

Putting Together the Pieces to Manage CHILDHOOD ASTHMA

It's time to overcome the heavy burden of childhood asthma. Although we don't have all the pieces of the childhood asthma puzzle, we know enough to better manage this chronic condition and help millions of families across America.

Most People Don't Realize That...

1 in every 11 children has asthma¹

Asthma is the #1 most common chronic condition among children²

LOW INCOME & MINORITY children bear the heaviest burden of the disease³

Asthma accounts for children missing 13 million school days a year⁴

And Many Have No Idea How Costly and Serious Asthma Can Be

\$18 BILLION combined national cost for healthcare and missed school and work days attributed to childhood asthma⁵

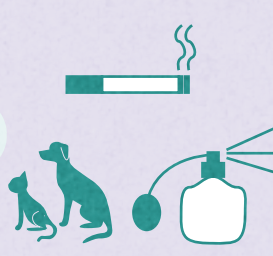
Asthma adds about +50¢ to every HEALTHCARE DOLLAR spent on children with asthma compared to children without asthma⁶

It's Time to Manage Asthma Where Children Live, Learn and Play



Reducing Triggers Can Cut Asthma Attacks

Less than 1/2 of people with asthma reported being taught how to avoid triggers⁷



For some children, in-home visits to identify and remove asthma triggers can cut the rate of ER visits and asthma-related hospitalizations by at least half⁸

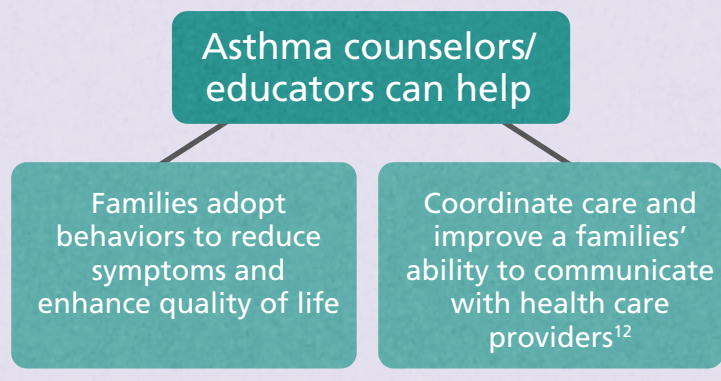
Managing Asthma at School is Key to Healthier Children

School nurses can help by monitoring students' health, providing care coordination, reducing triggers and helping implement asthma action plans⁹

Care coordination and home visits can reduce asthma-related school absences by 80%¹⁰

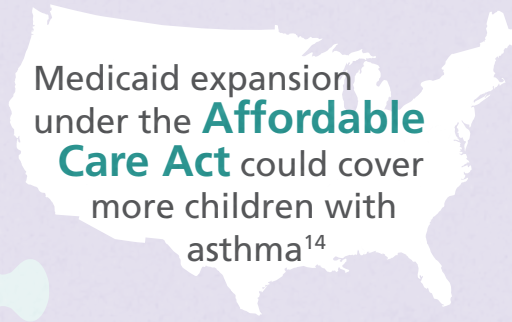
Expanding the Healthcare Team Can Improve Asthma

Community health centers serve as the primary place where as many as 20% of low-income children receive care¹¹



Creating & Improving Policies Can Help Children with Asthma

Several federal agencies developed a Coordinated Federal Action Plan to help reduce childhood asthma disparities¹³



18 policy, advocacy and research groups are part of the Childhood Asthma Leadership Coalition, which seeks to advance public policies to improve the health of children who suffer from asthma¹⁵

Better access to quality, affordable care plus healthier communities can reduce costs and improve health for millions of children with asthma.

To learn more about addressing the complex and growing problem of childhood asthma, visit www.mcanonline.org.



References

- 1. Asthma's Impact on the Nation: Data from the CDC National Asthma Control Program. Retrieved from http://www.cdc.gov/asthma/impacts_nation/AsthmaFactSheet.pdf
2. Wang L, Zhong Y, Wheeler L. Direct and indirect costs of asthma in school-age children. Prev Chronic Dis. 2005 Jan. Available from: http://www.cdc.gov/pccd/issues/2005/jan/04_0053.htm
3. Akinbami, L.J., Mooreman, J.E., Bailey, C., Zahran, H., King, M., Johnson, C., & Liu, X. Centers for Disease Control and Prevention, National Center for Health Statistics. (2012). Trends in asthma prevalence, health care use, and mortality in the United States, 2001-2010. Retrieved from http://www.cdc.gov/nchs/data/databriefs/db94.pdf
4. Akinbami, L.J. (2006). The state of childhood asthma, United States, 1980-2005. Hyattsville, MD: National Center for Health Statistics. Retrieved from http://www.cdc.gov/nchs/data/ad/ad381.pdf
5. Social and Economic Costs. In Asthma Facts and Figures. http://www.aafa.org/display.cfm?id=9&sub=42
6. Markus, A., Lyon, M., Rosenbaum, S., (2010, March). Changing Policy: The Elements for Improving Childhood Asthma Outcomes. Retrieved from http://www.mcanonline.org/files/Changingp02licyReport.pdf
7. Asthma is increasing every year in the US. In CDC Vital Signs: Asthma in the US. (2011). Retrieved from http://www.cdc.gov/VitalSigns/Asthma/
8. Markus, A., Lyon, M., Rosenbaum, S., (2010, March). Changing Policy: The Elements for Improving Childhood Asthma Outcomes. Retrieved from http://www.mcanonline.org/files/Changingp02licyReport.pdf
9. The Evolving Role of the School Nurse in Treating and Managing Childhood Asthma - at School and at Home. (2012). Retrieved from http://www.mcanonline.org/files/NASNWebinarSlides.pdf
10. Mansfield, C., Viswanathan, M., Woodell, C., Nourani, V., Ohadike, Y., Kennedy Lesch, J. (2011). Outcomes From a Cross-Site Evaluation of a Comprehensive Pediatric Asthma Initiative Incorporating Translation, Evidence-Based Interventions. Supplement to the Health Promotion Practice. 12, 59S.
11. Community Health Centers Addressing Childhood Asthma: The CHAMPS Partnership. In Community Health Center Spotlight. (2012). Retrieved from http://www.ncsl.org/issues-research/health/community-health-centers-spotlight.aspx
12. Mansfield, C., Viswanathan, M., Woodell, C., Nourani, V., Ohadike, Y., Kennedy Lesch, J. (2011). Outcomes From a Cross-Site Evaluation of a Comprehensive Pediatric Asthma Initiative Incorporating Translation, Evidence-Based Interventions. Supplement to the Health Promotion Practice. 12, 59S.
13. President's Task Force on Environmental Health Risks and Safety Risks to Children. (2012). Retrieved from http://www.epa.gov/childrenstaskforce/federal_asthma_disparities_action_plan.pdf
14. About the Childhood Asthma Leadership Coalition (2012). Retrieved from http://www.childhoodasthma.org/?page_id=15
15. Holahan J, Buetgens M., Carroll C., and Dorn S. The Cost and Coverage Implications of the ACA Medicaid Expansion: National and State-by-State Analysis. The Urban Institute and Kaiser Commission on Medicaid and the Uninsured. November 2012. Available at: http://www.kff.org/medicaid/upload/8384.pdf.