

Table 1.4

Summary of Changes in Cancer Mortality, 1950-2011 and  
5-Year Relative Survival (Percent), 1950-2010  
Males and Females, By Primary Cancer Site

Primary Site	Whites			
	U.S. Mortality Percent Change 1950-2011 <sup>a</sup>		5-Year Relative Survival (Percent) <sup>b</sup>	
	Total	APC	1950-1954	2004-2010
Oral cavity and pharynx	-51.9	-1.3*	46	67.4
Esophagus	28.3	0.8*	4	21.0
Stomach	-88.1	-3.4*	12	28.1
Colon and rectum	-55.3	-1.3*	37	66.9
Colon	-48.6	-1.0*	41	66.5
Rectum	-70.3	-2.3*	40	68.0
Liver and intrahepatic bile duct	53.0	0.8*	1	17.1
Pancreas	26.1	0.1*	1	7.2
Larynx	-39.2	-0.7*	52	64.0
Lung and bronchus	207.5	1.4*	6	18.2
Males	131.9	0.7*	5	15.8
Females	543.9	2.9*	9	20.7
Melanoma of the skin	173.7	1.3*	49	92.9
Breast(females)	-35.8	-0.6*	60	91.8
Cervix uteri	-81.9	-3.2*	59	71.0
Corpus and uterus, NOS	-66.2	-1.6*	72	85.3
Ovary	-12.1	-0.3*	30	44.3
Prostate	-33.9	-0.4*	43	99.8
Testis	-70.5	-2.8*	57	97.0
Urinary bladder	-28.7	-0.7*	53	79.8
Kidney and renal pelvis	33.7	0.5*	34	73.8
Brain and nervous system	50.5	0.5*	21	33.4
Thyroid	-40.4	-1.0*	80	98.3
Hodgkin lymphoma	-80.9	-3.3*	30	88.3
Non-Hodgkin lymphoma	82.6	0.9*	33	72.5
Myeloma	217.3	1.2*	6	46.8
Leukemia	-0.8	-0.3*	10	61.0
Childhood (Ages 0-14)	-74.3	-2.7*	20	84.4
All Sites	-14.1	-0.1*	35	69.4

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;

<sup>b</sup> NHL includes a small number of ill-defined sites.  
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 2004-2010 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 2011.

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