

Table 1.3

63-Year Trends in U.S. Cancer Death Rates^a

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1981	2012	Annual Percent Change		Total Percent Change
				1950-1981	1981-2012	1950-2012
Ages 0-4	11.1	4.4	2.3	-3.2*	-2.5*	-79.5
Ages 5-14	6.7	4.1	2.2	-1.6*	-2.0*	-66.7
Ages 15-24	8.6	5.6	3.5	-1.2*	-1.5*	-58.7
Ages 25-34	20.4	13.3	8.8	-1.4*	-1.6*	-56.9
Ages 35-44	63.6	48.9	27.7	-0.8*	-1.9*	-56.5
Ages 45-54	174.2	172.9	105.5	0.1*	-1.7*	-39.5
Ages 55-64	391.3	430.7	291.0	0.4*	-1.5*	-25.6
Ages 65-74	710.0	823.9	647.0	0.5*	-0.9*	-8.9
Ages 75-84	1,167.2	1,229.5	1,151.5	0.2*	-0.3*	-1.3
Ages 85+	1,450.7	1,580.4	1,660.5	0.3*	0.1	14.5
All Ages	195.4	206.4	166.4	0.2*	-0.8*	-14.8

Lung and Bronchus Cancer^b

Age Group	1950	1981	2012	Annual Percent Change		Total Percent Change
				1950-1981	1981-2012	1950-2012
Ages 0-4	-	-	-	-	-	-
Ages 5-14	-	-	-	-	-	-
Ages 15-24	0.2	0.1	0.1	-2.8*	-0.1	-65.0
Ages 25-34	0.8	0.6	0.4	-0.5	-2.3*	-47.6
Ages 35-44	4.6	9.5	2.9	2.5*	-2.9*	-37.6
Ages 45-54	20.2	52.5	24.2	3.2*	-2.7*	19.5
Ages 55-64	48.9	138.8	81.0	3.3*	-2.1*	65.7
Ages 65-74	59.4	238.1	211.4	4.1*	-0.5*	255.7
Ages 75-84	55.4	242.9	338.8	4.9*	0.9*	511.8
Ages 85+	42.3	178.9	324.9	5.1*	1.8*	668.2
All Ages	14.9	50.2	45.0	3.8*	-0.5*	201.5

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Rates are per 100,000 and age-adjusted to the 2000 US Std Population (18 age groups - Census P25-1130).

^b Due to coding changes throughout the years, Lung and Bronchus includes trachea and pleura.

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

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Table 1.4

Summary of Changes in Cancer Mortality, 1950-2012 and
5-Year Relative Survival (Percent), 1950-2011
Males and Females, By Primary Cancer Site

Primary Site	Whites			
	U.S. Mortality Percent Change 1950-2012 ^a		5-Year Relative Survival (Percent) ^b	
	Total	APC	1950-1954	2005-2011
Oral cavity and pharynx	-51.1	-1.3*	46	68.1
Esophagus	26.9	0.7*	4	21.0
Stomach	-88.3	-3.4*	12	29.1
Colon and rectum	-56.3	-1.3*	37	66.9
Colon	-49.9	-1.0*	41	66.5
Rectum	-70.7	-2.3*	40	68.1
Liver and intrahepatic bile duct	58.2	0.8*	1	17.6
Pancreas	27.9	0.1*	1	7.8
Larynx	-41.4	-0.8*	52	64.6
Lung and bronchus	200.7	1.3*	6	18.8
Males	125.1	0.6*	5	16.2
Females	535.2	2.8*	9	21.4
Melanoma of the skin	170.8	1.3*	49	93.1
Breast(females)	-36.5	-0.7*	60	92.0
Cervix uteri	-81.9	-3.2*	59	71.0
Corpus and uterus, NOS	-66.2	-1.6*	72	85.3
Ovary	-13.3	-0.3*	30	45.6
Prostate	-37.7	-0.4*	43	99.7
Testis	-71.4	-2.8*	57	97.2
Urinary bladder	-28.8	-0.7*	53	79.4
Kidney and renal pelvis	30.9	0.4*	34	74.4
Brain and nervous system	55.0	0.5*	21	33.4
Thyroid	-43.6	-1.0*	80	98.5
Hodgkin lymphoma	-82.2	-3.3*	30	88.9
Non-Hodgkin lymphoma	79.2	0.9*	33	73.0
Myeloma	218.5	1.1*	6	48.1
Leukemia	-2.2	-0.3*	10	62.5
Childhood (Ages 0-14)	-72.6	-2.6*	20	84.5
All Sites	-15.2	-0.2*	35	69.7

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 2005-2011 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 2012.

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