Findings from the 2013-14 Census of School-Based Health Centers

Erin Schelar, MPH, RN, School-Based Health Alliance
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Reminders

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• Quality Improvement
• Special Initiatives
• School-Based Health Alliance Tools

http://www.sbh4all.org/webinars
Today’s Presenters

Erin Schelar, MPH, RN
How far we’ve come

SBHC awareness

Directions for the future
Objectives
Methods
Growth
Access
Comprehensive Care
Adolescent Care
Health System Partnerships
Sustainability
Accountability
MORE & GREAT Goals
Methodology

**Ongoing:** Identifying new and closed SBHCs

- **Prior to census:** outreach to state offices and sponsoring organizations for contact information
- **Census survey** given to all SBHCs starting July, 2014
- **After census launch:** Specific outreach to sites who have not completed census through May 1, 2015
2,315 SBHCs in 49 of 50 states and in the District of Columbia, Puerto Rico, and the Virgin Islands.
There are **2,315 SBHCs** that serve students and communities in 49 of 50 states and the District of Columbia.

The number of SBHCs nationally **grew 20%** since the 2010-11 Census of SBHCs, with **385 new centers** recognized in our database.
100% of SBHCs in our analysis provide primary care on-site.

This includes:

- comprehensive health assessments
- diagnosis
- treatment of minor, acute, and chronic medical conditions
- referrals to specialists
- follow-up
Access

SBHCs address the inequitable distribution of health care resources in our nation that results in too many children and adolescents lacking the care they need.
SBHC Locations

- 94.1% are located on school property.
- 3% are mobile health centers.
- 2.7% are school-linked.
- 0.2% are telehealth-only.

(n=1,736)
2013-14 Census of School-Based Health Centers

Grade Levels of Schools Served by SBHCs

- PreK/K through 12th, 27.9%
- High School, 23.4%
- Elementary School, 15.3%
- Middle School, 8.8%
- Other, 24.6%

(n=1,645)
Types of Schools Where SBHCs Are Located

- Traditional Public School: 66.6%
- Community School: 10.0%
- Magnet School: 6.7%
- Vocational School: 6.0%
- Alternative School: 5.0%
- Charter School: 2.9%
- Parochial/Private School: 1.1%

(𝑛=1,645)
Ethnic/Racial Profile of Student Population at Schools Served by SBHCs

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>31.7%</td>
</tr>
<tr>
<td>Hispanic/Latino of any Race</td>
<td>30.6%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>25.7%</td>
</tr>
<tr>
<td>Asian/Pacific Islander</td>
<td>3.9%</td>
</tr>
<tr>
<td>Two or more races</td>
<td>3.0%</td>
</tr>
<tr>
<td>American Natives</td>
<td>1.9%</td>
</tr>
</tbody>
</table>

(n=1,736)
55.9% of SBHCs serve a population other than students enrolled in their school.

Populations eligible for care at SBHCs serving non-students:

- Students from other schools (n=901): 83.6%
- Family of student users (n=903): 65.8%
- Out-of-school youth (n=892): 61.4%
- Faculty/school personnel (n=897): 59.9%
- Other people in the community (n=884): 35.5%
Percentage of Student Population Eligible for Free/Reduced Lunch Program at Schools with SBHCs

- 76-100%: 48.7%
- 51-75%: 27.8%
- 26-50%: 16.3%
- 0-25%: 7.2%

(n=1,735)
Title I Status of Schools With SBHCs

77.6%

Title I School

Not Title I School

(n=1,385)
Trends in Geographic Location

2013-14 Census of School-Based Health Centers


- Urban
- Rural
- Suburban

(1,026 ≤ n ≤ 1,731)
Local Story: West Virginia’s Rural SBHCs
Length of Time SBHC Has Been Open

- 10 years or more: 53.0%
- 5-9 years: 20.9%
- 2-4 years: 16.0%
- Less than 2 years: 10.3%

(n=1,549)
SBHC Hours of Operation per Week

- > 31 hours/week: 66.5% (n=1,729)
- 9-30 hours/week: 21.6% (n=1,729)
- <8 hours/week: 11.9% (n=1,729)
SBHC Times of Operation

- **During school hours**: 97.6%
- **After the school day ends**: 59.0%
- **Before the school day begins**: 48.2%
- **During summer months**: 40.0%
- **During school vacations/holiday breaks**: 22.0%

(n=1,701)
SBHC Has a Prearranged Source of After-Hours Care

78.1%
Comprehensive Care

The staff and services of SBHCs are organized to identify, prevent, and remedy threats to student health, wellbeing, and academic success.
Staffing

