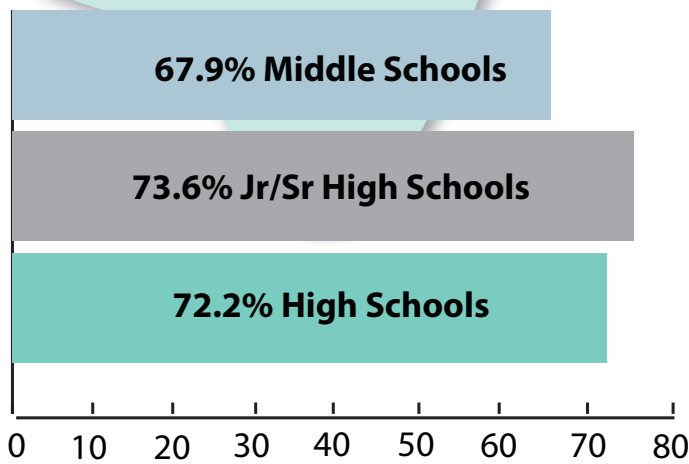


The Missouri SCHOOL HEALTH Profiles

Asthma

Percent of secondary schools in which the Lead Health Education Teachers tried to increase student knowledge on asthma in a required course in any grades 6-12, 2016



The School Health Profiles assess school health policies and practices in states, territories, large urban school districts, and tribal governments.¹ The surveys are collected every other year (even years) by education and health agencies with technical support from the U.S. Centers for Disease Control and Prevention (CDC). Questionnaires are administered to middle and high school principals and lead health education teachers from a sample of secondary schools. The profiles conducted in Missouri have had at least 70 percent of the surveys completed since 1996 and obtained weighted data, representative of the state.^{2,3}

In 2016, 381 secondary schools in Missouri were randomly selected to participate from which 294 principals (77%) and 283 lead health education teachers (74%) completed questionnaires.

Education

In 2016, 22.4 percent of secondary schools had lead health education teachers who received professional development (such as workshops, conferences, continuing education or any other kind of in-service) on asthma during the past two years and 41.0 percent of secondary schools' lead health education teachers would like to receive professional development on asthma.

In 2016, 22.6 percent of secondary schools provided parents and families with health information designed to increase parent and family knowledge of asthma during the current school year.

Health Services

In 2016, 70.1 percent of secondary schools had a protocol that ensures students with a chronic condition that may require daily or emergency management are enrolled in private, state or federally funded insurance programs if eligible.

Percentage of Schools that:	Participating States Median % 2016 (range)	Missouri		
		2012 % (95% CI)	2014 % (95% CI)	2016 % (95% CI)
Have a full-time registered nurse who provides health services to students.	50.6 (1.9-98.7)	73.9 (70.2-77.4)	75.2 (71.6-78.6)	75.7 (72.1-78.9)

What Missouri schools did:



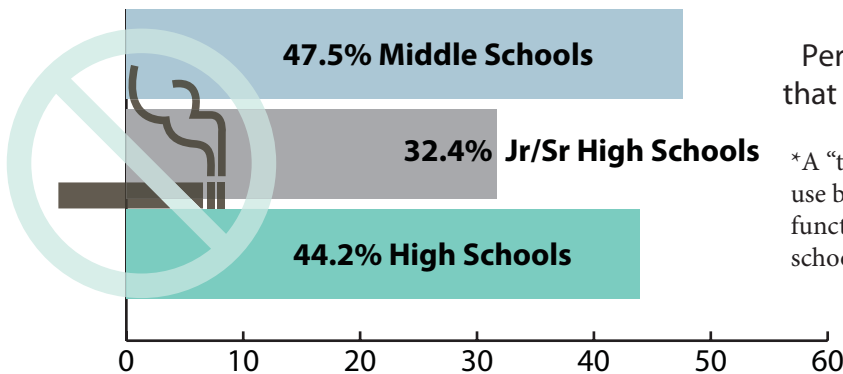
Percentage of Schools that:	2016 % (95% CI)
Routinely use school records to identify and track students with a current diagnosis of asthma.	97.6 (95.5-98.7)
Provide referrals to any organizations or health care professionals not on school property for students diagnosed with or suspected to have asthma.	52.2 (47.1-57.1)
Linked parents and families to health services and programs in the community during the current school year.	65.9 (61.0-70.4)
Use electronic, paper or oral communication to inform parents about school health services and programs.	81.4 (79.6-84.7)

*CI: Confidence Interval

Policies

In 2016, 63.7 percent of Missouri secondary schools had one or more than one group (e.g., school health council, committee, or team) that offered guidance on the development of policies or coordinated activities on health topics. In addition, 40.3% of schools had students' families help develop or implement policies and programs related to school health during the past two years.

Percentage of Schools that:	Participating States Median % 2016 (range)	Missouri		
		2012 % (95% CI)	2014 % (95% CI)	2016 % (95% CI)
Ever used the School Health Index or other self-assessment tool to assess school policies, activities, and programs.	26.1 (10.3-68.8)	29.8 (25.7-34.3)	32.7 (28.7-36.9)	34.2 (29.6-39.1)
Have adopted a policy prohibiting tobacco use.	97.8 (86.6-100.0)	99.0 (97.5-96.6)	96.8 (94.3-98.2)	96.9 (94.6-98.2)



Percent of secondary schools that follow a policy that mandates a "tobacco-free environment"*, 2016

*A "tobacco-free environment" is one that prohibits tobacco use by students, staff, and visitors in school buildings, at school functions, in school vehicles, on school grounds, and at off-site school events, applicable 24 hours a day and seven days a week.

¹U.S. Centers for Disease Control and Prevention. Profiles 2016: School Health Profiles, Characteristics of Health Programs among Secondary Schools. https://www.cdc.gov/healthyyouth/data/profiles/pdf/2016/2016_Profiles_Report.pdf

²U.S. Centers for Disease Control and Prevention. Participation History & Data Quality, 1996-2016. <https://www.cdc.gov/healthyyouth/data/profiles/participation.htm>

³Missouri data source: Missouri Department of Elementary and Secondary Education

For additional information, please contact:
 Sherri Homan, RN, PhD
 Chronic Disease and Nutrition Epidemiology Team
 Sherri.Homan@health.mo.gov