

Table 1.2

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

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1978	2006	Annual Percent Change		Total Percent Change
				1950-1978	1978-2006	1950-2006
Ages 0-4	11.1	4.6	2.2	-3.0*	-2.7*	-80.1
Ages 5-14	6.7	4.1	2.3	-1.3*	-2.3*	-66.1
Ages 15-24	8.6	6.1	3.9	-1.0*	-1.6*	-54.9
Ages 25-34	20.4	14.2	9.3	-1.3*	-1.6*	-54.6
Ages 35-44	63.6	50.7	31.7	-0.6*	-1.6*	-50.2
Ages 45-54	174.2	179.6	115.9	0.1*	-1.7*	-33.5
Ages 55-64	391.3	428.9	325.0	0.4*	-1.1*	-17.0
Ages 65-74	710.0	803.4	734.7	0.4*	-0.3*	3.5
Ages 75-84	1,167.2	1,204.1	1,252.9	0.1*	0.1	7.3
Ages 85+	1,450.7	1,535.3	1,609.4	0.1	0.3*	10.9
All Ages	195.4	204.4	181.1	0.1*	-0.4*	-7.3

Lung and Bronchus Cancer^b

Age Group	1950	1978	2006	Annual Percent Change		Total Percent Change
				1950-1978	1978-2006	1950-2006
Ages 0-4	-	-	-	-	-	-
Ages 5-14	-	-	-	-	-	-
Ages 15-24	0.2	0.1	0.1	-2.7*	-0.6	-58.9
Ages 25-34	0.8	0.8	0.4	0.1	-2.1*	-50.8
Ages 35-44	4.6	10.0	4.6	3.2*	-2.3*	0.4
Ages 45-54	20.2	52.4	29.0	3.5*	-2.5*	43.5
Ages 55-64	48.9	132.8	100.7	3.4*	-1.1*	106.2
Ages 65-74	59.4	218.4	255.9	4.3*	0.5*	330.7
Ages 75-84	55.4	220.0	373.3	5.1*	1.7*	574.1
Ages 85+	42.3	157.5	301.7	5.2*	2.2*	613.3
All Ages	14.9	47.1	51.8	4.0*	0.2	246.9

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 1.3

Summary of Changes in Cancer Mortality, 1950-2006 and
5-Year Relative Survival Rates, 1950-2005
Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2006 ^a	Actual Cancer Deaths in 2006 ^b	U.S. Mortality Percent Change 1950-2006 ^b		5-Year Relative Survival Rates (Percent) ^c	
			Total	APC	1950-1954	1999-2005
Oral cavity and pharynx	30,990	7,720	-52.6	-1.3*	46	64.4
Esophagus	14,550	13,685	32.3	0.7*	4	19.8
Stomach	22,280	11,345	-86.6	-3.5*	12	25.3
Colon and rectum	148,610	53,546	-49.5	-1.1*	37	68.0
Colon	106,680	44,058	-40.2	-0.8*	41	67.4
Rectum	41,930	9,488	-70.3	-2.5*	40	69.4
Liver and intrahepatic bile duct	18,510	19,952	36.2	0.7*	1	13.0
Pancreas	33,370	33,454	24.7	0.1*	1	5.7
Larynx	9,510	3,821	-30.0	-0.6*	52	65.5
Lung and bronchus	174,470	158,902	244.1	1.8*	6	16.6
Males	92,700	89,456	169.2	1.1*	5	14.4
Females	81,770	69,446	595.7	3.6*	9	19.1
Melanoma of the skin	62,190	8,441	173.6	1.5*	49	92.9
Breast(females)	212,920	40,820	-29.8	-0.5*	60	91.3
Cervix uteri	9,710	3,976	-81.4	-3.4*	59	73.1
Corpus and uterus, NOS	41,200	7,384	-68.0	-1.8*	72	86.5
Ovary	20,180	15,220	-0.9	-0.2*	30	45.5
Prostate	234,460	28,372	-25.3	-0.1	43	99.9
Testis	8,250	358	-72.5	-3.0*	57	96.5
Urinary bladder	61,420	13,909	-30.3	-0.8*	53	82.6
Kidney and renal pelvis	38,890	12,740	35.1	0.6*	34	69.4
Brain and nervous system	18,820	12,886	46.5	0.6*	21	35.1
Thyroid	30,180	1,518	-42.0	-1.3*	80	97.5
Hodgkin lymphoma	7,800	1,327	-76.9	-3.3*	30	87.4
Non-Hodgkin lymphoma	58,870	20,306	103.4	1.3*	33	70.1
Myeloma	16,570	10,784	224.1	1.5*	6	37.5
Leukemia	35,070	21,944	2.5	-0.2*	10	54.8
Childhood (Ages 0-14)	9,500	1,360	-72.9	-2.7*	20	82.4
All Sites	1,399,790	559,880	-8.2	0.0	35	69.1

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 Facts and Figures, 2006. American Cancer Society, Atlanta, Georgia, 2006.

^b 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;

^c NHL and myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.

Rates 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.

Rates for 1999-2005 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 2006.

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