




## Findings from the School Health Policies and Programs Study 2006





Division of Adolescent and School Health  
Centers for Disease Control and Prevention




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### What is SHPPS?

- ▲ SHPPS is a national survey periodically conducted to assess school health policies and programs at the state, district, school, and classroom levels
- ▲ SHPPS was conducted in 1994, 2000, and 2006




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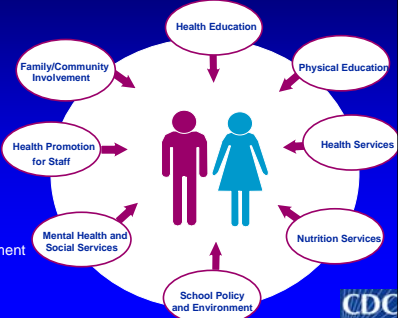



**School levels**

- Elementary school
- Middle school
- High school

**New topics**

- Crisis preparedness, response, and recovery
- Physical school environment
- School climate






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### Sample

- ▲ State education agencies in all 50 states and the District of Columbia
- ▲ A nationally representative sample of public school districts
- ▲ A nationally representative sample of public and private elementary, middle, and high schools
- ▲ Randomly selected classes in elementary schools
- ▲ Randomly selected required health and physical education courses in middle and high schools




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### Data Collection Methods

- ▲ State and district levels
  - Computer-assisted telephone interviews (CATI)
  - Mailed self-administered paper-and-pencil questionnaires
- ▲ School and classroom levels
  - On-site computer-assisted personal interviews (CAPI)




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### Response Rates

	Number sampled	Number responding	Response rate (%)
State	51	51	100
District	722	538	74.5
School	1416	1103	77.9
Classroom			
Health education	967	912	94.3
Physical education	1260	1194	94.8




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## SHPPS 2006 Products

- ▲ Special issue of *Journal of School Health*
- ▲ State-by-state Summary Report
- ▲ Fact sheets
- ▲ New and improved SHPPS website ([www.cdc.gov/shpps](http://www.cdc.gov/shpps))


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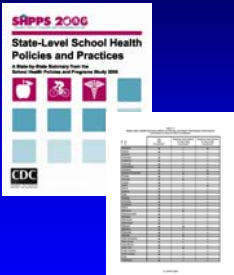

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## Healthy and Safe School Environment


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## Physical School Environment

- ▲ Indoor air quality
- ▲ School bus engine-idling reduction
- ▲ Hazardous materials
- ▲ Pest control
- ▲ Drinking water
- ▲ Green school policies
- ▲ Policy support and staff development

Source: CDC, School Health Policies and Programs Study 2006




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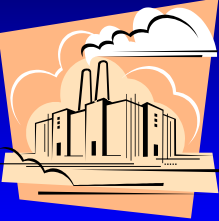
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### Indoor Air Quality (IAQ)

- ▲ 20% of states required districts or schools to have an IAQ management program
  - 50% required the program be based on EPA IAQ T1S
- ▲ 35% of districts and 51% of schools had an IAQ management program
  - 84% of district programs and 85% of school programs based on EPA IAQ T1S



Source: CDC, School Health Policies and Programs Study 2006




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### IAQ-Related School Inspections

Inspection	States	Districts	Schools
HVAC system	57	75	96
Mold	41	68	81
Condensation	33	58	78
Cracks or leaks	45	69	93

Source: CDC, School Health Policies and Programs Study 2006




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### IAQ District Policies

- ▲ 37% of districts required schools meet ASHRAE ventilation standards
- ▲ 17% of districts required schools keep relative indoor humidity below 60%
- ▲ 47% of districts had a policy on how schools should address mold problems
- ▲ 47% required schools to respond to moisture-related issues, such as floods, leaks, or condensation, within 48 hours.




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### IAQ: School Level\*

- ▲ Maintained ASHRAE ventilation standards:
  - 50% almost always or always
  - 20% sometimes
  - 7% rarely
  - 22% never
- ▲ Kept relative indoor humidity below 60%:
  - 55% almost always or always
  - 26% sometimes
  - 8% rarely
  - 11% never
- ▲ 67% of schools had a plan for how to address mold problems
- ▲ 72% responded to moisture-related issues within 48 hours (20% had no moisture-related issues)

\* 12 months preceding the study




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### School Bus Engine-Idling Reduction

- ▲ 35% of districts had implemented a program
- ▲ 89% of these districts had provided bus drivers with training related to the program



Source: CDC, School Health Policies and Programs Study 2006




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### Integrated Pest Management (IPM)

- ▲ Approach to pest control that seeks to reduce use of toxic pesticides
  - Relies on non-toxic methods such as physical exclusion
  - Limits pesticide use to when it is essential



Source: CDC, School Health Policies and Programs Study 2006




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### Pest Control

- ▲ 24% of states required and 31% recommended that districts or schools follow an IPM program
- ▲ 28% of districts required and 41% recommended that schools use spot treatments, not widespread application of pesticides
- ▲ 49% of states and 82% of districts required schools to inspect for pests; 94% of schools did so

Source: CDC, School Health Policies and Programs Study 2006




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### Percentage of Schools Almost Always or Always Implementing IPM Strategies

Strategy	Schools
Waste stored in containers with tight lids	74
Eating allowed only in designated areas	60
Spot treatments and baiting used rather than widespread applications of pesticides	58
Openings in walls, floors, doors, and windows sealed with caulk or weather stripping	50
Cracks in pavement or sidewalk repaired	43

Source: CDC, School Health Policies and Programs Study 2006




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### School Health Councils

- ▲ 86% of states had a school health council
- ▲ 73% of districts had a school health council
  - 31% of district-level councils met 5 or more times during preceding 12 months
  - 76% addressed the physical school environment
- ▲ 40% of schools had a school health council
  - 34% of school-level councils met 5 or more times during preceding 12 months
  - 75% addressed the physical school environment

Source: CDC, School Health Policies and Programs Study 2006




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### Training

- ▲ 96% of districts and 94% of schools had someone to oversee custodial, maintenance, and environmental issues
- ▲ 59% of those districts and 64% of those schools required a newly hired person in this position to have formal training

Source: CDC, School Health Policies and Programs Study 2006




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### Percentage of Districts Offering Training and Schools Requiring Training

Physical Environment Topic	Districts	Schools
Use of hazardous materials	85	80
How to address mold problems	65	60
Indoor air quality	56	46

Source: CDC, School Health Policies and Programs Study 2006




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