

Table 1.3

Summary of Changes in Cancer Mortality, 1950-2008 and  
5-Year Relative Survival (Percent), 1950-2007  
Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2008 <sup>a</sup>	Actual Cancer Deaths in 2008 <sup>b</sup>	U.S. Mortality Percent Change 1950-2008 <sup>b</sup>		5-Year Relative Survival (Percent) <sup>c</sup>	
			Total	APC	1950-1954	2001-2007
Oral cavity and pharynx	35,310	8,019	-52.5	-1.3*	46	65.1
Esophagus	16,470	13,714	27.7	0.8*	4	19.6
Stomach	21,500	11,352	-87.2	-3.4*	12	26.1
Colon and rectum	148,810	53,319	-51.7	-1.2*	37	67.1
Colon	108,070	43,394	-43.5	-0.9*	41	66.5
Rectum	40,740	9,925	-70.3	-2.4*	40	68.7
Liver and intrahepatic bile duct	21,370	21,561	40.4	0.7*	1	14.6
Pancreas	37,680	35,234	26.4	0.1*	1	5.9
Larynx	12,250	3,760	-34.0	-0.7*	52	64.9
Lung and bronchus	215,020	158,859	230.7	1.6*	6	16.7
Males	114,690	88,740	155.6	0.9*	5	14.5
Females	100,330	70,119	578.3	3.3*	9	19.2
Melanoma of the skin	62,480	8,623	170.5	1.4*	49	93.0
Breast(females)	182,460	40,589	-33.0	-0.5*	60	91.4
Cervix uteri	11,070	4,008	-81.7	-3.3*	59	70.3
Corpus and uterus, NOS	40,100	7,675	-68.0	-1.8*	72	85.4
Ovary	21,650	14,771	-7.9	-0.2*	30	43.3
Prostate	186,320	28,471	-27.3	-0.2	43	99.9
Testis	8,090	358	-73.5	-2.9*	57	97.0
Urinary bladder	68,810	14,433	-29.8	-0.8*	53	81.1
Kidney and renal pelvis	54,390	13,249	34.3	0.5*	34	71.0
Brain and nervous system	21,810	13,724	50.2	0.5*	21	33.7
Thyroid	37,340	1,649	-39.6	-1.2*	80	97.6
Hodgkin lymphoma	8,220	1,171	-80.1	-3.3*	30	87.5
Non-Hodgkin lymphoma	66,120	19,998	94.0	1.2*	33	70.7
Myeloma	19,920	10,703	207.8	1.4*	6	41.5
Leukemia	44,270	22,334	0.4	-0.2*	10	57.1
Childhood (Ages 0-14)	10,730	1,354	-73.2	-2.7*	20	83.8
All Sites	1,437,180	565,460	-10.9	-0.1	35	68.6

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> Facts and Figures, 2008. American Cancer Society, Atlanta, Georgia, 2008.

<sup>b</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>c</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 2001-2007 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 2008.

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