

Table 1.2

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

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1979	2007	Annual Percent Change		Total Percent Change
				1950-1979	1979-2007	1950-2007
Ages 0-4	11.1	4.3	2.1	-3.1*	-2.7*	-81.1
Ages 5-14	6.7	4.4	2.4	-1.4*	-2.3*	-64.1
Ages 15-24	8.6	6.1	3.9	-1.1*	-1.5*	-54.8
Ages 25-34	20.4	13.6	8.8	-1.4*	-1.6*	-57.1
Ages 35-44	63.6	49.8	30.7	-0.7*	-1.7*	-51.7
Ages 45-54	174.2	176.6	113.4	0.1*	-1.7*	-34.9
Ages 55-64	391.3	426.5	315.6	0.4*	-1.2*	-19.4
Ages 65-74	710.0	809.5	723.5	0.4*	-0.4*	1.9
Ages 75-84	1,167.2	1,213.8	1,241.8	0.1*	0.1	6.4
Ages 85+	1,450.7	1,540.0	1,589.3	0.1	0.1	9.6
All Ages	195.4	204.5	178.1	0.2*	-0.5*	-8.8

Lung and Bronchus Cancer^b

Age Group	1950	1979	2007	Annual Percent Change		Total Percent Change
				1950-1979	1979-2007	1950-2007
Ages 0-4	-	-	-	-	-	-
Ages 5-14	-	-	-	-	-	-
Ages 15-24	0.2	0.1	0.1	-2.6*	-0.6	-62.4
Ages 25-34	0.8	0.7	0.3	-0.1	-2.2*	-57.0
Ages 35-44	4.6	9.8	4.3	2.9*	-2.4*	-6.7
Ages 45-54	20.2	52.0	28.2	3.4*	-2.6*	39.3
Ages 55-64	48.9	134.2	95.6	3.4*	-1.3*	95.7
Ages 65-74	59.4	223.0	251.8	4.2*	0.3	323.7
Ages 75-84	55.4	228.5	370.3	5.0*	1.5*	568.7
Ages 85+	42.3	162.5	300.1	5.1*	2.1*	609.7
All Ages	14.9	47.9	50.8	4.0*	0.1	239.8

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, 1950-2007 and
5-Year Relative Survival (Percent), 1950-2006
Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2007 ^a	Actual Cancer Deaths in 2007 ^b	U.S. Mortality Percent Change 1950-2007 ^b		5-Year Relative Survival (Percent) ^c	
			Total	APC	1950-1954	1999-2006
Oral cavity and pharynx	34,360	8,067	-51.6	-1.3*	46	64.7
Esophagus	15,560	13,592	28.5	0.8*	4	20.0
Stomach	21,260	11,388	-86.8	-3.4*	12	25.6
Colon and rectum	153,760	53,584	-50.6	-1.2*	37	67.9
Colon	112,340	43,968	-41.7	-0.8*	41	67.2
Rectum	41,420	9,616	-70.5	-2.4*	40	69.5
Liver and intrahepatic bile duct	19,160	20,496	37.5	0.7*	1	13.7
Pancreas	37,170	34,117	24.1	0.1*	1	5.8
Larynx	11,300	3,634	-36.3	-0.6*	52	65.4
Lung and bronchus	213,380	158,965	237.3	1.7*	6	16.8
Males	114,760	88,531	160.0	1.0*	5	14.5
Females	98,620	70,434	593.7	3.5*	9	19.4
Melanoma of the skin	59,940	8,461	168.1	1.4*	49	92.9
Breast(females)	178,480	40,598	-31.8	-0.5*	60	91.2
Cervix uteri	11,150	4,021	-81.4	-3.3*	59	72.5
Corpus and uterus, NOS	39,080	7,456	-68.4	-1.8*	72	86.2
Ovary	22,430	15,004	-4.2	-0.2*	30	45.0
Prostate	218,890	29,093	-25.8	-0.1	43	99.9
Testis	7,920	326	-75.1	-3.0*	57	96.7
Urinary bladder	67,160	14,276	-29.9	-0.8*	53	82.0
Kidney and renal pelvis	51,190	13,043	34.2	0.6*	34	69.9
Brain and nervous system	20,500	13,234	48.2	0.6*	21	35.4
Thyroid	33,550	1,562	-43.6	-1.2*	80	97.6
Hodgkin lymphoma	8,190	1,271	-78.0	-3.3*	30	87.7
Non-Hodgkin lymphoma	63,190	20,232	98.7	1.2*	33	70.5
Myeloma	19,900	10,976	222.3	1.5*	6	38.8
Leukemia	44,240	21,824	-0.2	-0.2*	10	56.2
Childhood (Ages 0-14)	10,400	1,395	-71.6	-2.7*	20	82.9
All Sites	1,444,920	562,867	-9.7	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, 2007. American Cancer Society, Atlanta, Georgia, 2007.

^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;

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

^c 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 1999-2006 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 2007.

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