

Table I-1

ESTIMATED NEW CANCER CASES AND DEATHS FOR 2001

All Races, By Sex

Primary Site	Estimated New Cases			Estimated Deaths		
	Total	Males	Females	Total	Males	Females
All Sites	1,268,100	643,000	625,000	553,400	286,100	267,300
Oral Cavity and Pharynx	30,100	20,200	9,900	7,800	5,100	2,700
Tongue	7,100	4,800	2,300	1,700	1,100	600
Mouth	10,500	6,000	4,500	2,300	1,300	1,000
Pharynx	8,400	6,300	2,100	2,100	1,500	600
Other Oral Cavity	4,100	3,100	1,000	1,700	1,200	500
Digestive System	235,700	124,000	111,700	131,300	70,100	61,200
Esophagus	13,200	9,900	3,300	12,500	9,500	3,000
Stomach	21,700	13,400	8,300	12,800	7,400	5,400
Small Intestine	5,300	2,600	2,700	1,100	600	500
Colon	98,200	46,200	52,000	48,100	23,000	25,100
Rectum	37,200	21,100	16,100	8,600	4,700	3,900
Anus, Anal Canal, and Anorectum	3,500	1,500	2,000	500	200	300
Liver and Intrahepatic Bile Duct	16,200	10,700	5,500	14,100	8,900	5,200
Gallbladder and Other Biliary	6,900	3,200	3,700	3,300	1,200	2,100
Pancreas	29,200	14,200	15,000	28,900	14,100	14,800
Other Digestive	4,300	1,200	3,100	1,400	500	900
Respiratory System	184,600	102,400	82,200	162,500	93,900	68,600
Larynx	10,000	8,000	2,000	4,000	3,100	900
Lung and Bronchus	169,500	90,700	78,800	157,400	90,100	67,300
Other Respiratory	5,100	3,700	1,400	1,100	700	400
Bones and Joints	2,900	1,600	1,300	1,400	800	600
Soft Tissues	8,700	4,600	4,100	4,400	2,100	2,300
Skin (excl. basal & squamous)	56,400	31,700	24,700	9,800	6,300	3,500
Melanomas of Skin	51,400	29,000	22,400	7,800	5,000	2,800
Other non-epithelial skin	5,000	2,700	2,300	2,000	1,300	700
Breast	193,700	1,500	192,200	40,600	400	40,200
Genital Organs	286,800	206,500	80,300	58,500	32,200	26,300
Cervix (uterus)	12,900		12,900	4,400		4,400
Endometrium (uterus)	38,300		38,300	6,600		6,600
Ovary	23,400		23,400	13,900		13,900
Vulva	3,600		3,600	800		800
Vagina and other genital organs, female	2,100		2,100	600		600
Prostate	198,100	198,100		31,500	31,500	
Testis	7,200	7,200		400	400	
Penis and other genital organs, male	1,200	1,200		300	300	
Urinary System	87,500	59,400	28,100	25,000	16,100	8,900
Urinary Bladder	54,300	39,200	15,100	12,400	8,300	4,100
Kidney and Renal Pelvis	30,800	18,700	12,100	12,100	7,500	4,600
Ureter and other urinary organs	2,400	1,500	900	500	300	200
Eye and Orbit	2,100	1,100	1,000	200	100	100
Brain and Other Nervous System	17,200	9,800	7,400	13,100	7,200	5,900
Endocrine System	21,400	5,600	15,800	2,300	1,000	1,300
Thyroid	19,500	4,600	14,900	1,300	500	800
Other Endocrine	1,900	1,000	900	1,000	500	500
Lymphoma	63,600	35,000	28,600	27,600	14,500	13,100
Hodgkin's Disease	7,400	3,900	3,500	1,300	700	600
Non-Hodgkin's Lymphoma	56,200	31,100	25,100	26,300	13,800	12,500
Multiple Myeloma	14,400	7,500	6,900	11,200	5,800	5,400
Leukemia	31,500	17,700	13,800	21,500	12,000	9,500
Lymphocytic Leukemias	11,600	6,700	4,900	6,000	3,500	2,500
Myeloid Leukemias	14,700	8,000	6,700	9,500	5,200	4,300
Other leukemia	5,200	3,000	2,200	6,000	3,300	2,700
All Other Sites	31,400	14,400	17,000	36,200	18,500	17,700

Source: Cancer Facts & Figures - 2001, American Cancer Society (ACS), Atlanta, Georgia, 2001.  
 Excludes basal and squamous cell skin and in situ carcinomas except urinary bladder.  
 Incidence projections are based on rates from the NCI SEER Program 1979-1997.

Table I-2

49-YEAR TRENDS IN U.S. CANCER MORTALITY RATES<sup>δ</sup>

All Races, Males and Females

All Primary Cancer Sites Excluding Lung and Bronchus<sup>⊕</sup>

Age Group	1950	1975	1998	Estimated Annual		Total
				Percent Change		Percent Change
				1950-75	1975-98	1950-98
0-4	11.0	5.1	2.3	-2.8	-3.0	-77.5
5-14	6.6	4.7	2.6	-1.0	-2.8	-59.3
15-24	8.4	6.5	4.5	-0.6	-1.8	-47.9
25-34	19.0	13.9	10.4	-1.3	-1.0	-44.3
35-44	59.6	43.1	32.6	-1.1	-1.1	-44.3
45-54	154.8	130.1	100.2	-0.6	-1.1	-34.6
55-64	344.8	299.7	253.4	-0.5	-0.6	-25.1
65-74	640.7	574.6	536.3	-0.5	-0.2	-15.2
75-84	1105.3	963.2	951.4	-0.5	0.0	-13.0
85+	1408.4	1302.4	1460.2	-0.5	0.5	4.4
All Ages	145.0	125.3	113.4	-0.6	-0.3	-20.8

## All Primary Cancer Sites Combined

Age Group	1950	1975	1998	Estimated Annual		Total
				Percent Change		Percent Change
				1950-75	1975-98	1950-98
0-4	11.1	5.2	2.3	-2.8	-3.0	-77.5
5-14	6.6	4.7	2.6	-1.0	-2.8	-59.6
15-24	8.5	6.6	4.5	-0.7	-1.8	-48.2
25-34	19.8	14.6	10.9	-1.2	-1.1	-43.6
35-44	64.2	53.9	38.9	-0.4	-1.3	-38.4
45-54	175.2	179.2	134.2	0.2	-1.2	-22.6
55-64	394.0	423.2	385.9	0.3	-0.3	-0.7
65-74	700.0	769.8	830.2	0.4	0.4	19.4
75-84	1160.9	1156.0	1320.3	0.0	0.6	14.7
85+	1450.7	1437.9	1751.4	-0.2	0.9	21.5
All Ages	158.1	162.3	161.5	0.1	0.0	3.1

Source: NCHS public use tape.

