

Table I-2

51-YEAR TRENDS IN U.S. CANCER DEATH RATES^a

All Races, Males and Females

All Primary Cancer Sites Combined

Age Group	1950	1975	2000	Annual Percent Change		Total Percent Change
				1950-1975	1975-2000	1950-2000
0-4	11.1	5.2	2.7	-2.8	-2.9	-76.0
5-14	6.7	4.8	2.5	-1.0	-2.8	-62.9
15-24	8.6	6.6	4.4	-0.7	-1.7	-49.1
25-34	20.4	15.1	9.9	-1.2	-1.4	-51.7
35-44	63.6	53.3	36.7	-0.4	-1.4	-42.3
45-54	174.2	178.0	127.4	0.2	-1.4	-26.9
55-64	391.3	420.2	366.6	0.3	-0.5	-6.3
65-74	710.0	778.7	816.2	0.4	0.2	15.0
75-84	1,167.2	1,160.9	1,335.0	0.0	0.5	14.4
85+	1,450.7	1,437.9	1,819.4	-0.2	0.8	25.4
All Ages	195.4	199.1	199.6	0.1	0.0	2.2

Lung and Bronchus Cancer^b

Age Group	1950	1975	2000	Annual Percent Change		Total Percent Change
				1950-1975	1975-2000	1950-2000
0-4	-	-	-	-	-	-
5-14	-	-	-	-	-	-
15-24	0.2	0.1	-	-2.5	-0.9	-63.9
25-34	0.8	0.9	0.5	0.4	-1.6	-38.4
35-44	4.6	10.6	6.2	3.7	-2.5	34.4
45-54	20.2	48.8	31.6	3.6	-2.0	56.2
55-64	48.9	122.6	122.6	3.6	0.0	150.9
65-74	59.4	196.2	284.6	4.5	1.5	378.8
75-84	55.4	192.3	371.6	5.3	2.5	571.0
85+	42.3	135.5	302.7	5.1	3.1	615.8
All Ages	14.9	42.8	56.2	4.2	1.0	276.0

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.

^a Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

^b Due to coding changes throughout the years, Lung and Bronchus includes trachea and pleura.

Table I-3

SUMMARY OF CHANGES IN CANCER INCIDENCE AND MORTALITY, 1950-2000 AND

5-YEAR RELATIVE SURVIVAL RATES, 1950-1999

Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites					
	Estimated Cancer Cases in 2000 ^a	Actual Cancer Deaths in 2000 ^b	Percent Change 1950-2000 ^c				5-Year Relative Survival Rates (Percent) ^e	
			Incidence ^d		U.S. Mortality ^b			
			Total	APC	Total	APC	1950-54	1992-99
Oral cavity and Pharynx	30,200	7,492	-31.2	-0.5	-49.7	-1.2	46	59.7
Esophagus	12,300	12,232	16.0	0.7	26.9	0.6	4	15.4
Stomach	21,500	12,645	-74.3	-2.2	-83.3	-3.5	12	21.4
Colon and Rectum	130,200	57,477	20.4	0.2	-38.8	-1.0	37	63.0
Colon	93,800	48,570	40.7	0.4	-25.6	-0.5	41	63.0
Rectum	36,400	8,907	-12.8	-0.4	-68.6	-2.7	40	63.0
Liver and Intrahep	15,300	16,582	294.9	2.5	27.3	0.6	1	6.8
Pancreas	28,300	29,331	36.5	0.3	21.3	0.1	1	4.4
Larynx	10,100	3,861	43.0	0.2	-23.3	-0.5	52	66.6
Lung and Bronchus	164,100	155,788	294.3	2.3	270.0	2.3	6	15.1
Males	89,500	90,676	206.7	1.4	203.9	1.7	5	13.4
Females	74,600	65,112	697.4	4.4	611.5	4.4	9	17.2
Melanoma of the skin	47,700	7,420	619.1	4.3	165.1	1.8	49	89.8
Breast(females)	182,800	41,872	90.6	1.5	-19.5	-0.2	60	87.9
Cervix uteri	12,800	4,200	-77.6	-2.4	-79.1	-3.5	59	72.9
Corpus and Uterus, NOS	36,100	6,585	18.5	-0.2	-68.6	-2.1	72	86.3
Ovary	23,100	14,453	15.7	0.4	3.6	-0.2	30	52.4
Prostate	180,400	31,078	282.9	3.3	-4.0	0.3	43	98.4
Testis	6,900	338	167.6	2.1	-72.6	-3.0	57	95.8
Urinary bladder	53,200	12,306	96.9	1.2	-31.0	-0.9	53	82.6
Kidney and Renal pelvis	31,200	12,038	196.1	2.2	42.4	0.7	34	62.9
Brain and Other nervous	16,500	12,655	159.7	1.3	58.0	0.8	21	32.1
Thyroid	18,400	1,328	240.8	2.1	-44.8	-1.6	80	96.1
Hodgkin lymphoma	7,400	1,287	21.0	0.2	-75.2	-3.3	30	85.0
Non-Hodgkin lymphoma	54,900	22,553	252.0	3.0	152.5	1.8	33	57.2
Myeloma	13,600	10,697	291.6	1.9	254.4	1.9	6	30.9
Leukemia	30,800	21,339	31.5	0.4	9.6	-0.2	10	47.6
Childhood(0-14 yrs)	8,600	1,526	62.4	0.8	-69.0	-2.8	20	78.7
All Sites	1,220,100	553,080	88.7	1.5	0.4	0.1	35	64.4

The APC is the Annual Percent Change over the time interval. Rates used in the calculation of the APC are age-adjusted to the 1970 U.S. standard population. Facts and Figures, 1999. American Cancer Society, Atlanta, Georgia, 1999.

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

^c All Sites, Liver & Intrahep, Brain & Other nervous and Childhood cancers are for all races as opposed to whites.

^d 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 1973-2000 are from the same areas used in Devesa or the Connecticut registry of the SEER Program.

^e 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 1992-99 are from the SEER Program with the exception of the sites just listed which come from the Connecticut registry of the SEER Program.