

Table 1.4

Summary of Changes in Cancer Mortality, 1950-2010 and  
5-Year Relative Survival (Percent), 1950-2009  
Males and Females, By Primary Cancer Site

Primary Site	Whites			
	U.S. Mortality Percent Change 1950-2010 <sup>a</sup>		5-Year Relative Survival (Percent) <sup>b</sup>	
	Total	APC	1950-1954	2003-2009
Oral cavity and pharynx	-51.4	-1.3*	46	67.3
Esophagus	30.3	0.8*	4	20.4
Stomach	-87.4	-3.4*	12	27.7
Colon and rectum	-54.0	-1.2*	37	67.0
Colon	-47.2	-1.0*	41	66.6
Rectum	-69.4	-2.3*	40	68.1
Liver and intrahepatic bile duct	48.8	0.8*	1	16.8
Pancreas	27.2	0.1*	1	6.5
Larynx	-37.8	-0.7*	52	64.4
Lung and bronchus	216.8	1.4*	6	18.0
Males	140.3	0.8*	5	15.7
Females	560.5	3.1*	9	20.4
Melanoma of the skin	177.9	1.3*	49	93.1
Breast(females)	-34.6	-0.6*	60	91.7
Cervix uteri	-82.3	-3.3*	59	70.5
Corpus and uterus, NOS	-66.1	-1.7*	72	85.5
Ovary	-8.9	-0.3*	30	43.9
Prostate	-31.0	-0.3*	43	99.8
Testis	-69.0	-2.9*	57	97.0
Urinary bladder	-28.6	-0.7*	53	80.5
Kidney and renal pelvis	33.4	0.5*	34	73.3
Brain and nervous system	48.9	0.5*	21	33.2
Thyroid	-41.2	-1.1*	80	98.2
Hodgkin lymphoma	-79.3	-3.3*	30	88.7
Non-Hodgkin lymphoma	85.6	1.0*	33	72.3
Myeloma	207.3	1.3*	6	45.2
Leukemia	-0.9	-0.3*	10	60.0
Childhood (Ages 0-14)	-73.8	-2.7*	20	84.6
All Sites	-12.7	-0.1*	35	69.2

The APC is the Annual Percent Change over the time interval.

Rates used in the calculation of the APC are age-adjusted to the 2000 U.S. standard population (18 age groups - Census P25-1130).

<sup>a</sup> U.S. Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Due to coding changes throughout the years: Colon excludes other digestive tract; Rectum includes anal canal; Liver & intrahepatic bile duct includes gallbladder & biliary tract, NOS; Lung & bronchus includes trachea & pleura; Ovary includes fallopian tube; Urinary bladder includes other urinary organs; Kidney & Renal pelvis includes ureter; NHL and myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.

<sup>b</sup> Survival estimates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, Oral cavity & pharynx, Colon & rectum, Non-Hodgkin lymphoma and Childhood cancers which come from historical Connecticut data. Survival estimates for 2003-2009 are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Rates are based on follow-up of patients into 2010.

\* The APC is significantly different from zero (p<.05).