<sup>δ</sup> Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.<sup>⊕</sup> 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, 1950-98 AND

## 5-YEAR RELATIVE SURVIVAL RATES, 1950-97

Males and Females, By Primary Cancer Site

Primary Site	All Races		Whites				5-Year Relative Survival Rates (Percent) <sup>λ</sup>	
	Estimated Cancer Cases in 1998 <sup>⊕</sup>	Actual Cancer Deaths in 1998 <sup>δ</sup>	Percent Change 1950-98 <sup>⊛</sup>					
			Incidence <sup>§</sup>		U.S. Mortality <sup>φ</sup>			
			Total	EAPC	Total	EAPC	1950-54	1989-97
Oral cavity and Pharynx	30,100	7,965	-40.0	-0.7	-39.0	-1.0	46	58.4
Esophagus	13,200	11,764	-2.7	0.3	24.6	0.4	4	15.1
Stomach	21,700	12,957	-78.9	-2.6	-81.6	-3.5	12	20.7
Colon and Rectum	135,400	56,973	0.6	-0.1	-38.2	-0.9	37	62.0
Colon	98,200	48,814	15.1	0.1	-24.9	-0.4	41	62.1
Rectum	37,200	8,159	-23.3	-0.7	-68.3	-2.8	40	61.5
Liver and Intrahep	16,200	12,381	180.1	1.9	34.9	0.5	1	6.1
Pancreas	29,200	28,335	13.7	0.0	16.1	0.1	1	4.2
Larynx	10,000	3,866	20.0	0.1	-18.5	-0.3	52	66.1
Lung and Bronchus	169,500	154,472	248.2	2.2	252.5	2.8	6	14.8
Males	90,700	91,397	169.1	1.3	185.5	2.3	5	13.3
Females	78,800	63,075	598.0	4.3	617.2	5.2	9	16.8
Melanomas of skin	51,400	7,431	477.3	4.1	160.4	2.1	49	89.0
Breast(females)	192,200	41,736	63.1	1.3	-14.7	-0.1	60	86.8
Cervix uteri	12,900	4,340	-78.6	-2.8	-76.7	-3.5	59	71.5
Corpus and Uterus, NOS	38,300	6,421	3.7	-0.5	-68.2	-2.2	72	85.8
Ovary	23,400	13,390	0.7	0.2	-4.8	-0.3	30	51.5
Prostate	198,100	32,203	194.2	3.2	-1.4	0.3	43	97.0
Testis	7,200	370	124.6	1.9	-72.5	-3.2	57	95.4
Urinary bladder	54,300	11,757	53.8	0.9	-35.0	-1.1	53	81.9
Kidney and Renal pelvis	30,800	11,484	130.6	1.9	36.4	0.6	34	62.1
Brain and Other nervous	17,200	12,666	69.4	1.1	43.9	0.7	21	31.0
Thyroid	19,500	1,182	155.3	1.8	-48.8	-1.8	80	95.4
Hodgkin's disease	7,400	1,311	13.9	0.2	-75.1	-3.5	30	84.0
Non-Hodgkin's lymphomas	56,200	23,434	185.1	2.8	138.1	1.6	33	54.2
Multiple myeloma	14,400	10,311	222.8	1.7	199.0	2.1	6	28.0
Leukemias	31,500	20,469	11.0	0.2	-6.1	-0.4	10	46.0
Childhood(0-14 yrs)	8,800	1,456	35.1	0.8	-68.4	-2.8	20	78.5
All sites excluding Lung and Bronchus	1,098,500	387,047	46.3	0.8	-20.8	-0.4	38	70.4
All Sites	1,268,000	541,519	59.3	1.0	3.1	0.2	35	63.1

- ⊕ The EAPC is the Estimated Annual Percent Change over the time interval. Parker SL, Tong T, Bolden S, Wingo PA. Cancer Statistics 1996. CA Cancer J Clin 1996; 65:5-27. Excludes basal and squamous cell skin and in situ carcinomas except urinary bladder. Incidence projections are based on rates from the NCI SEER Program 1991-93.
- δ NCHS public use tape.
- ⊛ All Sites, All sites excluding Lung & Bronchus, Liver & Intrahep, Brain & Other nervous and Childhood cancers are for all races as opposed to whites.
- § 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, All sites excluding Lung & Bronchus, 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.
- φ 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.
- λ Rates for 1950-54 are from NCI Survival Report 5 with the exception of All Sites, All sites excluding Lung & Bronchus, Oral cavity & Pharynx, Colon & Rectum, Non-Hodgkin's lymphomas and Childhood cancers which come from historical Connecticut data. Rates for 1989-96 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-4

## TRENDS IN SEER INCIDENCES AND U.S. MORTALITY FOR SELECTED CANCER SITES, 1973-98

All Races, Males and Females<sup>⊕</sup>

Mortality EAPC    Incidence EAPC

		Decreasing Incidence		Increasing Incidence		
		Mrt	Inc	Mrt	Inc	
Decreasing Mortality	Oral cavity & Pharynx	-1.6	-0.7	Breast <sup>⊕</sup>	-0.4	1.5
	Stomach	-2.3	-1.6	Ovary <sup>⊕</sup>	-0.5	0.4
	Colon & Rectum	-1.3	-0.5	Testis <sup>⊕</sup>	-5.2	1.7
	Pancreas	-0.2	-0.4	Urinary Bladder	-1.2	0.4
	Larynx	-0.6	-1.0	Thyroid	-1.1	1.7
	Cervix uteri <sup>⊕</sup>	-2.6	-2.1			
	Corpus & Uterus, NOS <sup>⊕</sup>	-1.4	-1.5			
	Hodgkin's disease	-4.3	-0.3			
	Leukemias	-0.3	-0.1			
Increasing Mortality				All sites	0.1	1.0
				Esophagus	0.7	0.5
				Liver & Intrahep	2.4	3.4
				Lung & Bronchus	1.3	0.9
				Melanomas of skin	1.1	3.4
				Prostate <sup>⊕</sup>	0.5	4.1
				Kidney & Renal pelvis	0.8	1.9
				Brain & Other nervous	0.4	0.6
				Non-Hodgkin's lymphomas	1.9	2.7
				Multiple myeloma	1.2	0.8

Note: The EAPC is the Estimated Annual Percent Change over the time interval.

<sup>⊕</sup> EAPCs for sex specific sites are only for the proper sex. EAPCs for breast cancer are for females only.

<sup>§</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Table I-5

## TRENDS IN SEER INCIDENCES AND U.S. MORTALITY FOR SELECTED CANCER SITES, 1973-98

All Races, Males and Females<sup>⊕</sup>

Mortality PC    Incidence PC

		Decreasing Incidence		Increasing Incidence	
		Mrt	Inc	Mrt	Inc
Decreasing Mortality	Oral cavity & Pharynx	-31.4	-14.7	Breast <sup>⊕</sup>	-14.2    32.3
	Stomach	-45.2	-34.0	Testis <sup>⊕</sup>	-69.3    56.3
	Colon & Rectum	-25.8	-5.9	Urinary Bladder	-24.1    10.1
	Pancreas	-3.2	-9.5	Thyroid	-20.9    54.9
	Larynx	-14.7	-23.0		
	Cervix uteri <sup>⊕</sup>	-49.8	-43.7		
	Corpus & Uterus, NOS <sup>⊕</sup>	-28.1	-25.3		
	Ovary <sup>⊕</sup>	-13.0	-1.1		
	Hodgkin's disease	-66.5	-16.4		
	Leukemias	-9.0	-6.7		
Increasing Mortality				Mrt	Inc
				All sites	0.0    22.4
				Esophagus	20.4    12.4
				Liver & Intrahep	56.1    94.0
				Lung & Bronchus	35.9    27.9
				Melanomas of skin	35.8    149.3
				Prostate <sup>⊕</sup>	1.6    116.3
				Kidney & Renal pelvis	17.5    46.7
				Brain & Other nervous	10.3    17.6
				Non-Hodgkin's lymphomas	45.2    82.6
			Multiple myeloma	32.7    19.0	

Note: PC is the Percent Change over the time interval.

