

CAMPAIGN For TOBACCO-FREE Kids®

ESTIMATES OF ANNUAL NATIONWIDE HEALTH CARE COSTS CAUSED BY SMOKING SINCE 1987 (In Billions of Dollars)

	Nationwide Total	Medicaid	Medicare	Other Fed.	Other State	Private Ins.	Self-Pay	Other
1987 CDC	\$21.89	\$2.24	\$4.49	\$2.09	\$0.69	\$7.30	\$4.60	\$0.48
1993 CDC	\$50.00							
1993 V. Miller et al.	\$53.37							
1993 Zhang et al.	\$72.73	\$12.89	\$14.18	\$45.66				
1997 Zhang et al.	\$89.17	\$16.95	\$20.48	\$51.74				
2000, OMB				\$8.0				
2001, OMB				\$8.2				
2002, OMB				\$8.5				
2003, OMB				\$8.7				
2004, OMB				\$8.9				

U.S. Centers for Disease Control and Prevention (CDC), "Medical-Care Expenditures Attributable to Cigarette Smoking – United States, 1993, *Morbidity and Mortality Weekly Report (MMWR)* 43(26): 469-472 (July 8, 1994), www.cdc.gov.

Miller, V., et al., "Smoking Attributable Costs in the U.S.A.," *Social Science and Medicine* 48: 375-391 (1999).

Zhang, X., L. Miller, W. Max, D. Rice, "Cost of Smoking to the Medicare Program, 1993," *Health Care Financing Review* 20(4): 1-19 (Summer 1999); see, also, L. Miller, et al., "State Estimates of Total Medical Expenditures Attributable to Cigarette Smoking, 1993" *Public Health Reports* 113: 447-58 (September/October 1998), <http://hav54.socwel.berkeley.edu/faculty/publications/lmiller.html>.

U.S. Office of Management and Budget (OMB), *The Budget for the United States Government - Fiscal Year 2000*, Table S-8 at page 378 (January 1999).

For an evaluation of smoking-cost estimates, see Warner, K.T., et al., "Medical Costs of Smoking in the United States: Estimates, Their Validity, and Their Implications," *Tobacco Control* 8(3):290-300 (Autumn 1999) [supporting higher estimates of Zhang, et al. for 1993 and 1997 and indicating that earlier CDC estimates are quite low.]

For information on non-health costs, see, e.g., see U.S. Department of the Treasury, *The Economic Costs of Smoking in the U.S. and the Benefits of Comprehensive Tobacco Legislation* (1998) <http://www.treas.gov/press/releases/docs/tobacco.pdf>.

National Center for Tobacco-Free Kids, October 6, 2000

Note: All estimates other than OMB's include only smoking-caused costs borne by adult smokers, and would be much higher if they included health costs caused by other tobacco use, by smoking and other tobacco use among non-adults, and by secondhand smoke (including health problems of newborns caused by pregnant women smoking or being exposed to secondhand smoke).