

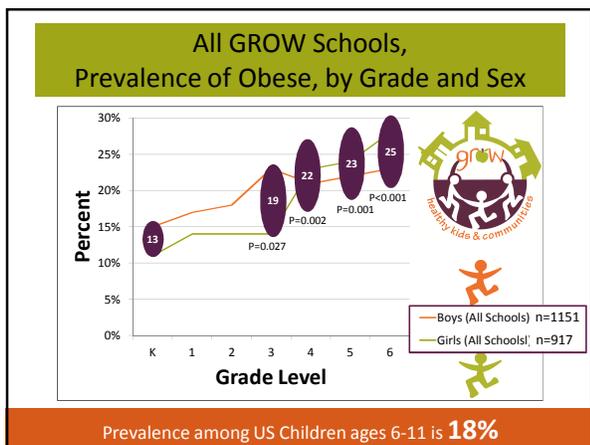
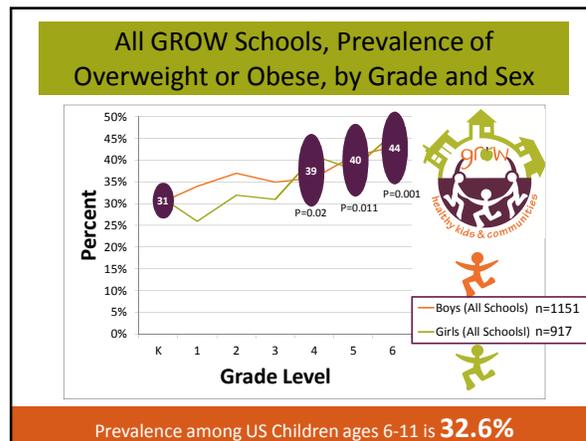
Height-Weight Assessment



- Conducted during the 2012-2013 school-year in six rural elementary schools.
- Conducted by research staff in partnership with Extension field faculty and school volunteers.







Improving School Nutrition and Physical Activity Options through Targeted Environmental Actions

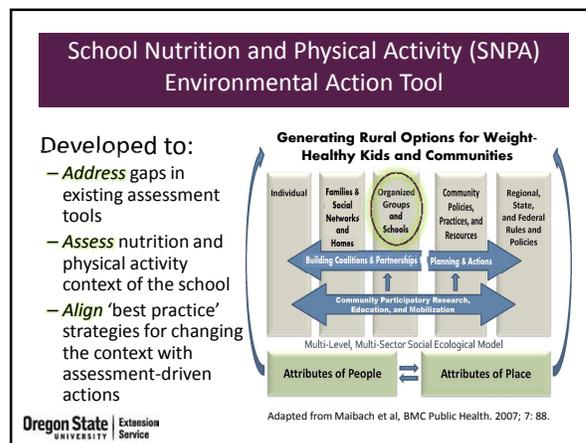


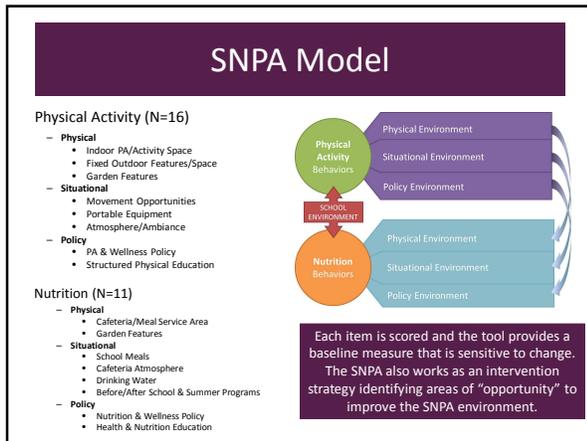
Promoting Healthy Schools

- Schools are critically important environments that have significant impact on children's health behaviors.
- In the past decade, schools have made progress in nutrition and physical activity policies and practices; however, there remains room for improvement



IOM. 2012. *Accelerating Progress in Obesity Prevention: Solving the Weight of the Nation*. CDC. 2013. *Results from the School Health Policies and Practices Study 2012*.





