

Association of Smoking With Body Weight in US High School Students, 1999-2005

Dong-Chul Seo, PhD; Nan Jiang, MS; Lloyd J. Kolbe, PhD

Objectives: To investigate the association of current smoking with body mass index (BMI) and perceived body weight among high school students in the United States. **Methods:** We analyzed data from the 1999-2005 Youth Risk Behavior Survey. **Results:** Perceived body weight and BMI were associated with adolescents' current smoking. Adjusted odds ratios of current smoking for overweight and at-risk-of-overweight

BMI groups continued to increase over the entire survey years. The more recent the cohort, the stronger the link of current smoking with BMI and perceived body weight. **Conclusions:** The relationship between body weight and current smoking strengthened over time.

Key words: current smoking; body mass index; perceived body weight; adolescent health

Am J Health Behav. 2009;33(2):202-212
