

Table 1.3

Summary of Changes in Cancer Mortality, 1950-2016 and
5-Year Relative Survival (Percent), 1950-2015
Males and Females, By Primary Cancer Site

Primary Site	Whites			
	U.S. Mortality Percent Change 1950-2016 ^a		5-Year Relative Survival (Percent) ^b	
	Total	APC	1950-1954	2009-2015
Oral cavity and pharynx	-48.3	-1.2*	46	67.4
Esophagus	24.3	0.7*	4	20.8
Stomach	-89.0	-3.3*	12	28.7
Colon and rectum	-58.9	-1.4*	37	67.6
Colon	-53.8	-1.2*	41	67.3
Rectum	-70.3	-2.1*	40	68.3
Liver and intrahepatic bile duct	66.3	0.9*	1	16.9
Pancreas	28.7	0.1*	1	7.5
Larynx	-43.5	-0.9*	52	64.6
Lung and bronchus	158.9	0.9*	6	18.5
Males	89.0	0.3	5	16.0
Females	459.8	2.3*	9	21.2
Melanoma of the skin	123.8	1.1*	49	93.4
Breast(females)	-39.9	-0.8*	60	92.1
Cervix uteri	-81.6	-3.1*	59	71.8
Corpus and uterus, NOS	-62.3	-1.3*	72	85.7
Ovary	-19.0	-0.4*	30	44.9
Prostate	-37.6	-0.7*	43	99.8
Testis	-68.8	-2.6*	57	97.4
Urinary bladder	-28.9	-0.6*	53	80.2
Kidney and renal pelvis	23.1	0.3*	34	74.5
Brain and nervous system	59.3	0.4*	21	33.9
Thyroid	-36.4	-0.8*	80	98.2
Hodgkin lymphoma	-85.2	-3.3*	30	89.5
Non-Hodgkin lymphoma	61.6	0.6*	33	72.8
Myeloma	202.5	0.9*	6	47.1
Leukemia	-9.9	-0.3*	10	63.3
Childhood (Ages 0-14)	-74.1	-2.6*	20	85.1
All Sites	-20.1	-0.3*	35	69.8

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).

^a 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.

^b 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 2009-2015 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 2016.

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