Utility: Data Sources, Informants, and Criteria

Category: Policy Environment

Area of Interest 16: Structured Physical Education

Required Data Sources:

- Direct Observation Time: 10:30 AM / PM
- Interview
- Document Review
- Other, please specify _____

Informant:

- School Administrator
- Teacher, specifically PE Teacher
- District Food Service Director
- Meal Service Manager/Cafeteria Staff
- Classified Staff/Volunteer, specifically _____
- Wellness Committee
- Other, specifically _____

Description:
The school has a structured physical education/physical activity program that is coordinated and/or instructed by trained/credentialed physical educator(s).

Criteria:

- A – The school has a trained/credentialed Physical Education Teacher.
- B – Students participate in a minimum of 150 minutes of structured physical activity education per week.
- C – Physical education instruction is based on a written and sequential physical activity education curriculum that is consistent with state/national standards for physical education (see appendix).

Area of Interest 16 Score: 2/3 criteria met

Assess & mark each criteria using [-] for does not meet and [] for meets all elements of the criteria description.

Priority (H, M, L)	SCHOOL NUTRITION AREAS OF INTEREST (n=11)	Percent Met
	17. Cafeteria/Meal Service Area: Offers a clean, pleasant, and safe setting with adequate space for eating meals	
	18. Garden Features: School has orchards, greenhouses, in-ground gardens, raised beds, and/or container gardens and grows edible produce.	
	19. School Meals: Program meets or exceeds federal and/or state food and nutrition standards and is managed efficiently and inclusively.	
	20. Food and Beverage Habits: Promoting healthy food and beverage choices and habits is accepted and integrated into the school culture.	
	21. Food and Beverage Practices: All foods and beverages served or sold outside of the school meals program during the regular and extended school day meet or exceed federal and/or state standards for foods and beverages sold in schools.	
	22. Drinking Water: Clean, safe, palatable drinking water is available, accessible, and promoted to all students and staff throughout the school day.	
	23. Cafeteria Atmosphere: Meals served to students are attractively presented in a pleasant (friendly, comfortable, and inviting) environment with sufficient time for eating.	
	24. Before/After School and Summer Extracurricular Programs: School provides and/or partners with community resources to provide healthy foods and beverages, and nutrition education opportunities before and/or after school and in the summer.	
	25. Nutrition and Wellness Policy: School has implemented the district wellness policy, drafted a written nutrition policy and communicates with school staff, families and the district regarding its nutrition progress on an annual basis; school's nutrition goals are integrated into the school's overall long-range wellness improvement goals/plan.	
	26. Nutrition and Wellness Committee: Active wellness council/committee exists and has specific nutrition-related objectives and/or an active nutrition council/subcommittee.	
	27. Health and Nutrition Education: Health education program includes functional knowledge and skills-based nutrition lessons. Nutrition behaviors/habits are taught in all grades.	

Priority (H, M, L)	Assigned by school committee	Calculated by SNPA assessment team	Percent Met
H	17. CAFETERIA/MEAL SERVICE AREA: Offers a clean, pleasant, and safe setting with adequate space for eating meals	Scored by agreement of SNPA auditors	67%
	A. Sufficient Space for food purchasing/service areas with necessary space for seating.	1	
	B. Equipment and furniture are in good repair.	1	
	C. Tables and chairs appropriately-sized for students with space to accommodate special needs.	1	
	D. Environment minimizes distractions from choosing and eating healthy foods through measures such as adequate lighting, noise reduction and seating arrangements.	1	
	E. Hand-washing/sanitizing stations available, accessible, and located in convenient area(s) near food service to encourage safe food handling practices.	0	
	F. Entrances are clear, dry, and free of obstacles, and facilitate free-flowing traffic to reduce or eliminate congestion and safety risks.	0	

E. HAND-WASHING/SANITIZING STATIONS

0

Suggestions for action...

