## School Nurse Association of N. C. report to N.C. Public Health Study Commission February 4, 2010

## Summary of Discussion

- There are 1,231 school nurses in NC- 34% state funded (08-09 data).
- The school nurse to student ratio ranges from 1:253-1:3309 with an average ratio of 1:1207.
- 11% increase in teen pregnancies in NC, 06-07 years.
- 15,463 medical procedures ordered to be performed in NC Schools, 30,433 daily medications administered (5,477,940 doses administered per year), 39,985 emergency medications ordered yearly (07-08).
- The school nurse can be the most cost effective way to deliver care to the school aged child and assist in preventing ED visits and hospitalizations.
- 17% (238,843 students) of the school aged population have chronic illnesses requiring school nurse interventions.
- Asthma is the number one reason for school absenteeism in schools.
- Students with chronic illnesses that have access to a school nurse daily have been shown to have decreased absenteeism, increase in school performance and improvement in their personal health.
- The school nurse can be effective in decreasing absenteeism and dropout rates by working with students that have health care needs.
- We would like to partner with legislative leadership to:
  - o Increase the capability of school nurses to track outcomes/data
  - o Identify and explore potential funding streams and
  - Serve as a resource
- Encourage educators to utilize school nurses to work with:
  - Students at risk for drop out,
  - Students with health care needs that have been retained.
  - Students with poor attendance (best indicator in student success) and
  - Pregnant and parenting teens

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References on back

North Carolina School Health Services Annual Report Jessica Gerdes RN, MS, NCSN State School Nurse Consultant: http://www.nchealthyschools.org/docs/data/reports/2007-08eoy.pdf

## Research Articles:

Engelke, M., Guttu, M., Warren, M. and Swanson, M. (2008). School Nurse Case Management for Children With Chronic Illness: Health, Academic, and Quality of Life Outcomes. *J Sch Nurs*; 24; 205

Guttu, M., Engelke, M., & Swanson, M. (2004). Does the School Nurse-to-Student Ration Make a Difference? *Journal of School Health*; 74: 39973.

Engelke, M., Guttu, M., Warren, M. and Swanson, M. (2009). Defining, Delivering, and Documenting the Outcomes of Case Management by School Nurses. *J Sch Nurs*; 25; 417