

# For female nurses, working nights tied to increased BMI

February 7 2013

---



Female nurses working night or mixed shifts have higher body mass index scores compared with nurses who work regular daytime schedules, according to a study published in the February issue of *Applied Nursing Research*.

(HealthDay)—Female nurses working night or mixed shifts have higher body mass index (BMI) scores compared with nurses who work regular daytime schedules, according to a study published in the February issue of *Applied Nursing Research*.

To examine the correlation between shift schedule and BMI, Peter Smith, Ph.D., M.P.H., from Monash University in Australia, and colleagues conducted a secondary analysis using data from 9,291 participants in the [National Survey](#) on the Work and Health of Nurses.

The researchers observed a small, but statistically significant, difference in BMI scores based on shift schedule categories. Female nurses working night or mixed shift schedules had higher BMI scores, compared with

those working a regular daytime schedule. This association was not attenuated by adjustment for working conditions and employer supported facilities.

"The potential public health importance of this relationship requires further investigation given the small, but statistically significant, differences observed in this sample," the authors write.

**More information:** [Abstract](#)  
[Full Text](#)

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

Citation: For female nurses, working nights tied to increased BMI (2013, February 7) retrieved 24 April 2024 from  
<https://medicalxpress.com/news/2013-02-female-nurses-nights-tied-bmi.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>
--