Follow the recommendations in the *Action Guide for School Nutrition and Physical Activity Policies*. See the section "Surroundings for Eating" (pg. 122).
http://www.sde.ct.gov/sde/lib/sde/PDF/DEPS/Student/NutritionEd/Action_Guide.pdf

Incorporate the recommendations in the *School Health Guidelines to Promote Healthy Eating and Physical Activity*. See the section "Provide Access to Healthy Foods, Facilities, and Access to Safe Spaces, Physical Activity" (pg. 18).
<http://www.ct.gov/health>

Explore examples of It's a SNAP! (S) <http://www.itssnap.org>

the Healthy Schools, Healthy People, Prevention website.
<http://www.healthyschoolshelp.org>

Healthy Schools, Healthy People

Suggestions for action...

Follow the recommendations in the *Action Guide for School Nutrition and Physical Activity Policies*. See the section "Surroundings for Eating" (pg. 122).
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USDA Resource!

Implementation Guidance

Surroundings for Eating

The physical environment greatly impacts the effectiveness of all other measures. School conditions should focus on making eating experiences more enjoyable for students. A pleasant eating environment includes the characteristics summarized below:

- The cafeteria has sufficient seating space so that students don't have to spend too much time waiting to eat.
- Eating areas are attractive and have sufficient space for seating tables and chairs and are well lit for the students.
- Schools encourage socializing among students, and between students and adults.
- Adults provide supervision during eating times and serve as role models to students.
- Children's involvement options are specific to each grade appropriate – "Let's choose."
- Play tables, including play dough, are available.
- Children enjoy using play tools and options of the dining facilities area, including holding materials, utensils, cups, bowls, disposable containers designed for food presentation and reuse, and food and staff safety, is given priority in renovations or new construction.
- Handwashing equipment and supplies are in a convenient place that children can reach and use before meals. If students have access to hand sanitizing options before they eat, it is a plus.
- Drinking fountains are available.
- Drinking fountains are available throughout the day.

Change: <http://www.usda.gov/health/nutrition/implementation> as it has been updated with appropriate, additional information and resources at the end of the document.

Links

- [Guide to Local Action Support Materials](#)
- [CDC brochure](#)
- [Presentation in overhead format](#)
- [Presentation script](#)

Priority (H, M, L)	SCHOOL PHYSICAL ACTIVITY AREAS OF INTEREST (n=16)	Percent Met
1	Indoor Space: Facilities and/or dedicated outdoor spaces are available to accommodate physical activity/physical activity opportunities.	
2	Outdoor Space/Field Features: Outdoor space is adequately sized for teaching and active play, has clearly defined boundaries, and comprises a variety of appropriate physical activity/active play settings, equipment, and materials.	
3	Shelter and Shade Structures: Natural or artificial shade structures and/or shelters provide protection from sun and/or inclement weather.	
4	Natural Features: Natural or green playground areas, elements, and/or features are available.	
5	Garden Features: Gardens and/or growing structures (e.g., raised beds, trellises, in-ground beds, raised beds, and containers) and topics of positions that are available for physical activity/active play.	
6	Surface and Surface Markings: Indoor and outdoor surfaces and surface markings provide for a variety of safe movement activities/active play.	
7	Storage and Display Features: Schools offer physical and/or natural products safe and displayed for physical activity/active play.	
8	Neighborhood Features: Built environment features/neighborhood proximal to the school property provides safe physical activity/active transportation access for pedestrian and bicycle circulation from the neighborhood to the site entrances to the building.	
9	Portable Equipment: Portable equipment is available, easily accessible, and offers a wide variety of opportunities.	
10	Atmosphere/Ambiance: Indoor and outdoor spaces have a friendly, welcoming, inclusive, and inviting atmosphere that are culturally appropriate and stimulate a variety of sensory experiences (i.e., touch/features, smell, listening, looking, vestibular and proprioceptive inputs).	
11	Movement Opportunities: Indoor and outdoor fixed and portable features promote physical activity, active play and a variety of opportunities/interests.	
12	Before/After School/Summer Extracurricular Programs: School supports and/or partners with community resources to provide physical activity opportunities before and/or after school and in the summer. Extracurricular programs are available in various indoor and outdoor facilities.	
13	Garden Spaces: Designated landscape/garden spaces exist and are used to promote physical activity/active lifestyle habits.	
14	Physical Activity and Wellness Policy: School has implemented the district wellness policy, drafted a written physical activity policy and communicates with school staff, families and the district regarding students' physical activity progress on an annual basis, school's physical activity goals are integrated into the school's overall long range wellness goals.	
15	Physical Activity and Wellness Committee: Active wellness council/committee exists that has specific physical activity related objectives and/or an active physical activity council/subcommittee.	
16	Structured Physical Education: School has a structured physical education/physical activity program that is coordinated and/or structured by trained/credentialed physical educationist(s).	