67.2% of SBHCs teams include a primary care provider and a behavioral health provider

Growth in Percentage of SBHCs with an Expanded Care Team

- Core primary care and behavioral health team includes nutrition, health education, social services, oral health, and/or vision care

(1,026≤n≤1,737)
Provider Types in SBHCs

- Primary Care
- Clinical Support
- Behavioral Health
- Oral Health
- Nutritionist/Dietician
- Health Educator
- Vision Care

Legend:
- On-site provider only
- Both on-site and telehealth
- Telehealth provider only
SBHCs Support Physical Health

- **75.1%** hepatitis B immunizations
- **77.9%** diptheria / tetanus / acellular pertussis immunizations
- **72.1%** varicella immunizations
- **86.2%** influenza immunizations
- **84.3%** vision screenings
- **83.4%** individual chronic disease management
SBHCs Screen for Behavioral Health

- Depression/sadness: 76.1%
- Social skills/relationship issues/conflicts: 71.5%
- Anxiety/nervousness/phobias: 71.2%
- Attention/concentration/ADD/ADHD: 67.7%

(n=1,683)
Primary Care Providers Use Preventive Services to Promote Oral Health

- oral health education (88.7%)
- screenings (66.1%)
- risk assessments (68.5%)
- fluoride supplements (21.5%)
- fluoride treatments (17.2%)
- sealants (9.7%)
Adolescent-Centered Care

Adolescents have long been at the heart of the SBHC movement. Census findings reveal that the unique developmental needs of this age group remain a dominant focus: Eight in ten SBHCs today serve students in sixth grade or higher.
4 out of 5 SBHCs serve adolescents

(81.3%, n=1,381)
Preventive Activities for Adolescents

Topics frequently covered by SBHC prevention and harm reduction counseling with individual students

- Substance Use: 79.7%
- Dating Violence: 76.1%
- Suicide Prevention: 76.0%
- Violence Prevention: 75.8%
- Positive Youth Development: 71.1%

(n=1,391)
Peer Groups Support Social and Emotional Health

59.6%  Emotional health and well-being
58.3%  Positive youth development

55.0%  Interpersonal relationships
49.4%  School safety/climate

(n=853)
Healthy Eating and Active Living

85.6% of SBHCs...
provide one-on-one healthy eating/active living/weight management education for students.

45.6% of SBHCs...
do group education on healthy eating/active living/weight management.

26.0% of SBHCs...
facilitate activities with parents or community members that promote healthy eating, active living, or weight management.

(n=1,391)
Sexual and Reproductive Health Services

- Abstinence counseling (n=1,257) 83.3%
- Pregnancy testing (n=1,275) 80.2%
- Relationship violence counseling (n=1,275) 73.2%
- Chlamydia testing and treatment (n=1,278) 70.0%
- STD diagnosis and treatment (n=1,280) 69.5%
- Sexual orientation education and counseling (n=1,266) 67.3%
- Counseling for contraceptive services (n=1,279) 62.7%
- HIV testing and counseling (n=1,277) 55.0%
- Prescriptive contraceptive services (n=1,280) 47.0%
- Papanicolaou (Pap) test (n=1,278) 45.3%
- Prenatal care (n=1,276) 12.9%
50.2% of SBHCs are prohibited from dispensing contraception (n=1,236)

Entity Prohibiting Dispensing of Contraceptives in SBHCs

- School district policy (n=419): 90.5%
- School policy (n=333): 68.8%
- Health center policy (n=322): 47.8%
- Sponsor policy (n=327): 47.4%
- State law/regulation (n=342): 44.2%
- State policy (n=347): 42.1%
SBHCs that dispense contraceptives on-site provide:

<table>
<thead>
<tr>
<th>Method</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrier methods (n=504)</td>
<td>96.8%</td>
</tr>
<tr>
<td>Hormonal methods (n=503)</td>
<td>82.9%</td>
</tr>
<tr>
<td>Emergency contraception (n=500)</td>
<td>73.3%</td>
</tr>
<tr>
<td>Implantable devices (n=501)</td>
<td>39.8%</td>
</tr>
</tbody>
</table>
Health System Partnerships

Federally-qualified health centers (FQHCs) and Look-Alikes, hospitals, and health departments are expanding their delivery of care into schools to provide services for hard-to-reach school-age youth in their communities.
### Trends in Sponsor Type

