STANDARDIZED SCHOOL HEALTH SERVICES DATA SET:
STEP UP AND BE COUNTED!

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We disclose the absence of personal financial relationships with commercial interests relevant to this educational activity within the past 12 months.

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NACDD also provided funds from their CDC grant for a small group to meet face to face in Atlanta-in conjunction with their project.
Objectives

By the end of the session, participants will be able to:

• Describe why standardized data collection is needed.
• Identify 3 ways Step Up & Be Counted! data can be used to advocate for student health
• Describe the 7 components of 3S Outcome Model
• Identify 2 ways model can be used in school health practice and research
Population Health

“...the United States lacks a coherent template for population health information ... to understand the health status of Americans and to assess how well the nation’s efforts and investments result in improved population health.”

(Institute of Medicine [IOM], 2010, p. s2)
The Value of School Nursing Data

When n=all, the data becomes extraordinarily visible and offers enormous potential for:

- Improved Surveillance
- Effective Interventions
- Research
- Policy
- Management

A joint NASN and NASSNC initiative
Current National Efforts

• NASSNC/NASN Joint Resolution
• Joint Leadership Team (workgroup) and Joint Steering Committee (advisory group)
• Environmental Scan
• Telephone & Face-to-Face Meetings
• Website
• Outreach

Step Up & Be Counted!
100% Students Counted
100% School Nurses Participating

A joint NASN and NASSNC initiative
The Process

• Collect at the local level (school to district)
• District report to the State (Designated State Data Champion)
• States report to national data base
Step Up and Be Counted!

Data Points for the Uniform Data Set:

- **Chronic Conditions (diagnosed)**
  - Allergies (*life-threatening*)
  - Asthma
  - Diabetes (*Type I and Type II*)
  - Seizures

- **School Staffing (count)**
  - RN, LPN, Health Extenders

- **Disposition (count)**
  - Health Office Visits
2014-2015 RESULTS

WHO PARTICIPATED

- 37 states submitted data, including Alaska and Hawaii.
- The focus of the first year was PROCESS.
- Each question had a different response rate.
- Participation within states varied from <1%-100%.
- Due to variance in states’ participation: DATA IS NOT GENERALIZABLE.
Workforce (% FTE)

FTE %

- RNs direct: 53.8%
- LPN direct: 10.1%
- Extenders direct: 32.0%
- RN float: 2.9%
- RN special: 1.1%

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Step Up & Be Counted! 100% Students Counted 100% School Nurses Participating
Dispositions

Students seen by RN

- Back to class
- 911 called
- Sent home or/for medical care

91% of students
0% of students
9% of students
Students With Diagnosed Chronic Condition

Rates/1000

- **Step Up!**
- **Other national**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Step Up! Rate</th>
<th>Other national Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asthma</td>
<td>93</td>
<td>60</td>
</tr>
<tr>
<td>Diabetes I</td>
<td>67</td>
<td>20.7</td>
</tr>
<tr>
<td>Diabetes II</td>
<td>2.6</td>
<td>1</td>
</tr>
<tr>
<td>Seizures</td>
<td>1.93</td>
<td>0.24</td>
</tr>
<tr>
<td>Severe Allergy</td>
<td>6.9</td>
<td>1</td>
</tr>
</tbody>
</table>

Asthma CDC: [http://www.cdc.gov/nchs/fastats/asthma.htm](http://www.cdc.gov/nchs/fastats/asthma.htm)


Severe Allergies CDC: [http://www.cdc.gov/healthyyouth/foodallergies/](http://www.cdc.gov/healthyyouth/foodallergies/)

Step Up & Be Counted!

100% Students Counted
100% School Nurses Participating
Step Up & Be Counted!

Data submitted for 2014-2015 school year

Who Participated
- 37 states submitted data, including Alaska and Hawaii.
- The focus of the first year was PROCESS.
- Each question had a different response rate.
- Participation within states varied from <1%-100%.
- Due to variance in states’ participation, DATA IS NOT GENERALIZABLE.

Workforce (# and % of FTE)

Dispositions - Students Seen by RN

Students with Diagnosed Chronic Conditions

Students with a Asthma Diagnosis Among School Age Children by Virginia School Division

2014-15 School Year National Association of School Nurses Survey

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Montana

Figure 3. Median nurse-reported student encounters per day, Montana Step Up survey, 2014-15 school year.

- All encounters, per 1000 students: 15.5
- Asthma-related encounters, per 1000 students: 2.1
- Diabetes-related encounters, per 1000 students: 449.9

Step Up & Be Counted!

100% Students Counted
100% School Nurses Participating

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School Health Staff

- XXX full time special assignment RNs
- XXX full time supplemental/float RNs
- XXX health aides that provide regular health services
- XXX full time LPNs providing direct services
- XXX full time RNs with an assigned caseload providing direct services
Diagnosed Chronic Health Conditions in Our District

(2016 - 2017)

- xxx asthma
- life threatening allergy
- [number] students enrolled
- xxx Type 1 Diabetes
- xxx Type 2 Diabetes
- xxx seizure disorder
Health Office Dispositions
2016 - 2017

- xxx students were returned back to the class for academic instruction
- xxx students were sent home due to illness
- xxx students required emergency services or 911
Structure

School Nurse
- Delivery Model
- Demographics
- Supervision
- Standards

Student
- Acute Health Conditions
- At-Risk
- Chronic Health Conditions
- Demographics

School Community
- Demographics
- District/School Structure
- Physical Environment
- Policies
- Resources

100% Students Counted
100% School Nurses Participating
Step Up & Be Counted!

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School Nursing Interventions
- Care Coordination
- Processes
- Health Promotion

Step Up & Be Counted!
100% Students Counted
100% School Nurses Participating
A joint NASN and NASSNC initiative

Outcome

School Nurse
- Competency
- Job Satisfaction
- Retention

Student
- Academic
- Health
- Satisfaction

School community
- Community-at-large
- Population Academic
- Population Health

100% Students Counted
100% School Nurses Participating

Step Up & Be Counted!
The World of Data

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A joint NASN and NASSNC initiative

Student - School Nurse - School Community (3S) Outcomes Model

Structure
- School Nurse
  - Delivery Model
  - Demographics
  - Supervision
  - Standards

Process
- School Nursing Interventions
  - Care Coordination
  - Processes
  - Health Promotion

Outcome
- School Nurse
  - Competency
  - Job Satisfaction
  - Retention

- Student
  - Academic
  - Health
  - Satisfaction

- School Community
  - Community-at-large
  - Population Academic
  - Population Health

12/14/15 draft developed by Bergren/Maughan/Wolfe
*Model to be viewed within the context of ASCD & The Center of Disease Control and Prevention’s Whole School, Whole Community, Whole Child Model
Model based on:
Website includes:

- Data collection tool
- Excel sheet for paper collection
- Frequently Asked Questions
- Archived webinars

Questions: stepupbecounted@nasn.org
“If you’re not in the database, you don’t exist…”

(Hassett, M., 1998)
Step Up & Be Counted!

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