

Table 1.2

59-Year Trends in U.S. Cancer Death Rates<sup>a</sup>

## All Races, Males and Females

## All Primary Cancer Sites Combined

Age Group	1950	1979	2008	Annual Percent Change		Total Percent Change
				1950-1979	1979-2008	1950-2008
Ages 0-4	11.1	4.3	2.2	-3.1*	-2.7*	-80.2
Ages 5-14	6.7	4.4	2.2	-1.4*	-2.3*	-66.9
Ages 15-24	8.6	6.1	3.8	-1.1*	-1.5*	-55.1
Ages 25-34	20.4	13.6	8.8	-1.4*	-1.6*	-57.0
Ages 35-44	63.6	49.8	30.0	-0.7*	-1.7*	-52.9
Ages 45-54	174.2	176.6	112.7	0.1*	-1.7*	-35.3
Ages 55-64	391.3	426.5	309.0	0.4*	-1.2*	-21.0
Ages 65-74	710.0	809.5	711.0	0.4*	-0.5*	0.1
Ages 75-84	1,167.2	1,213.8	1,206.4	0.1*	0.0	3.4
Ages 85+	1,450.7	1,540.0	1,644.3	0.1	0.2*	13.3
All Ages	195.4	204.5	175.8	0.2*	-0.6*	-10.0

Lung and Bronchus Cancer<sup>b</sup>

Age Group	1950	1979	2008	Annual Percent Change		Total Percent Change
				1950-1979	1979-2008	1950-2008
Ages 0-4	-	-	-	-	-	-
Ages 5-14	-	-	-	-	-	-
Ages 15-24	0.2	0.1	0.1	-2.6*	-0.5	-57.0
Ages 25-34	0.8	0.7	0.4	-0.1	-2.2*	-54.2
Ages 35-44	4.6	9.8	3.8	2.9*	-2.5*	-17.2
Ages 45-54	20.2	52.0	28.0	3.4*	-2.6*	38.1
Ages 55-64	48.9	134.2	91.5	3.4*	-1.4*	87.2
Ages 65-74	59.4	223.0	243.5	4.2*	0.2	309.7
Ages 75-84	55.4	228.5	362.3	5.0*	1.4*	554.3
Ages 85+	42.3	162.5	318.0	5.1*	2.1*	651.9
All Ages	14.9	47.9	49.7	4.0*	0.0	232.5

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

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

<sup>b</sup> 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, 1950-2008 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).