SNPA Applications

- 1) Assess school resources and readiness to implement environmentally-focused "best" practices
- 2) Plan and implement partnerships, programs, and policies to change school nutrition and PA contexts
- 3) Evaluate effectiveness of school-level efforts to increase resources and improve practices that support students' nutrition and PA behaviors

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Scoring the SNPA

≤ 25%	26 ≤ 50%	51 ≤ 75%	76 ≤ 100%	> 100%
LEVEL 1 Poor Practice	LEVEL 2 Fair Practice	LEVEL 3 Good Practice	LEVEL 4 Best Practice	LEVEL 5 Better than Best
No / very few best practice criteria met	Some best practice criteria met	At least half of best practice criteria met	Most to all best practice criteria met	All and more best practice criteria met

SNPA Scoring Scale

1. Each Area of Interest is scored by: # criteria met/# criteria available = % met
2. Categorical scores may be calculated in the following environmental domains:
 - Physical Activity
 - Nutrition
 - Situational
 - Policy
3. Overall SNPA score (# criteria met/# criteria available = % met)

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GROW Schools Baseline SNPA Environmental Assessment

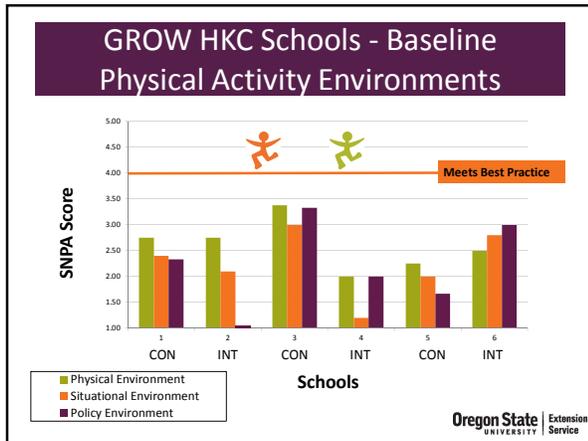
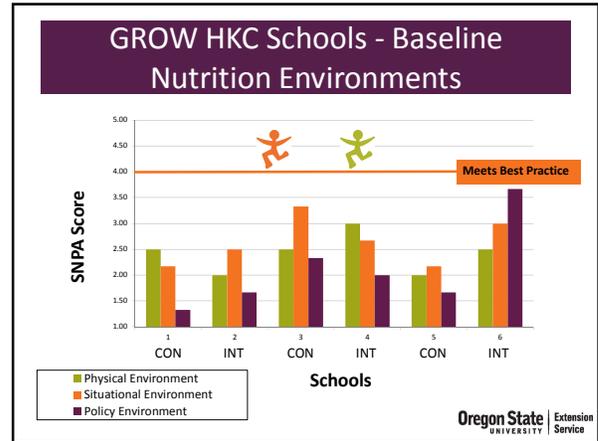
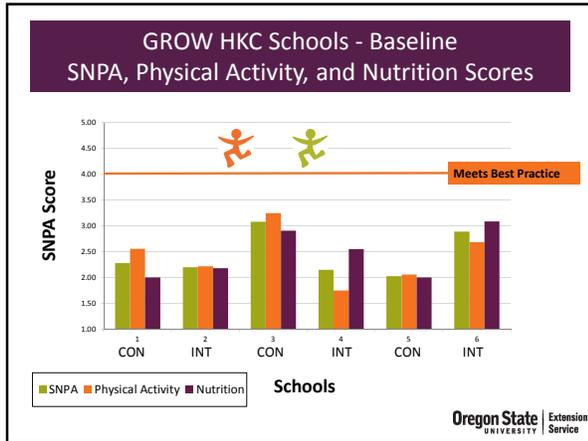
- SNPA assessments were conducted in 6 rural elementary schools between January-February, 2013.
- For each school, the SNPA was completed by two trained Extension Field Faculty in partnership with school staff and adult stakeholders.

