

# US teens' cardiorespiratory fitness has dropped in last decade: report

May 28 2014

---



Overweight kids have worse fitness levels than those of normal weight.

(HealthDay)—More and more U.S. teens now fall short when it comes to cardiorespiratory fitness, a new government report shows.

Using a specific measure, the researchers found that only about half of boys and one-third of girls between the ages of 12 and 15 had adequate levels of cardiorespiratory fitness. The overall percentage of fit teens went from 52.4 percent in 1999 to 42.2 percent in 2012, according to the U.S. National Center for Health Statistics, part of the U.S. Centers for Disease Control and Prevention.

Cardiorespiratory fitness involves the ability of the circulatory and respiratory systems to support continuous physical activity. It's measured by [maximal oxygen uptake](#), also known as VO<sub>2</sub>max. This is the greatest capacity of the body to use oxygen during exercise.

Regardless of their age, boys had better cardiorespiratory fitness than girls, according to data gleaned from national surveys. Although levels of cardiorespiratory fitness among teens did not vary by race or income, the survey data revealed this measure of fitness did decline as weight increased.

A smaller percentage of overweight and obese young people had adequate levels of [cardiorespiratory fitness](#) than teens who maintained a normal weight. This is particularly significant, given that about one in five U.S. teens between the ages of 12 and 19 is obese.

**More information:** The U.S. Centers For Disease Control and Prevention provides more information on [teen health and physical activity](#).

Copyright © 2014 [HealthDay](#). All rights reserved.

Citation: US teens' cardiorespiratory fitness has dropped in last decade: report (2014, May 28) retrieved 1 January 2024 from <https://medicalxpress.com/news/2014-05-teens-cardiorespiratory-decade.html>

<p>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.</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------