Think Global, Act Local: Best Practices of School Nursing Around the World

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National Association of School Nurses
Objectives

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

◦ Articulate similarities and differences in models of school nursing practiced around the world.

Nearly 235 million children in the world suffer from asthma.

Over 155 million children are considered obese (tripled in 20 years)

Leading cause of death of children less than 5 years include pneumonia, diarrhea, malnutrition, and malaria

http://www.who.int/school_youth_health/en/
Method

- Systematic review of the literature (2007, English)
- A secondary analysis of OECD health data
- Key informant interviews

https://www.coursera.org/course/publichealth
Results

- 10 articles
- 4 government/white papers
- 4 Key Informant Interviews
  - Many more ‘informal interviews’
OECD Data: Nurses Per Population
Nurse to Physician Ratio
Table 2.1. Comparative policy-focused child well-being in 30 OECD countries
1 ranks the best performing country

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<thead>
<tr>
<th>Country</th>
<th>Material well-being</th>
<th>Housing and environment</th>
<th>Educational well-being</th>
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Results

- Employed by health or education.
- Roles varied
- Health promotion and chronic disease management.
- Screening
Many roles changing (health reform)
Health Disparities and Social Determinants a key function.
Budgets impacting numbers of school nurses. Need to show cost effectiveness and impact.
Scotland

Structure of Children’s health

- Home Visitors, 0–5 years
- District Nurse
Budget Cuts = New Model of Care
- Coordinated forms: police, school and health
- 0–5 years Home Visitors
- District Nurse–Chronic Disease Specialist
- Teacher’s responsibilities
Care Coordination

“In the new health and care system, every organisation needs to demonstrate how it can best contribute to people’s health and wellbeing at every stage of life.”
RN Case Manager Antonelli, Stille, and Antonelli (2008)

- 81% reduction in ER visits
- 63% reduction in medical office visits

School Nurse Case Manager (Moricca, et al., 2013)

- Decreased absences due to illness
Public Health Impact

- **School Savings** *(SAMHSA, 2010)*
  - $US 4.5 million – for children not repeating grades

- **Return on Investment** *(return per $US1 spent)*
  - Prevention: $5.60
  - Depression: $7.00
  - Substance abuse: $4.00–$7.00
  - Immunizations: $9.9 million direct care
  - School Nursing: $2.20 (low estimate)
Limitations

- English only
- Not representative of each country
- Hard to compare some aspects of data
- Limited information (need for data!)
Future Work Needed

- International School Nurse Survey
  - English
- Identification of key outcomes/indicators
- Visibility
“Each affects the other and the other affects the next, and the world are full of stories, but the stories are all one.”

M. Albom: The Five People You Meet in Heaven
Questions

http://www.sfcapc.org
Selected References

Care Coordination

- [http://www.nursingworld.org/carecoordinationwhitepaper](http://www.nursingworld.org/carecoordinationwhitepaper) (Antonelli et al reference found in report)

Budget


Return on Investment

- [http://healthyamericans.org/reports/prevention08/Prevention08Exec.pdf](http://healthyamericans.org/reports/prevention08/Prevention08Exec.pdf)