<sup>⊕</sup> PCs for sex specific sites are only for the proper sex. PCs for breast cancer are for females only.<sup>§</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Table I-6  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Site	All Races								
	Incidence§ (1994-98)			US Mortalityd (1994-98)			Survival§ (1992-97)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	400.5	468.5	352.8	166.2	206.0	138.6	61.7	61.2	62.3
Oral Cavity & Pharynx:	9.9	14.8	5.8	2.6	3.9	1.4	55.8	53.9	59.8
Lip	1.0	1.8	0.3	0.0	0.0	0.0	94.1	94.8	90.7
Tongue	2.2	3.2	1.4	0.6	0.9	0.3	51.5	48.2	57.6
Salivary gland	1.0	1.3	0.8	0.2	0.3	0.1	72.4	67.8	77.0
Floor of mouth	0.9	1.3	0.5	0.1	0.1	0.0	51.8	50.9	53.9
Gum & other oral cavity	1.6	2.1	1.2	0.4	0.6	0.3	52.1	44.3	63.7
Nasopharynx	0.6	0.9	0.4	0.2	0.3	0.1	56.7	57.2	55.3
Tonsil	1.1	1.8	0.5	0.2	0.3	0.1	52.5	51.9	54.5
Oropharynx	0.3	0.4	0.1	0.2	0.3	0.1	32.7	33.9	29.7
Hypopharynx	0.9	1.5	0.4	0.1	0.2	0.1	32.1	31.0	35.7
Other oral cavity & pharynx	0.3	0.5	0.2	0.5	0.9	0.3	30.3	33.5	22.3
Digestive System:	73.2	90.8	59.3	38.3	49.4	29.7	43.0	41.2	44.9
Esophagus	3.9	6.5	1.7	3.6	6.3	1.5	13.7	13.6	14.0
Stomach	6.8	10.0	4.3	4.0	5.7	2.7	21.8	20.5	24.1
Small intestine	1.4	1.6	1.2	0.3	0.4	0.3	51.7	49.7	53.9
Colon & Rectum:	43.9	52.2	37.5	16.9	20.5	14.1	61.1	61.4	60.8
Colon	31.4	36.0	27.9	14.4	17.3	12.2	61.2	61.9	60.5
Rectum	12.5	16.1	9.6	2.4	3.2	1.9	60.8	60.2	61.5
Anus, anal canal & anorectum	1.0	0.9	1.1	0.1	0.1	0.1	63.0	53.5	69.8
Liver & Intrahep:	4.2	6.3	2.4	3.6	5.2	2.3	6.0	5.7	6.5
Liver	3.5	5.5	1.8	2.9	4.4	1.7	6.4	5.9	7.6
Intrahep bile duct	0.7	0.8	0.5	0.7	0.8	0.6	4.2	5.3	3.0
Gallbladder	0.9	0.7	1.1	0.6	0.4	0.8	14.1	13.1	14.3
Other biliary	1.1	1.4	0.9	0.5	0.6	0.4	18.3	18.7	17.9
Pancreas	8.9	10.2	7.8	8.3	9.7	7.2	4.3	4.1	4.4
Retroperitoneum	0.4	0.4	0.3	0.1	0.1	0.1	46.7	43.5	49.1
Peritoneum, omentum & mesentery	0.5	0.2	0.7	0.1	0.1	0.2	32.7	15.2	37.9
Other digestive system	0.3	0.3	0.2	0.1	0.2	0.1	5.1	3.5	8.0
Respiratory System:	61.4	81.7	45.8	50.4	70.9	35.0	18.1	18.0	18.3
Nose, nasal cavity & middle ear	0.6	0.8	0.4	0.1	0.2	0.1	55.6	54.2	57.5
Larynx	3.7	6.5	1.4	1.3	2.3	0.5	64.5	66.0	58.5
Lung & bronchus	56.1	72.6	43.5	48.7	68.0	34.3	14.5	13.0	16.5
Pleura	0.8	1.5	0.3	0.1	0.2	0.1	7.2	4.0	18.6
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.1	46.4	48.5	40.5
Bones & joints	0.9	1.1	0.8	0.4	0.5	0.3	69.1	66.4	73.0
Soft tissue (incl heart)	2.5	2.9	2.2	1.3	1.4	1.2	66.4	65.7	67.1
Skin (ex basal & squam):	16.9	21.8	12.9	2.9	4.2	1.8	76.6	67.6	90.9
Melanomas of skin	14.1	17.2	11.7	2.2	3.2	1.5	88.8	86.4	91.5
Other non-epithelial skin	2.8	4.5	1.2	0.6	1.0	0.3	39.1	31.0	85.5
Breast	62.0	1.0	114.3	13.5	0.3	24.2	85.5	79.5	85.5

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.

Table I-6 - continued  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Site	All Races								
	Total	Incidence§ (1994-98)		Total	US Mortality <sup>d</sup> (1994-98)		Total	Survival§ (1992-97)	
		Males	Females		Males	Females		Males	Females
Female Genital System:	25.3	-	47.1	7.9	-	14.1	70.6	-	70.6
Cervix uteri	4.0	-	7.7	1.4	-	2.7	69.9	-	69.9
Corpus uteri	11.7	-	21.6	1.0	-	1.7	84.9	-	84.9
Uterus, NOS	0.2	-	0.4	0.9	-	1.6	28.6	-	28.6
Ovary	7.8	-	14.5	4.2	-	7.5	52.1	-	52.1
Vagina	0.3	-	0.6	0.1	-	0.2	44.2	-	44.2
Vulva	1.0	-	1.8	0.2	-	0.3	74.6	-	74.6
Other female genital system	0.3	-	0.6	0.1	-	0.2	65.9	-	65.9
Male Genital System:	65.4	147.6	-	9.3	24.1	-	95.9	95.9	-
Prostate	62.6	142.0	-	9.2	23.7	-	96.2	96.2	-
Testis	2.3	4.7	-	0.1	0.2	-	95.3	95.3	-
Penis	0.3	0.6	-	0.1	0.1	-	71.9	71.9	-
Other male genital system	0.1	0.3	-	0.0	0.0	-	75.4	75.4	-
Urinary System:	27.0	43.0	14.6	6.9	10.7	4.1	73.8	76.2	68.7
Urinary bladder	16.7	28.8	7.6	3.2	5.5	1.7	81.2	83.4	75.3
Kidney & renal pelvis	9.6	13.1	6.6	3.5	5.0	2.3	61.7	61.7	61.7
Ureter	0.4	0.7	0.3	0.1	0.1	0.1	55.1	54.2	56.5
Other urinary system	0.3	0.4	0.1	0.1	0.1	0.0	62.8	68.5	53.2
Eye & Orbit	0.7	0.8	0.6	0.1	0.1	0.1	82.9	80.6	85.5
Brain & Nervous System:	6.0	7.1	4.9	4.1	5.0	3.4	31.8	32.6	30.7
Brain	5.6	6.7	4.6	4.0	4.9	3.3	29.1	29.7	28.2
Cranial nerves & other nervous system	0.4	0.4	0.3	0.1	0.1	0.1	73.0	77.8	67.4
Endocrine System:	6.3	3.7	8.8	0.7	0.7	0.6	91.7	86.0	94.0
Thyroid	5.6	3.0	8.2	0.3	0.3	0.4	95.2	91.4	96.5
Other endocrine & thymus	0.6	0.7	0.6	0.3	0.3	0.3	57.9	61.6	53.7
Lymphomas:	18.8	22.7	15.4	7.4	9.1	6.0	58.0	54.2	62.7
Hodgkin's disease	2.7	2.9	2.4	0.4	0.5	0.4	83.1	80.5	86.1
Non-Hodgkin's lymphomas	16.1	19.8	13.0	6.9	8.6	5.6	53.1	49.3	57.8
Multiple myeloma	4.5	5.5	3.8	3.1	3.8	2.6	28.7	29.6	27.8
Leukemias:	10.4	13.3	8.1	6.2	8.2	4.7	44.7	46.3	42.6
Lymphocytic:	4.6	6.0	3.5	1.8	2.5	1.3	67.7	67.4	68.1
Acute lymphocytic	1.5	1.8	1.3	0.5	0.6	0.4	63.3	61.3	65.3
Chronic lymphocytic	3.0	4.1	2.1	1.2	1.8	0.8	71.7	72.4	70.8
Other lymphocytic	0.1	0.2	0.1	0.1	0.1	0.1	42.7	42.4	43.6
Myeloid:	4.4	5.4	3.6	2.7	3.5	2.2	23.2	23.6	22.7
Acute myeloid	2.8	3.4	2.3	2.0	2.5	1.6	16.0	15.5	16.6
Chronic myeloid	1.4	1.8	1.0	0.7	0.9	0.5	33.5	35.0	31.7
Other myeloid	0.2	0.2	0.2	0.1	0.1	0.1	40.4	37.1	42.4
Monocytic:	0.2	0.3	0.2	0.1	0.1	0.0	19.1	21.9	15.3
Acute monocytic	0.2	0.3	0.2	0.0	0.1	0.0	20.6	24.4	15.5
Chronic monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other:	1.1	1.6	0.8	1.6	2.1	1.2	37.1	44.8	25.1
Other acute	0.4	0.5	0.3	0.8	1.1	0.7	9.7	10.7	8.2
Other chronic	0.0	0.0	0.0	0.0	0.1	0.0	17.3	-	-
Aleukemic, subleuk & NOS	0.7	1.0	0.5	0.7	1.0	0.5	52.1	59.9	37.3
Ill-defined & unspecified	9.3	10.6	8.3	11.2	13.8	9.3	13.4	14.7	12.3

