using outside facilitators)
- Starting with small, achievable goals
- Highlighting and build on successes
SHI Online

Adolescent and School Health

School Health Index

The School Health Index (SHI): Self-Assessment & Planning Guide 2014 is an online self-assessment and planning tool that schools can use to improve their health and safety policies and programs. It’s easy to use and completely confidential.

The SHI was developed by CDC’s in partnership with school administrators and staff, school health experts, parents, and national nongovernmental health and education agencies to:

- Enable schools to identify strengths and weaknesses of health and safety policies and programs
- Enable schools to develop an action plan for improving student health, which can be incorporated into the School Improvement Plan
- Engage teachers, parents, students, and the community in promoting health-enhancing behaviors and better health

The SHI is based on CDC’s research-based guidelines for school health programs, which identify the policies and practices most likely to be effective in reducing youth health risk behaviors.

The SHI 2014 features:

- Updated nutrition content to align with new USDA regulations, including Smart Snacks in School nutrition standards.
- Revised physical education content to align with updated national standards and advancements in physical activity programming.

The Alliance for a Healthier Generation’s Healthy Schools Program has adopted CDC’s School Health Index as its assessment tool to help schools assess their current policies and practices as well as track progress over time. To complete the School Health Index for the Alliance’s Healthy Schools Programs, please click here.

The School Health Index (SHI): Self-Assessment & Planning Guide 2014 (and related materials) is available as an interactive, customizable online tool or downloadable, printable version.

The SHI has two activities that are to be completed by teams from your school’s eight self-assessment modules and a planning for improvement process:

- The self-assessment process involves members of your school community coming together to discuss what your school is already doing to promote good health and to identify your strengths and weaknesses. The SHI allows you to assess the extent to which your school implements the types of policies and practices recommended by CDC in its research-based guidelines for school health and safety policies and programs.
- After you complete the self-assessment process, you will be added to identified recommended actions your school can take to improve its performance in areas that received low scores. You will then be guided through a simple process for prioritizing the various recommendations.
How can I access the SHI?

• Complete the SHI interactively on the Web
  http://www.cdc.gov/HealthyYouth/shi/

• Download or print from Web site
CDC’s School Health Index: A Self-Assessment and Planning Guide