

Table I-2

56-YEAR TRENDS IN U.S. CANCER DEATH RATES<sup>a</sup>

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1978	2005	Annual Percent Change		Total Percent Change
				1950-1978	1978-2005	1950-2005
0-4	11.1	4.6	2.2	-3.0	-2.7	-80.0
5-14	6.7	4.1	2.5	-1.3	-2.3	-62.8
15-24	8.6	6.1	4.1	-1.0	-1.6	-52.7
25-34	20.4	14.2	9.1	-1.3	-1.6	-55.6
35-44	63.6	50.7	32.8	-0.6	-1.6	-48.5
45-54	174.2	179.6	118.3	0.1	-1.7	-32.1
55-64	391.3	428.9	329.7	0.4	-1.0	-15.8
65-74	710.0	803.4	748.8	0.4	-0.2	5.5
75-84	1,167.2	1,204.1	1,265.1	0.1	0.2	8.4
85+	1,450.7	1,535.3	1,643.7	0.1	0.4	13.3
All Ages	195.4	204.4	184.0	0.1	-0.4	-5.8

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

Age Group	1950	1978	2005	Annual Percent Change		Total Percent Change
				1950-1978	1978-2005	1950-2005
0-4	-	-	-	-	-	-
5-14	-	-	-	-	-	-
15-24	0.2	0.1	0.0	-2.7	-0.8	-75.9
25-34	0.8	0.8	0.3	0.1	-2.1	-58.4
35-44	4.6	10.0	5.2	3.2	-2.2	13.4
45-54	20.2	52.4	29.6	3.5	-2.5	46.4
55-64	48.9	132.8	104.6	3.4	-1.0	114.1
65-74	59.4	218.4	262.0	4.3	0.6	340.9
75-84	55.4	220.0	375.8	5.1	1.8	578.6
85+	42.3	157.5	304.1	5.2	2.4	619.1
All Ages	14.9	47.1	52.9	4.0	0.3	253.9

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

- 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.

<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.

Table I-3

## SUMMARY OF CHANGES IN CANCER MORTALITY, 1950-2005 AND

## 5-YEAR RELATIVE SURVIVAL RATES, 1950-2004

Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites			
	Estimated Cancer Cases in 2005 <sup>a</sup>	Actual Cancer Deaths in 2005 <sup>b</sup>	U.S. Mortality Percent Change 1950-2005 <sup>b</sup>		5-Year Relative Survival Rates (Percent) <sup>c</sup>	
			Total	APC	1950-1954	1996-2004
Oral cavity and Pharynx	29,370	7,773	-52.1	-1.3	46	62.4
Esophagus	14,520	13,499	32.5	0.7	4	18.1
Stomach	21,860	11,514	-86.2	-3.5	12	23.1
Colon and Rectum	145,290	53,250	-48.9	-1.1	37	66.3
Colon	104,950	43,987	-39.4	-0.7	41	66.0
Rectum	40,340	9,263	-70.5	-2.5	40	67.2
Liver and Intrahep	17,550	19,528	35.6	0.7	1	10.8
Pancreas	32,180	32,759	24.0	0.1	1	4.9
Larynx	9,880	3,796	-30.0	-0.6	52	65.8
Lung and Bronchus	172,570	159,530	250.6	1.9	6	15.9
Males	93,010	90,366	176.9	1.2	5	13.7
Females	79,560	69,164	600.9	3.7	9	18.4
Melanoma of the skin	59,580	8,345	174.6	1.5	49	92.1
Breast(females)	211,240	41,116	-28.4	-0.4	60	90.5
Cervix uteri	10,370	3,924	-81.4	-3.4	59	73.7
Corpus and Uterus, NOS	40,880	7,096	-68.8	-1.9	72	86.2
Ovary	22,220	15,032	-1.0	-0.2	30	45.3
Prostate	232,090	28,905	-22.1	0.0	43	99.4
Testis	8,010	359	-73.4	-3.0	57	96.4
Urinary bladder	63,210	13,540	-30.9	-0.9	53	81.6
Kidney and Renal pelvis	36,160	12,864	38.8	0.6	34	66.6
Brain and Other nervous	18,500	13,152	51.8	0.6	21	33.7
Thyroid	25,690	1,462	-44.1	-1.3	80	97.1
Hodgkin lymphoma	7,350	1,272	-78.1	-3.3	30	87.2
Non-Hodgkin lymphoma	56,390	20,639	110.6	1.4	33	65.9
Myeloma	15,980	10,851	232.9	1.6	6	34.7
Leukemia	34,810	21,623	2.7	-0.2	10	52.2
Childhood(0-14 yrs)	9,510	1,452	-71.1	-2.7	20	81.3
All Sites	1,372,910	559,303	-6.9	0.0	35	67.5

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, 2005. American Cancer Society, Atlanta, Georgia, 2005.

<sup>b</sup> US 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 & Intrahep 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> Rates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, Oral cavity & Pharynx, Colon & Rectum, Non-Hodgkin lymphomas and Childhood cancers which come from historical Connecticut data. Rates for 1996-2004 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 2005.