

Risk Analysis

Special Issue:

The Impact of the Reduction in Tobacco Smoking on U.S. Lung Cancer Mortality (1975-2000): Collective Results from the Cancer Intervention and Surveillance Modeling Network

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Since the first Surgeon General's Report on Smoking and Health in 1964, smoking rates in the United States declined dramatically due in large part to a diverse array of tobacco control activities. In this special issue six teams of mathematical modelers, sponsored by the National Cancer Institute, quantify the impact of changes in smoking behaviors on lung cancer mortality based on detailed reconstructions of cigarette smoking histories for people born from 1890 through 1970. The issue details how this modeling was accomplished, as well as describing how many lung cancer deaths have been averted due to declines in smoking, and how many more deaths could have been averted had tobacco control efforts been perfect in eradicating cigarette smoking just after the first Surgeon General's report.

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