

## Cigarette smoking and smoking cessation among persons with chronic obstructive pulmonary disease

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### Abstrak

**Purpose:** To identify factors predictive of smoking cessation among adults with chronic obstructive pulmonary disease (COPD). Data from the 1997 to 2002 National Health Interview Surveys were analyzed for adults at least 25 years of age with COPD using logistic regression.

**Results:** Of the adults with COPD, 36.2% were current smokers. Of the current smokers and former smokers who had quit smoking during the past year, 22.9% reported not receiving cessation advice from a health care professional during the past year. Although half of smokers with COPD had attempted to quit during the past year, only 14.6% were successful. Attempting to quit was negatively associated with heavy drinking but positively associated with being younger and having cardiovascular diseases, lung cancer, and activity limitation due to lung problems. Factors predictive of successful cessation included being at least 65 years old, not being poor, and activity limitation due to lung problems.

**Conclusion:** This study underscores the importance of continuing to develop smoking cessation strategies for COPD patients and implementing clinical guidelines on smoking cessation among health care providers.