



Smoking-Attributable Mortality, Morbidity, and Economic Costs (SAMMEC)

Adult SAMMEC — Relative Risk¹Relative Risk¹

Disease Category	Male		Female	
	Current Smoker	Former Smoker	Current Smoker	Former Smoker
Malignant Neoplasms				
Lip, Oral Cavity, Pharynx	10.89	3.40	5.08	2.29
Esophagus	6.76	4.46	7.75	2.79
Stomach	1.96	1.47	1.36	1.32
Pancreas	2.31	1.15	2.25	1.55
Larynx	14.60	6.34	13.02	5.16
Trachea, Lung, Bronchus	23.26	8.70	12.69	4.53
Cervix Uteri	0.00	0.00	1.59	1.14
Kidney and Renal Pelvis	2.72	1.73	1.29	1.05
Urinary Bladder	3.27	2.09	2.22	1.89
Acute Myeloid Leukemia	1.86	1.33	1.13	1.38
Cardiovascular Diseases				
Ischemic Heart Disease				
Persons Aged 35–64	2.80	1.64	3.08	1.32
Persons Aged 65+	1.51	1.21	1.60	1.20
Other Heart Disease	1.78	1.22	1.49	1.14
Cerebrovascular Disease				
Persons Aged 35–64	3.27	1.04	4.00	1.30
Persons Aged 65+	1.63	1.04	1.49	1.03
Atherosclerosis	2.44	1.33	1.83	1.00
Aortic Aneurysm	6.21	3.07	7.07	2.07
Other Arterial Disease	2.07	1.01	2.17	1.12
Respiratory Diseases				
Pneumonia, Influenza	1.75	1.36	2.17	1.10
Bronchitis, Emphysema	17.10	15.64	12.04	11.77
Chronic Airway Obstruction	10.58	6.80	13.08	6.78

Data Elements

Name	CPS–II(82-88)
Reference	Unpublished estimates provided by American Cancer Society (ACS). See Thun MJ, Day-Lally C, Myers DG, et al. Trends in tobacco smoking and mortality from cigarette use in Cancer Prevention Studies I (1959 through 1965) and II (1982 through 1988). In: Changes in cigarette-related disease risks and their implication for prevention and control. Smoking and Tobacco Control Monograph 8. Bethesda, MD: US Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute 1997;305–382. NIH Publication no. 97–1213.

¹ Among adults aged 35 years and older.