

Table I-3

## SUMMARY OF CHANGES IN CANCER INCIDENCE AND MORTALITY, 1950-99 AND

## 5-YEAR RELATIVE SURVIVAL RATES, 1950-98

## Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites				5-Year Relative Survival Rates (Percent)?	
	Estimated Cancer Cases in 1999 <sup>3/4</sup>	Actual Cancer Deaths in 1999 <sup>d</sup>	Percent Change 1950-99 <sup>e</sup>					
			Incidence <sup>§</sup>		U.S. Mortality <sup>f</sup>			
			Total	EAPC	Total	EAPC	1950-54	1992-98
Oral cavity and Pharynx	29,800	7,486	-44.6	-0.7	-46.9	-1.0	46	58.8
Esophagus	12,500	11,917	0.7	0.3	26.8	0.6	4	14.7
Stomach	21,900	12,711	-77.8	-2.5	-83.0	-3.6	12	20.9
Colon and Rectum	129,400	57,155	-2.1	-0.2	-39.7	-1.0	37	62.6
Colon	94,700	48,433	11.2	0.1	-26.6	-0.5	41	62.7
Rectum	34,700	8,722	-23.9	-0.7	-68.8	-2.7	40	62.4
Liver and Intrahep	14,500	15,972	206.7	1.9	21.5	0.5	1	6.5
Pancreas	28,600	29,081	3.7	0.0	19.3	0.1	1	4.3
Larynx	10,600	3,815	28.6	0.1	-21.0	-0.4	52	65.9
Lung and Bronchus	171,600	152,480	227.9	2.1	248.2	2.3	6	15.0
Males	94,000	89,707	149.0	1.1	180.5	1.6	5	13.3
Females	77,600	62,773	571.5	4.2	600.6	4.6	9	17.0
Melanoma of skin	44,200	7,215	506.7	4.1	161.8	1.9	49	89.3
Breast(females)	175,000	41,144	62.9	1.3	-19.8	-0.2	60	87.6
Cervix uteri	12,800	4,204	-80.4	-2.7	-78.4	-3.5	59	72.1
Corpus and Uterus, NOS	37,400	6,468	1.8	-0.5	-68.9	-2.2	72	86.0
Ovary	25,200	14,035	-1.2	0.2	-2.2	-0.3	30	52.5
Prostate	179,300	31,728	206.1	3.2	-8.2	0.3	43	97.8
Testis	7,400	378	144.6	1.9	-68.8	-3.0	57	95.7
Urinary bladder	54,200	12,205	54.7	0.9	-34.8	-1.1	53	82.3
Kidney and Renal pelvis	30,000	11,461	128.3	1.9	29.0	0.6	34	62.4
Brain and Other nervous	16,800	12,765	112.9	1.1	49.3	0.6	21	31.5
Thyroid	18,100	1,241	169.2	1.9	-49.1	-1.7	80	96.0
Hodgkin lymphoma	7,200	1,403	2.1	0.1	-73.6	-3.3	30	84.7
Non-Hodgkin lymphoma	56,800	22,612	189.8	2.8	128.1	1.6	33	56.1
Multiple myeloma	13,700	10,565	183.2	1.6	211.4	1.8	6	29.5
Leukemia	30,200	21,014	2.0	0.2	-3.9	-0.4	10	47.3
Childhood(0-14 yrs)	8,400	1,498	44.3	0.8	-69.0	-2.7	20	78.6
All Sites	1,221,800	549,829	58.7	1.0	0.2	0.1	35	63.8

The EAPC is the Estimated Annual Percent Change over the time interval. Rates used in the calculation of the EAPC are age-adjusted to the 1970 U.S. standard population.

- <sup>3/4</sup> Facts and Figures, 1998. American Cancer Society, Atlanta, Georgia, 1998.
- <sup>d</sup> NCHS public use data file.
- All Sites, Liver & Intrahep, Brain & Other nervous and Childhood cancers are for all races as opposed to whites.
- <sup>§</sup> Data prior to 1973 are from Devesa, Silverman, Young, et al. Cancer Incidence and Mortality Trends Among Whites in the United States, 1947-84. JNCI 1987; 79:701-770 with the exception of All Sites, Liver & Intrahep, Brain & Other nervous and Childhood cancers which come from historical Connecticut data. Data for 1973-98 are from the same areas used in Devesa or the Connecticut registry of the SEER Program.
- <sup>f</sup> NCHS public use tape. 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 Multiple myeloma each include a small number of leukemias; NHL includes a small number of ill-defined sites.
- <sup>?</sup> Rates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, Oral cavity & Pharynx, Colon & Rectum, Non-Hodgkin's lymphomas and Childhood cancers which come from historical Connecticut data. Rates for 1992-98 are from the SEER Program with the exception of the sites just listed which come from the Connecticut registry of the SEER Program.

Table I-2

50-YEAR TRENDS IN U.S. CANCER DEATH RATES<sup>δ</sup>

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1975	1999	Estimated Annual		Total
				Percent Change		Percent Change
				1950-75	1975-99	1950-99
0-4	11.1	5.2	2.6	-2.8	-2.9	-76.9
5-14	6.7	4.8	2.6	-1.0	-2.8	-61.5
15-24	8.6	6.6	4.6	-0.7	-1.7	-46.7
25-34	20.4	15.1	10.6	-1.2	-1.1	-48.3
35-44	63.6	53.3	37.5	-0.4	-1.4	-41.1
45-54	174.2	178.0	130.8	0.2	-1.3	-24.9
55-64	391.3	420.2	379.9	0.3	-0.4	-2.9
65-74	710.0	778.7	836.2	0.4	0.4	17.8
75-84	1167.2	1160.9	1341.4	0.0	0.6	14.9
85+	1450.7	1437.9	1800.0	-0.2	0.8	24.1
All Ages	195.4	199.1	202.8	0.1	0.1	3.8

Lung and Bronchus Cancer<sup>⊕</sup>

Age Group	1950	1975	1999	Estimated Annual		Total
				Percent Change		Percent Change
				1950-75	1975-99	1950-99
0-4	-	-	-	-	-	-
5-14	-	-	-	-	-	-
15-24	0.2	0.1	-	-2.5	-0.9	-65.6
25-34	0.8	0.9	0.5	0.4	-1.4	-41.7
35-44	4.6	10.6	6.1	3.7	-2.5	33.8
45-54	20.2	48.8	32.1	3.6	-1.8	58.7
55-64	48.9	122.6	125.3	3.6	0.2	156.5
65-74	59.4	196.2	285.2	4.5	1.6	379.9
75-84	55.4	192.3	365.6	5.3	2.6	560.1
85+	42.3	135.5	296.9	5.1	3.2	602.0
All Ages	14.9	42.8	56.2	4.2	1.1	275.9

Source: NCHS public use data file.

- Statistic not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.  
<sup>δ</sup>      Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.  
<sup>⊕</sup>      Due to coding changes throughout the years, Lung and Bronchus includes trachea and pleura.