Objective: To examine public health implications of adolescent use of cigars only, cigarettes only, and both cigarettes and cigars. Methods: A cross-sectional health risk survey was administered to a random sample of 4486 high school students in a Midwestern county. Results: More adolescents reported using both cigarettes and cigars (10.6%) than cigar-only (7.4%) or cigarette-only (6.4%). Product of initiation was associated with current product use. Dual use was associated with more frequent use of both products, high stress, and susceptibility to future cigarette use. Conclusion: Assessing cigarette use without examining cigar use overlooks a critical dimension of adolescent tobacco use.

Key words: adolescent tobacco use, adolescent smoking, cigars, smoking initiation

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