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.

Table I-7  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Whites									
Site	Incidence§ (1994-98)			US Mortality <sup>d</sup> (1994-98)			Survival§ (1992-97)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	402.6	464.3	360.3	163.1	200.5	137.3	63.1	62.8	63.5
Oral Cavity & Pharynx:	9.7	14.3	5.8	2.4	3.6	1.4	58.4	57.3	60.6
Lip	1.1	2.1	0.4	0.0	0.1	0.0	93.9	94.7	90.5
Tongue	2.2	3.2	1.4	0.6	0.8	0.3	53.3	50.6	58.4
Salivary gland	1.0	1.3	0.9	0.2	0.3	0.1	72.5	68.5	76.6
Floor of mouth	0.9	1.3	0.5	0.1	0.1	0.0	54.5	54.6	54.4
Gum & other oral cavity	1.6	2.0	1.3	0.4	0.5	0.3	55.1	48.4	64.6
Nasopharynx	0.4	0.5	0.3	0.2	0.3	0.1	49.3	49.6	48.8
Tonsil	1.1	1.7	0.5	0.2	0.3	0.1	55.2	55.2	55.2
Oropharynx	0.3	0.4	0.1	0.2	0.2	0.1	36.5	38.6	31.5
Hypopharynx	0.8	1.3	0.3	0.1	0.2	0.1	34.9	34.0	37.7
Other oral cavity & pharynx	0.3	0.5	0.2	0.5	0.8	0.2	32.7	36.5	24.3
Digestive System:	70.3	86.9	57.1	36.5	47.1	28.3	44.6	43.0	46.3
Esophagus	3.6	6.1	1.6	3.3	5.9	1.3	15.1	14.7	16.2
Stomach	5.7	8.6	3.5	3.5	5.1	2.3	20.7	19.1	23.6
Small intestine	1.3	1.6	1.2	0.3	0.4	0.2	52.8	49.9	56.1
Colon & Rectum:	43.5	51.8	37.0	16.4	20.1	13.7	62.0	62.3	61.6
Colon	31.1	35.9	27.5	14.0	17.0	11.8	62.1	62.9	61.5
Rectum	12.4	16.0	9.5	2.4	3.2	1.8	61.5	61.0	62.1
Anus, anal canal & anorectum	1.0	0.9	1.1	0.1	0.1	0.1	65.5	57.4	70.6
Liver & Intrahep:	3.3	5.1	1.9	3.3	4.7	2.1	6.1	5.6	7.2
Liver	2.7	4.2	1.4	2.6	3.9	1.5	6.6	5.6	8.8
Intrahep bile duct	0.6	0.8	0.5	0.7	0.8	0.6	4.4	5.8	2.8
Gallbladder	0.9	0.7	1.1	0.6	0.4	0.7	13.7	10.5	14.5
Other biliary	1.1	1.4	0.9	0.5	0.6	0.4	19.6	20.3	18.9
Pancreas	8.6	9.8	7.5	8.1	9.5	6.9	4.2	3.9	4.5
Retroperitoneum	0.4	0.4	0.3	0.1	0.1	0.1	47.3	44.3	49.8
Peritoneum, omentum & mesentery	0.5	0.2	0.8	0.1	0.1	0.2	32.5	11.4	38.9
Other digestive system	0.3	0.3	0.3	0.1	0.2	0.1	1.7	0.0	6.6
Respiratory System:	61.6	80.3	47.4	50.0	69.2	35.6	18.5	18.5	18.5
Nose, nasal cavity & middle ear	0.6	0.7	0.4	0.1	0.2	0.1	59.0	58.7	59.4
Larynx	3.7	6.4	1.4	1.2	2.1	0.4	66.1	67.8	59.4
Lung & bronchus	56.3	71.3	45.1	48.5	66.6	34.9	14.8	13.3	16.8
Pleura	0.8	1.6	0.3	0.1	0.3	0.1	7.1	4.2	18.0
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.1	44.4	46.9	37.6
Bones & joints	1.0	1.2	0.8	0.4	0.5	0.3	69.4	67.1	72.8
Soft tissue (incl heart)	2.5	2.9	2.2	1.2	1.4	1.2	67.7	67.7	67.7
Skin (ex basal & squam):	18.9	24.0	14.7	3.1	4.6	2.0	78.3	69.9	91.3
Melanomas of skin	16.1	19.6	13.5	2.5	3.6	1.7	89.0	86.6	91.8
Other non-epithelial skin	2.7	4.4	1.2	0.6	1.0	0.3	39.8	31.7	86.5
Breast	63.4	1.0	117.9	13.2	0.2	23.8	86.8	83.2	86.8

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.