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Results: Descriptive Characteristics

Characteristic	County 1		County 2		County 3	
School	1	2	3	4	5	6
Student enrollment	553	441	494	363	182	176
Eligible (%) for free/reduced meals	69.8	67.8	57.3	61.7	77.5	94.3
Race/Ethnicity (%)						
White	80.7	63.5	92.3	82.4	65.9	36.4
Other	8.3	3.6	4.5	9.9	10.5	57.9
Hispanic	11.0	32.9	3.2	7.7	23.6	5.7

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Report and Resource Guide

Wellness Success

- Physical Activity
 - Physical Environment
 - Investigate options for finding the outdoors during lunch time so that any unused space can be utilized for recess/physical activity.
 - Situational Environment
 - Provide opportunities for participation in physical activity breaks in addition to recess on a daily basis.
 - Policy Environment
 - Consider setting a wellness subcommittee for physical activity.
- Nutrition
 - Physical Environment
 - Ensure the cafeteria will describe elements or objects that add visual and/or auditory interest and appeal.
 - Situational Environment
 - Ensure all classrooms consistently serve at the table in time for students to enjoy the full 20 minute lunch period.
 - Policy Environment
 - Create a policy on using food as a reward, reinforcement, or punishment for students.

Opportunities for Improvement

- Physical Activity
 - Physical Environment
 - Investigate options for finding the outdoors during lunch time so that any unused space can be utilized for recess/physical activity.
 - Situational Environment
 - Provide opportunities for participation in physical activity breaks in addition to recess on a daily basis.
 - Policy Environment
 - Consider setting a wellness subcommittee for physical activity.
- Nutrition
 - Physical Environment
 - Ensure the cafeteria will describe elements or objects that add visual and/or auditory interest and appeal.
 - Situational Environment
 - Ensure all classrooms consistently serve at the table in time for students to enjoy the full 20 minute lunch period.
 - Policy Environment
 - Create a policy on using food as a reward, reinforcement, or punishment for students.

Conclusions from baseline assessments...

Rural Students

- Overweight and obesity prevails among K-6 grade students and follows an upward trend beginning around grade 3

Rural Schools

- Vary across Areas of Interest and schools but generally fail to meet best practices
- Prioritize improvements to environments that will make easier students' weight-healthy behaviors
- Need resources to address the areas of improvement identified by the SNPA assessment

July 2013 – October 2013

- OR Farm to School - School District \$20,400
- Community on the Move Fitness Trail – Elementary School, HEAL
- Community on the Move Fitness Trail – General
- YA4 \$126,205
- Playway \$2500
- Fuel Up and Play 60 Elementary School - OR Dairy Council \$500
- Elementary School - 100 Mile Club - Active Schools Acceleration Grant \$1000
- Community School Garden Camp - \$500
- Fuel Up and Play 60 Elementary School - OR Dairy Council \$4000

Key: Green = Nutrition Environment, Purple = Physical Activity Environment

Questions?



Our GROW HKC
Team!

