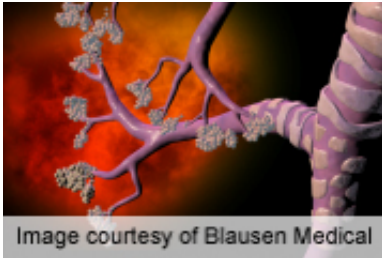


Obese youth more likely to develop asthma

August 9 2013



Obese youth are more likely to develop asthma, and are more likely to have severe asthma, according to a study published online Aug. 6 in the *American Journal of Epidemiology*.

(HealthDay)—Obese youth are more likely to develop asthma, and are more likely to have severe asthma, according to a study published online Aug. 6 in the *American Journal of Epidemiology*.

In order to examine the correlation between obesity and asthma risk, Mary Helen Black, Ph.D., from Kaiser Permanente Southern California in Pasadena, and colleagues extracted demographic and clinical information from administrative and [electronic health records](#) of 623,358 patients aged 6 to 19 years who were enrolled in the Kaiser Permanente Southern California [health plan](#) (2007 to 2011).

The researchers found that the crude incidence of asthma varied from 16.9/1,000 person-years among normal-weight youth to 22.3/1,000 person-years for extremely obese youth. Compared to those of normal

weight, the adjusted risk of asthma for overweight, moderately obese, and extremely obese youth was 1.16, 1.23, and 1.37, respectively (P-trend

"In conclusion, obese youth are not only more likely to develop asthma, they may be more likely to have severe asthma, resulting in greater need for health care utilization and aggressive [asthma treatment](#)," the authors write.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2013 [HealthDay](#). All rights reserved.

Citation: Obese youth more likely to develop asthma (2013, August 9) retrieved 25 April 2024 from <https://medicalxpress.com/news/2013-08-obese-youth-asthma.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.