Table I-7 - continued  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Site	Whites								
	Total	Incidence§ (1994-98)		Total	US Mortalityd (1994-98)		Total	Survival§ (1992-97)	
		Males	Females		Males	Females		Males	Females
Female Genital System:	25.7	-	48.1	7.7	-	13.9	71.6	-	71.6
Cervix uteri	3.6	-	7.0	1.3	-	2.4	71.5	-	71.5
Corpus uteri	12.1	-	22.6	0.9	-	1.6	86.6	-	86.6
Uterus, NOS	0.2	-	0.3	0.8	-	1.5	24.2	-	24.2
Ovary	8.1	-	15.3	4.3	-	7.7	51.5	-	51.5
Vagina	0.3	-	0.5	0.1	-	0.2	45.6	-	45.6
Vulva	1.0	-	1.9	0.2	-	0.3	74.5	-	74.5
Other female genital system	0.3	-	0.6	0.1	-	0.1	67.0	-	67.0
Male Genital System:	63.7	142.9	-	8.5	22.1	-	96.7	96.7	-
Prostate	60.6	136.6	-	8.4	21.7	-	97.0	97.0	-
Testis	2.7	5.5	-	0.1	0.2	-	95.4	95.4	-
Penis	0.3	0.6	-	0.1	0.1	-	73.3	73.3	-
Other male genital system	0.1	0.3	-	0.0	0.0	-	71.9	71.9	-
Urinary System:	28.5	45.6	15.2	7.0	11.0	4.1	74.8	77.3	69.5
Urinary bladder	18.2	31.4	8.1	3.3	5.7	1.7	81.9	83.9	76.2
Kidney & renal pelvis	9.6	13.2	6.7	3.6	5.1	2.4	62.1	62.4	61.5
Ureter	0.5	0.7	0.3	0.1	0.1	0.1	56.5	58.0	54.4
Other urinary system	0.2	0.4	0.1	0.0	0.1	0.0	63.0	65.6	57.2
Eye & Orbit	0.8	0.9	0.7	0.1	0.1	0.1	82.5	80.4	84.8
Brain & Nervous System:	6.4	7.7	5.3	4.4	5.3	3.6	31.0	31.5	30.3
Brain	6.1	7.3	5.0	4.3	5.2	3.6	28.2	28.5	27.9
Cranial nerves & other nervous system	0.4	0.4	0.3	0.1	0.1	0.1	74.8	79.5	69.0
Endocrine System:	6.4	3.8	8.9	0.7	0.7	0.6	92.1	86.8	94.2
Thyroid	5.8	3.1	8.4	0.3	0.3	0.3	95.4	91.6	96.7
Other endocrine & thymus	0.6	0.7	0.6	0.3	0.3	0.3	56.0	61.3	49.4
Lymphomas:	19.6	23.5	16.2	7.7	9.4	6.2	59.1	55.6	63.3
Hodgkin's disease	2.9	3.2	2.7	0.5	0.5	0.4	84.0	81.7	86.6
Non-Hodgkin's lymphomas	16.7	20.3	13.5	7.2	8.9	5.9	54.2	50.6	58.6
Multiple myeloma	4.2	5.2	3.4	2.8	3.5	2.3	28.0	28.9	27.0
Leukemias:	10.8	13.8	8.4	6.3	8.3	4.8	46.0	47.6	43.8
Lymphocytic:	4.9	6.3	3.7	1.8	2.6	1.3	68.9	68.9	69.0
Acute lymphocytic	1.6	1.9	1.4	0.5	0.6	0.4	62.8	61.3	64.4
Chronic lymphocytic	3.1	4.3	2.2	1.2	1.8	0.8	73.2	74.1	72.0
Other lymphocytic	0.1	0.2	0.1	0.1	0.1	0.1	46.6	43.5	51.9
Myeloid:	4.5	5.5	3.7	2.8	3.5	2.2	22.8	22.9	22.6
Acute myeloid	2.8	3.4	2.4	2.0	2.5	1.6	15.4	14.5	16.4
Chronic myeloid	1.4	1.8	1.1	0.7	0.9	0.5	33.3	34.7	31.9
Other myeloid	0.2	0.3	0.2	0.1	0.1	0.1	41.9	40.7	41.5
Monocytic:	0.2	0.3	0.2	0.1	0.1	0.0	19.8	20.7	16.5
Acute monocytic	0.2	0.3	0.2	0.1	0.1	0.0	20.7	22.8	17.6
Chronic monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other:	1.2	1.6	0.8	1.6	2.2	1.2	39.6	48.2	25.5
Other acute	0.4	0.5	0.3	0.9	1.1	0.7	9.2	10.0	8.0
Other chronic	0.0	0.0	0.0	0.0	0.1	0.0	18.6	-	-
Aleukemic, subleuk & NOS	0.7	1.1	0.5	0.7	1.0	0.5	55.4	64.2	38.1
Ill-defined & unspecified	9.1	10.5	8.0	11.0	13.4	9.1	13.9	15.7	12.3

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.

Table I-8  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Site	Blacks								
	Total	Incidence§ (1994-98)		Total	US Mortality <sup>d</sup> (1994-98)		Total	Survival§ (1992-97)	
		Males	Females		Males	Females		Males	Females
All Sites	448.5	596.6	342.6	215.6	292.3	165.7	51.7	53.0	50.1
Oral Cavity & Pharynx:	12.4	20.5	6.1	4.4	7.6	1.9	34.3	28.3	50.5
Lip	0.1	0.1	0.1	0.0	0.0	0.0	-	-	-
Tongue	2.5	4.1	1.3	0.9	1.6	0.4	33.3	29.7	42.6
Salivary gland	0.8	1.1	0.6	0.2	0.2	0.1	72.1	55.9	87.9
Floor of mouth	1.3	2.0	0.7	0.1	0.2	0.1	35.7	32.7	47.5
Gum & other oral cavity	2.3	3.7	1.3	0.6	1.1	0.3	35.0	23.8	60.3
Nasopharynx	0.6	1.0	0.4	0.3	0.5	0.2	39.3	34.9	-
Tonsil	1.9	3.3	0.7	0.4	0.7	0.2	34.4	32.1	40.0
Oropharynx	0.5	1.0	0.2	0.4	0.7	0.2	16.5	17.2	-
Hypopharynx	1.8	3.2	0.6	0.3	0.5	0.1	21.3	18.6	33.1
Other oral cavity & pharynx	0.6	1.0	0.3	1.1	2.0	0.4	14.8	16.5	-
Digestive System:	94.5	116.4	78.0	55.9	73.6	43.3	33.4	30.7	36.2
Esophagus	7.5	12.0	4.1	6.8	11.9	3.1	9.0	10.0	6.6
Stomach	11.5	16.7	7.6	7.7	11.4	5.2	19.5	18.4	21.4
Small intestine	2.6	3.1	2.2	0.5	0.6	0.4	47.6	47.2	49.2
Colon & Rectum:	49.9	56.9	44.9	22.6	27.2	19.5	51.5	51.2	51.7
Colon	38.0	42.1	35.2	19.8	23.4	17.3	51.3	51.4	51.2
Rectum	11.9	14.8	9.7	2.9	3.8	2.2	51.9	50.7	53.4
Anus, anal canal & anorectum	1.1	1.1	1.1	0.2	0.2	0.2	46.3	36.2	59.3
Liver & Intrahep:	5.3	8.4	2.9	5.0	7.7	3.0	3.7	2.3	7.2
Liver	4.9	7.8	2.6	4.4	6.9	2.5	3.9	2.5	7.1
Intrahep bile duct	0.4	0.6	0.3	0.6	0.7	0.5	0.0	0.0	-
Gallbladder	1.1	0.8	1.3	0.7	0.5	0.9	9.7	11.9	8.4
Other biliary	1.0	1.2	0.8	0.4	0.4	0.3	21.6	17.7	23.3
Pancreas	13.6	15.4	12.1	11.6	13.3	10.3	3.9	4.6	3.3
Retroperitoneum	0.4	0.4	0.4	0.1	0.1	0.1	43.7	-	44.3
Peritoneum, omentum & mesentery	0.3	0.2	0.4	0.1	0.1	0.1	40.4	-	-
Other digestive system	0.3	0.4	0.2	0.2	0.3	0.1	3.4	-	-
Respiratory System:	80.1	121.7	49.8	61.5	99.8	35.0	15.5	15.0	16.5
Nose, nasal cavity & middle ear	0.7	1.0	0.5	0.2	0.3	0.1	38.2	34.6	42.6
Larynx	6.3	11.2	2.5	2.7	5.2	0.9	53.2	53.8	51.2
Lung & bronchus	72.4	108.3	46.4	58.4	94.0	33.9	11.7	10.4	14.1
Pleura	0.5	0.9	0.3	0.1	0.1	0.0	9.3	2.5	-
Trachea & other respiratory organs	0.2	0.4	0.1	0.1	0.2	0.1	37.9	-	-
Bones & joints	0.7	0.9	0.5	0.5	0.6	0.4	64.8	57.5	71.9
Soft tissue (incl heart)	2.7	3.2	2.3	1.6	1.5	1.7	64.3	62.7	66.3
Skin (ex basal & squam):	4.0	6.9	1.7	1.0	1.4	0.6	36.0	27.7	76.2
Melanomas of skin	1.0	1.4	0.7	0.4	0.4	0.4	60.5	58.0	62.9
Other non-epithelial skin	3.0	5.4	0.9	0.6	1.0	0.3	32.9	25.3	80.0
Breast	58.9	1.3	103.3	18.1	0.5	30.9	71.8	49.5	72.0

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.

