

Table 1.2

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

All Races, Males and Females

## All Primary Cancer Sites Combined

Age Group	1950	1980	2009	Annual Percent Change		Total Percent Change
				1950-1980	1980-2009	1950-2009
Ages 0-4	11.1	4.2	2.0	-3.2*	-2.7*	-82.1
Ages 5-14	6.7	4.3	2.2	-1.5*	-2.2*	-66.8
Ages 15-24	8.6	6.3	3.8	-1.1*	-1.5*	-56.1
Ages 25-34	20.4	13.9	9.0	-1.4*	-1.7*	-55.9
Ages 35-44	63.6	49.9	30.1	-0.7*	-1.8*	-52.7
Ages 45-54	174.2	175.5	111.9	0.1*	-1.7*	-35.7
Ages 55-64	391.3	431.5	305.7	0.4*	-1.4*	-21.9
Ages 65-74	710.0	823.7	693.3	0.5*	-0.6*	-2.4
Ages 75-84	1,167.2	1,227.9	1,189.1	0.2*	-0.1	1.9
Ages 85+	1,450.7	1,572.9	1,619.8	0.2	0.1	11.7
All Ages	195.4	206.9	173.1	0.2*	-0.7*	-11.4

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

Age Group	1950	1980	2009	Annual Percent Change		Total Percent Change
				1950-1980	1980-2009	1950-2009
Ages 0-4	-	-	-	-	-	-
Ages 5-14	-	-	-	-	-	-
Ages 15-24	0.2	0.1	0.1	-2.8*	-0.3	-63.0
Ages 25-34	0.8	0.7	0.4	-0.3	-2.3*	-54.7
Ages 35-44	4.6	9.6	3.6	2.7*	-2.5*	-20.4
Ages 45-54	20.2	52.7	27.6	3.3*	-2.6*	36.2
Ages 55-64	48.9	137.1	88.6	3.3*	-1.7*	81.3
Ages 65-74	59.4	234.5	237.4	4.2*	0.0	299.5
Ages 75-84	55.4	239.4	355.5	4.9*	1.2*	541.9
Ages 85+	42.3	174.7	313.3	5.1*	2.0*	640.8
All Ages	14.9	49.7	48.6	3.9*	-0.2	225.1

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, 1950-2009 and  
5-Year Relative Survival (Percent), 1950-2008  
Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2009 <sup>a</sup>	Actual Cancer Deaths in 2009 <sup>b</sup>	U.S. Mortality Percent Change 1950-2009 <sup>b</sup>		5-Year Relative Survival (Percent) <sup>c</sup>	
			Total	APC	1950-1954	2002-2008
Oral cavity and pharynx	35,720	7,922	-53.7	-1.3*	46	66.5
Esophagus	16,470	13,908	27.5	0.8*	4	20.5
Stomach	21,130	11,184	-87.5	-3.4*	12	26.6
Colon and rectum	146,970	52,393	-53.4	-1.2*	37	67.0
Colon	106,100	42,198	-46.1	-0.9*	41	66.2
Rectum	40,870	10,195	-69.8	-2.4*	40	68.8
Liver and intrahepatic bile duct	22,620	22,784	45.1	0.7*	1	15.6
Pancreas	42,470	35,628	25.1	0.1*	1	6.2
Larynx	12,290	3,630	-37.9	-0.7*	52	64.9
Lung and bronchus	219,440	158,350	223.9	1.5*	6	17.3
Males	116,090	87,884	147.6	0.8*	5	15.2
Females	103,350	70,466	571.7	3.2*	9	19.7
Melanoma of the skin	68,720	9,199	184.1	1.4*	49	93.2
Breast(females)	192,370	40,676	-33.6	-0.6*	60	91.7
Cervix uteri	11,270	3,909	-82.5	-3.3*	59	70.2
Corpus and uterus, NOS	42,160	7,713	-68.5	-1.7*	72	85.4
Ovary	21,550	14,841	-9.3	-0.3*	30	42.8
Prostate	192,280	28,088	-30.6	-0.3*	43	99.9
Testis	8,400	376	-71.0	-2.9*	57	97.0
Urinary bladder	70,980	14,575	-30.5	-0.8*	53	80.7
Kidney and renal pelvis	57,760	13,366	32.4	0.5*	34	72.3
Brain and nervous system	22,070	14,176	53.2	0.5*	21	33.6
Thyroid	37,200	1,707	-39.9	-1.1*	80	97.8
Hodgkin lymphoma	8,510	1,250	-79.0	-3.3*	30	88.3
Non-Hodgkin lymphoma	65,980	20,002	89.6	1.1*	33	71.8
Myeloma	20,580	10,773	207.0	1.3*	6	42.9
Leukemia	44,790	22,605	0.4	-0.3*	10	58.8
Childhood (Ages 0-14)	10,730	1,320	-74.2	-2.7*	20	84.5
All Sites	1,479,350	567,614	-12.1	-0.1*	35	68.9

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, 2009. American Cancer Society, Atlanta, Georgia, 2009.

<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 2002-2008 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 2009.

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