**Hospital/medical center**
- 2001-02: 30%
- 2004-05: 25%
- 2007-08: 20%
- 2010-11: 15%
- 2013-14: 10%

**Community health center or FQHC or Look-Alike**
- 2001-02: 5%
- 2004-05: 10%
- 2007-08: 15%
- 2010-11: 20%
- 2013-14: 25%

**Local health department**
- 2001-02: 15%
- 2004-05: 20%
- 2007-08: 25%
- 2010-11: 30%
- 2013-14: 35%

**School system**
- 2001-02: 10%
- 2004-05: 5%
- 2007-08: 0%
- 2010-11: 5%
- 2013-14: 10%

**Private, nonprofit**
- 2001-02: 20%
- 2004-05: 15%
- 2007-08: 10%
- 2010-11: 5%
- 2013-14: 0%

(1,026 ≤ n ≤ 1,734)
Local Story: Denver Health
Sustainability

The pillars of SBHC sustainability include public sector grants, patient revenue, and philanthropic investments.
Percentage of SBHCs that Bill Entities for Reimbursement

- Medicaid: State agency (n=1,681) 89.0%
- Medicaid: Managed Care Organization (MCO) (n=1,614) 78.1%
- Children's Health Insurance Program (CHIP) (n=1,375) 71.4%
- Private/commercial insurance (n=1,672) 69.0%
- Tri-care (military insurance program) (n=1,522) 51.6%
- Patients or families (self-pay) (n=1,664) 48.1%
- State programs for the medically indigent (n=1,377) 42.9%
- State family planning programs (n=1,478) 38.2%
Type of Insurance Payment Received by SBHCs

- Fee for service (n=1,366) 78.3%
- Monthly or annual capitated payments for primary care (n=1,081) 34.8%
- Supplemental payments for meeting performance standards (n=1,011) 26.7%
- Monthly or annual capitated payments for care coordination (n=1,027) 18.8%
Funding Sources

- State government (1,540): 70.9%
- Federal government (n=1,500): 53.6%
- Private foundations (n=1,501): 40.4%
- School/school district (n=1,532): 33.9%
- County/city government (n=1,497): 31.7%
- Corporations/businesses (n=1,477): 17.2%
Top Sources of Federal Funding

- SBHC Capital Program (HRSA) (n=625) - 61.0%
- Section 330 PHSA: FQHC Funding (n=583) - 34.6%
- Title X PHSA: Family Planning (n=607) - 19.4%
Accountability

SBHCs routinely evaluate performance against accepted standards to achieve optimal outcomes for students, and increasingly use technology to help achieve high quality care.
SBHCs Participating in Quality Benchmarks and Programs

- State-defined tools/measures (n=1,232): 77.2%
- SBHC-developed tools/measures (n=1,244): 67.8%
- Healthcare Effectiveness Data and Information Set (HEDIS) measures (n=1,165): 65.3%
- Recommended core set of child health quality measures (CHIPRA/Medicaid) (n=1,105): 55.3%
- Sponsor-defined tools/measures (n=1,207): 54.4%
- School-Based Health Alliance CQI for SBHC Tool (n=1,108): 16.7%
- School-Based Health Alliance Mental Health Program Evaluation Template (n=1,104): 10.2%

2013-14 Census of School-Based Health Centers
7 in 10 SBHCs are accredited

SBHC Accreditation by Source

- State Certification: 43.9%
- Joint Commission: 41.1%
- NCQA: 22.2%
SBHC is not recognized as preferred provider, but is reimbursed for some services (n=1,183) - 55.5%

SBHC serves as a PCP/preferred provider/medical home (n=1,346) - 50.7%

SBHC serves as a specialty care provider (n=1,221) - 38.5%
Health Information Technology (HIT) Use Over Time

- EHR/EMR
- Electronic Billing System
- Electronic Prescribing

2007-08 (n=1,096) 2010-11 (n=1,297) 2013-14 (1,657<n<1,688)
SBHCs Using a Telehealth System

7.3% Yes

(n=1,737)
Local Story: Telehealth in Rural North Carolina
2013-14 Census of School-Based Health Centers

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I. Census Methodology

The School-Based Health Alliance has conducted the Census of School-Based Health Centers
Vision for the Future

• School Health Services National Quality Initiative

#MoreSBHCs
30%
Grow the number of SBHCs by 2018

#GreatSBHCs
50%
SBHCs to document performance measures

• RWJF Measures to Mobilize a Culture of Health
• Census Planning Grant and Work with RAND
• Children’s Health and Education Mapping Tool
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Thank you!
Questions?
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