Table I-8 - continued  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES AND 5-YEAR RELATIVE SURVIVAL RATES  
 By Primary Cancer Site, Sex and Time Period

Site	Blacks								
	Total	Incidence§ (1994-98)		Total	US Mortality <sup>d</sup> (1994-98)		Total	Survival§ (1992-97)	
		Males	Females		Males	Females		Males	Females
Female Genital System:	23.1	-	40.6	10.6	-	18.0	56.2	-	56.2
Cervix uteri	6.3	-	11.3	3.1	-	5.3	57.5	-	57.5
Corpus uteri	8.6	-	15.0	1.6	-	2.7	60.6	-	60.6
Uterus, NOS	0.4	-	0.7	1.8	-	3.0	25.1	-	25.1
Ovary	5.9	-	10.4	3.7	-	6.3	50.5	-	50.5
Vagina	0.5	-	0.9	0.2	-	0.3	36.1	-	36.1
Vulva	1.0	-	1.7	0.1	-	0.2	69.9	-	69.9
Other female genital system	0.4	-	0.6	0.1	-	0.2	56.7	-	56.7
Male Genital System:	98.1	233.0	-	19.6	52.4	-	91.6	91.6	-
Prostate	97.1	230.8	-	19.4	52.1	-	91.8	91.8	-
Testis	0.5	1.2	-	0.1	0.1	-	87.6	87.6	-
Penis	0.3	0.8	-	0.1	0.2	-	63.7	63.7	-
Other male genital system	0.1	0.3	-	0.0	0.0	-	-	-	-
Urinary System:	21.4	31.4	14.0	6.7	9.5	4.8	61.7	63.2	59.5
Urinary bladder	9.4	14.7	5.5	3.0	4.2	2.3	64.9	68.6	58.2
Kidney & renal pelvis	11.3	15.7	8.0	3.5	5.2	2.3	59.5	58.0	61.6
Ureter	0.2	0.3	0.1	0.0	0.0	0.0	-	-	-
Other urinary system	0.5	0.8	0.4	0.1	0.1	0.1	60.2	77.2	38.6
Eye & Orbit	0.2	0.2	0.3	0.0	0.0	0.0	89.7	-	-
Brain & Nervous System:	3.7	4.4	3.3	2.4	2.9	2.1	39.4	44.9	33.8
Brain	3.4	4.0	2.9	2.4	2.8	2.0	37.7	43.2	32.1
Cranial nerves & other nervous system	0.4	0.3	0.4	0.1	0.1	0.1	55.0	-	-
Endocrine System:	3.9	2.2	5.3	0.7	0.6	0.7	89.1	84.0	90.9
Thyroid	3.2	1.5	4.6	0.3	0.2	0.4	93.7	89.9	94.4
Other endocrine & thymus	0.7	0.8	0.7	0.3	0.4	0.3	64.7	65.2	61.5
Lymphomas:	14.8	19.6	10.9	5.4	7.0	4.2	50.6	45.0	59.3
Hodgkin's disease	2.2	2.5	1.9	0.5	0.6	0.3	77.5	73.6	81.6
Non-Hodgkin's lymphomas	12.6	17.1	8.9	4.9	6.4	3.8	43.4	38.9	51.4
Multiple myeloma	9.6	10.7	8.9	6.2	7.4	5.4	31.1	33.0	29.6
Leukemias:	8.0	10.3	6.2	5.8	7.7	4.6	37.5	37.7	37.0
Lymphocytic:	3.2	4.4	2.3	1.7	2.5	1.2	52.9	49.9	57.0
Acute lymphocytic	1.0	1.2	0.8	0.4	0.5	0.3	59.6	53.8	64.9
Chronic lymphocytic	2.2	3.1	1.4	1.3	1.9	0.8	51.4	49.2	55.1
Other lymphocytic	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
Myeloid:	3.8	4.6	3.2	2.5	3.0	2.1	26.4	28.7	24.3
Acute myeloid	2.2	2.6	2.0	1.6	2.0	1.4	19.1	21.5	16.5
Chronic myeloid	1.4	1.9	1.0	0.8	1.0	0.6	36.0	36.7	35.1
Other myeloid	0.1	0.2	0.1	0.1	0.1	0.1	42.5	-	-
Monocytic:	0.1	0.2	0.1	0.1	0.1	0.0	-	-	-
Acute monocytic	0.1	0.1	0.1	0.0	0.1	0.0	-	-	-
Chronic monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other monocytic	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-
Other:	0.8	1.1	0.6	1.6	2.1	1.2	26.5	20.4	32.2
Other acute	0.3	0.5	0.3	0.7	0.8	0.6	17.3	15.6	-
Other chronic	0.0	0.0	0.0	0.1	0.1	0.0	-	-	-
Aleukemic, subleuk & NOS	0.5	0.7	0.3	0.8	1.1	0.6	30.8	23.7	36.8
Ill-defined & unspecified	12.5	13.8	11.4	15.3	19.7	12.1	10.8	9.2	12.2

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are expressed as percents.

§ SEER Program.  
 d NCHS public use tape.  
 - Statistic could not be calculated.

Table I-9

MESOTHELIOMAS (Invasive)AGE-ADJUSTED CANCER SEER INCIDENCE RATES<sup>§</sup>, 1977-98

By Race, Sex and Year of Diagnosis

Race/Sex	Year of Diagnosis																					
	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
All Races																						
Males & Females	0.5	0.6	0.7	0.8	0.6	0.7	0.9	0.9	0.8	0.8	0.8	0.8	1.0	1.0	0.9	1.0	0.9	1.0	0.9	0.9	0.8	0.8
Males	0.9	1.2	1.2	1.5	1.2	1.2	1.5	1.7	1.4	1.3	1.4	1.5	1.8	1.7	1.7	1.9	1.6	1.7	1.7	1.7	1.5	1.5
0-54	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.1	0.2	0.1	0.2
55-64	1.7	3.9	2.6	4.1	3.5	3.7	3.6	4.2	4.8	3.9	3.1	2.9	3.4	4.4	4.4	4.7	2.7	3.8	2.9	4.5	3.9	2.9
65-74	4.8	6.2	7.9	9.5	6.5	5.7	8.6	8.6	8.4	7.2	8.9	9.3	14.2	8.6	10.1	9.5	11.3	8.6	11.6	8.4	9.1	9.0
75-84	5.5	7.1	9.4	10.4	9.8	7.6	15.6	15.0	9.2	13.5	11.4	14.4	10.9	17.4	17.1	17.7	14.0	18.8	16.5	17.4	12.3	15.9
85+	1.7	5.0	9.7	6.3	3.1	6.1	6.0	11.8	5.8	7.1	8.3	9.5	14.6	12.9	11.1	24.9	15.8	8.6	14.3	13.7	16.8	15.1
Females	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3
0-54	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
55-64	0.8	0.6	0.9	1.3	0.6	0.8	1.1	0.7	0.8	1.5	0.6	0.4	1.1	1.2	0.8	1.0	0.9	1.5	0.7	1.3	0.5	0.1
65-74	0.9	0.8	1.9	1.3	0.5	2.3	1.9	1.2	1.7	2.0	0.7	1.5	1.9	1.6	1.2	1.4	1.2	1.5	1.7	1.5	1.5	1.7
75-84	0.8	1.8	0.9	1.0	2.5	1.3	2.6	3.3	2.7	1.8	2.7	2.0	1.5	2.6	3.4	2.3	3.5	2.2	3.1	2.4	2.2	2.0
85+	0.0	0.0	0.0	2.0	0.0	1.3	1.2	1.2	0.6	0.6	3.2	2.1	1.5	1.0	1.9	2.3	1.8	1.3	2.9	2.8	1.6	2.3
Whites																						
Males & Females	0.6	0.7	0.7	0.9	0.7	0.8	0.9	1.0	0.8	0.8	0.8	0.9	1.0	1.0	1.0	1.1	0.9	1.0	1.0	1.0	0.9	0.9
Males	0.9	1.3	1.3	1.7	1.3	1.3	1.6	1.8	1.5	1.5	1.5	1.6	1.9	1.9	1.8	2.1	1.8	1.9	1.8	1.9	1.6	1.6
Females	0.3	0.2	0.2	0.4	0.2	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3
Blacks																						
Males & Females	0.2	0.2	0.6	0.3	0.2	0.2	0.8	0.3	0.7	0.4	0.6	0.5	0.6	0.6	0.5	0.6	0.5	0.8	0.6	0.4	0.7	0.5
Males	0.3	0.2	0.8	0.7	0.5	0.6	1.3	0.7	1.4	0.7	0.9	0.9	0.9	1.1	1.1	1.2	1.0	1.4	1.2	0.7	1.0	1.0
Females	0.1	0.3	0.4	0.0	0.0	0.0	0.4	0.0	0.2	0.2	0.3	0.3	0.4	0.3	0.2	0.1	0.3	0.4	0.2	0.1	0.5	0.1

