

**Differences between dual users of cigarettes and snus and other tobacco users in the United States: An examination of adolescent males**

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**Abstract:**

Although dual use of tobacco products is increasingly prevalent among youth, no studies in the United States (U.S.) have examined dual use of cigarettes and snus, a new spitless form of tobacco. This study compared adolescent dual users with snus users, cigarette users, and non-users of these tobacco products, on various intrapersonal (e.g., other tobacco use) and interpersonal (e.g., friend use of tobacco) factors. Participants were 5,574 6<sup>th</sup>-12<sup>th</sup> grade students who voluntarily completed the 2011 Texas Youth Tobacco Survey. Because snus users were predominately male, mixed-effects regression analyses were conducted for males only (N=2790). Compared with cigarette users and non-users of either cigarettes or snus, male dual users scored significantly higher on the study variables; there were few differences between dual users and snus users. Limitations and implications are discussed.)