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Table I-10  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
All Races, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
All Sites	22.4	1.0*	24.8	1.2*	18.0	0.8*	0.0	0.1	-3.1	-0.1	3.5	0.3*
Oral Cavity & Pharynx:	-14.7	-0.7*	-18.9	-0.9*	-8.6	-0.5*	-31.4	-1.6*	-35.4	-1.9*	-25.1	-1.3*
Lip	-60.0	-3.4*	-65.1	-3.9*	-14.4	-0.1	-68.6	-5.1*	-74.9	-5.8*	-22.7	-1.7*
Tongue	3.9	0.3*	5.5	0.3*	-3.2	0.2	-33.5	-1.7*	-38.7	-2.1*	-24.2	-1.3*
Salivary gland	23.9	0.6*	26.8	0.8*	20.6	0.3	-30.4	-1.4*	-26.0	-1.2*	-36.5	-1.7*
Floor of mouth	-27.3	-1.9*	-31.0	-2.0*	-22.0	-1.9*	-70.4	-5.0*	-74.7	-5.5*	-57.6	-3.8*
Gum & other oral cavity	-20.2	-0.5	-27.3	-0.5	-12.3	-0.6*	-28.9	-1.7*	-35.6	-2.1*	-21.0	-1.2*
Nasopharynx	4.1	0.2	6.9	0.2	-5.5	0.3	-21.0	-1.0*	-24.2	-1.2*	-14.9	-0.8*
Tonsil	1.3	0.0	18.7	0.5*	-32.9	-1.5*	-44.1	-2.6*	-46.1	-2.7*	-43.3	-2.7*
Oropharynx	6.7	-0.2	-5.5	-0.1	42.9	-0.9	45.3	1.0*	38.2	0.8*	59.1	1.2*
Hypopharynx	-0.1	-0.7*	3.9	-0.7	-17.3	-1.1	-46.9	-3.0*	-49.4	-3.2*	-41.4	-2.6*
Other oral cavity & pharynx	33.3	0.0	44.2	0.0	12.1	-0.3	-19.1	-0.6*	-20.9	-0.7*	-19.3	-0.6*
Digestive System:	-5.2	-0.3*	-4.3	-0.3*	-7.5	-0.5*	-18.0	-0.8*	-15.6	-0.7*	-22.1	-1.0*
Esophagus	12.4	0.5*	16.9	0.7*	-4.0	-0.2	20.4	0.7*	24.6	0.9*	3.6	0.0
Stomach	-34.0	-1.6*	-35.4	-1.6*	-32.5	-1.7*	-45.2	-2.3*	-45.8	-2.3*	-45.4	-2.4*
Small intestine	68.0	2.6*	78.5	2.7*	56.9	2.4*	9.7	0.5*	14.6	0.7*	3.5	0.2*
Colon & Rectum:	-5.9	-0.5*	-3.8	-0.4*	-8.9	-0.7*	-25.8	-1.3*	-21.8	-1.1*	-30.7	-1.6*
Colon	-2.3	-0.4*	2.0	-0.2	-7.1	-0.6*	-20.6	-1.0*	-14.1	-0.7*	-27.2	-1.4*
Rectum	-13.8	-0.9*	-14.7	-0.8*	-13.7	-1.0*	-46.4	-2.7*	-47.0	-2.7*	-47.2	-2.8*
Anus, anal canal & anorectum	76.5	2.0*	99.4	2.5*	60.9	1.7*	406.8	3.7*	384.0	4.0*	408.2	3.4*
Liver & Intrahep:	94.0	3.4*	106.4	3.5*	62.9	2.9*	56.1	2.4*	66.2	2.6*	37.7	1.9*
Liver	74.5	2.7*	89.8	2.9*	38.1	1.9*	31.0	1.5*	45.3	2.0*	5.7	0.6*
Intrahep bile duct	383.5	9.2*	387.6	9.3*	359.1	8.8*	745.0	8.2*	740.9	8.2*	750.0	8.2*
Gallbladder	-44.1	-2.2*	-32.0	-1.7*	-47.8	-2.2*	-47.9	-2.7*	-41.6	-2.4*	-49.4	-2.8*
Other biliary	-8.6	-0.6*	5.8	-0.5*	-21.8	-0.7*	-47.5	-2.7*	-47.0	-2.6*	-47.7	-2.7*
Pancreas	-9.5	-0.4*	-17.4	-0.8*	-1.4	0.0	-3.2	-0.2*	-11.5	-0.6*	5.8	0.3*
Retroperitoneum	-26.4	-0.8*	-19.7	-1.1*	-29.8	-0.5	-61.7	-4.5*	-62.5	-4.7*	-60.8	-4.2*
Peritoneum, omentum & mesentery	198.3	6.3*	1.3	1.0	391.8	9.0*	20.5	0.8	-43.2	-2.2*	64.1	2.6*
Other digestive system	18.5	-0.3	16.9	0.0	25.3	-0.6	-59.0	-4.0*	-56.8	-3.9*	-61.8	-4.3*
Respiratory System:	22.7	0.7*	-6.5	-0.4*	116.3	2.9*	32.4	1.2*	2.4	0.1	141.9	3.5*
Nose, nasal cavity & middle ear	-11.3	-0.2	-13.3	-0.4	-9.6	-0.1	-44.3	-2.6*	-44.9	-2.8*	-43.8	-2.2*
Larynx	-23.0	-1.0*	-27.9	-1.3*	2.7	0.2	-14.7	-0.6*	-23.4	-1.0*	36.5	1.0*
Lung & bronchus	27.9	0.9*	-4.8	-0.3*	129.9	3.0*	35.9	1.3*	4.4	0.2	150.6	3.6*
Pleura	64.8	2.1*	92.5	2.3*	8.0	1.6*	-1.8	-0.1	16.3	0.5	-37.3	-1.6*
Trachea & other respiratory organs	-26.0	-1.0*	-35.7	-1.3*	-11.4	-0.7	-71.0	-4.9*	-74.3	-5.4*	-65.1	-4.0*
Bones & joints	22.0	0.6*	13.4	0.6*	33.3	0.5	-51.2	-3.1*	-52.8	-3.2*	-50.1	-2.9*
Soft tissue (incl heart)	24.3	1.0*	16.5	0.9*	33.3	1.2*	65.8	2.0*	52.3	1.8*	80.0	2.2*
Skin (ex basal & squam):	157.2	3.9*	198.6	4.7*	119.4	2.8*	24.3	0.9*	37.9	1.3*	4.3	0.1
Melanomas of skin	149.3	3.4*	184.6	4.0*	118.8	2.7*	35.8	1.1*	51.7	1.6*	16.0	0.4*
Other non-epithelial skin	243.5	6.0*	338.6	5.9*	126.5	3.8*	-5.7	0.1	6.5	0.6	-30.7	-1.3*
Breast	31.4	1.4*	-0.2	0.8*	32.3	1.5*	-14.3	-0.4*	-20.9	-0.5*	-14.2	-0.4*

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.

Table I-10 - continued  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
 All Races, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
Female Genital System:	-22.1	-1.0*	-	-	-22.2	-1.0*	-26.9	-1.2*	-	-	-27.1	-1.2*
Cervix uteri	-44.6	-2.2*	-	-	-43.7	-2.1*	-50.8	-2.7*	-	-	-49.8	-2.6*
Corpus uteri	-24.4	-1.4*	-	-	-25.1	-1.5*	-8.1	-0.8*	-	-	-8.0	-0.7*
Uterus, NOS	-34.4	-1.7*	-	-	-33.3	-1.6*	-41.4	-2.1*	-	-	-41.3	-2.1*
Ovary	-1.4	0.3*	-	-	-1.1	0.4*	-12.0	-0.4*	-	-	-13.0	-0.5*
Vagina	-17.3	-1.1*	-	-	-17.4	-1.0*	-30.4	-1.5*	-	-	-29.8	-1.5*
Vulva	19.3	0.5*	-	-	22.2	0.6*	-20.6	-0.8*	-	-	-20.5	-0.8*
Other female genital system	-18.4	-0.4	-	-	-19.8	-0.5	-29.9	-1.1*	-	-	-31.1	-1.1*
Male Genital System:	126.8	4.4*	111.5	4.0*	-	-	-3.1	0.3*	-1.1	0.4*	-	-
Prostate	133.3	4.6*	116.3	4.1*	-	-	0.1	0.5*	1.6	0.5*	-	-
Testis	57.9	1.7*	56.3	1.7*	-	-	-69.1	-5.2*	-69.3	-5.2*	-	-
Penis	-26.6	-1.5*	-26.4	-1.6*	-	-	-37.8	-2.0*	-38.4	-2.1*	-	-
Other male genital system	23.3	1.4*	25.4	1.3*	-	-	-27.7	-2.8*	-29.1	-2.9*	-	-
Urinary System:	19.9	0.8*	16.7	0.6*	26.3	1.0*	-7.1	-0.3*	-9.6	-0.4*	-2.3	-0.1
Urinary bladder	10.1	0.4*	9.3	0.3*	11.3	0.3*	-24.1	-1.2*	-25.3	-1.3*	-20.1	-1.0*
Kidney & renal pelvis	46.7	1.9*	40.3	1.7*	56.0	2.2*	17.5	0.8*	16.8	0.7*	18.4	0.8*
Ureter	-17.6	-1.2*	-15.8	-1.3*	-21.7	-1.2*	-5.4	-0.6*	-5.2	-0.6*	-6.6	-0.7*
Other urinary system	1.6	-0.8*	20.1	-0.6	-24.8	-1.5*	-28.1	-2.2*	-26.4	-2.3*	-27.0	-2.0*
Eye & Orbit	-17.7	-0.7*	-29.1	-0.7*	-1.0	-0.6*	-45.8	-2.6*	-43.9	-2.5*	-48.1	-2.8*
Brain & Nervous System:	17.6	0.6*	16.1	0.6*	20.2	0.6*	10.3	0.4*	9.5	0.4*	11.4	0.4*
Brain	17.9	0.6*	16.4	0.5*	20.8	0.6*	34.9	1.2*	34.6	1.2*	35.3	1.2*
Cranial nerves & other nervous system	13.0	0.9*	11.5	0.8	12.3	0.8	-87.6	-11.4*	-88.4	-11.8*	-86.4	-11.0*
Endocrine System:	54.5	1.7*	38.0	1.1*	62.9	1.9*	-13.7	-0.6*	-3.4	-0.2*	-20.1	-0.9*
Thyroid	54.9	1.7*	38.6	1.1*	62.4	1.9*	-20.9	-1.1*	-0.6	-0.2	-30.5	-1.6*
Other endocrine & thymus	50.8	1.6*	35.6	1.2*	70.4	2.0*	-3.7	-0.1	-6.1	-0.2	-1.0	0.0
Lymphomas:	56.1	2.2*	54.8	2.3*	57.0	1.9*	21.6	1.2*	21.5	1.2*	22.1	1.2*
Hodgkin's disease	-16.4	-0.3*	-28.3	-0.8*	0.9	0.3*	-66.5	-4.3*	-68.3	-4.4*	-63.8	-4.0*
Non-Hodgkin's lymphomas	82.6	2.7*	86.8	3.0*	75.7	2.3*	45.2	1.9*	46.9	2.0*	43.1	1.8*
Multiple myeloma	19.0	0.8*	21.0	0.8*	16.0	0.7*	32.7	1.2*	33.1	1.2*	32.6	1.2*
Leukemias:	-6.7	-0.1	-8.5	-0.2	-5.6	-0.1	-9.0	-0.3*	-8.6	-0.3*	-9.7	-0.4*
Lymphocytic:	-11.3	-0.1	-17.8	-0.2	-4.2	-0.1	-19.0	-0.6*	-18.6	-0.5*	-20.1	-0.6*
Acute lymphocytic	27.8	1.3*	13.6	1.1*	47.7	1.4*	-33.7	-1.5*	-37.3	-1.7*	-28.5	-1.3*
Chronic lymphocytic	-23.9	-0.6*	-25.8	-0.6*	-23.6	-0.7*	7.0	0.6*	8.8	0.6*	2.2	0.5*
Other lymphocytic	-36.0	-2.1*	-47.7	-2.1*	-21.2	-2.3*	-72.5	-5.3*	-73.0	-5.2*	-72.0	-5.4*
Myeloid:	-0.5	0.0	2.7	-0.1	-4.3	0.0	-6.5	-0.5*	-5.9	-0.5*	-7.6	-0.6*
Acute myeloid	14.5	0.5*	20.4	0.5*	9.2	0.4	4.2	-0.2	5.4	-0.1	3.2	-0.3
Chronic myeloid	-15.8	-0.2	-12.0	-0.1	-21.2	-0.4	-12.3	-0.6*	-12.0	-0.6*	-14.3	-0.6*
Other myeloid	-38.2	-3.3*	-47.5	-4.3*	-29.3	-2.4*	-72.5	-5.5*	-72.3	-5.4*	-72.9	-5.6*
Monocytic:	-15.1	-1.1*	-12.9	-1.5*	-19.2	-0.9	-75.8	-5.5*	-75.4	-5.6*	-76.2	-5.3*
Acute monocytic	20.5	0.3	31.1	0.0	7.3	0.3	-71.1	-4.8*	-69.4	-4.6*	-73.5	-4.9*
Chronic monocytic	-74.8	-	-80.7	-	-71.0	-	-59.2	-2.3*	-55.5	-2.3*	-61.4	-2.1*
Other monocytic	-90.2	-10.1*	-95.0	-	-86.2	-10.1*	-92.0	-10.0*	-94.4	-10.9*	-88.1	-8.5*
Other:	-8.7	-0.3	-5.0	-0.4	-13.0	-0.3	11.8	0.6*	13.1	0.5*	10.3	0.7*
Other acute	-24.5	-0.6	-23.1	-0.5	-20.3	-0.6	-0.1	0.4	1.1	0.3	-0.8	0.4
Other chronic	-27.7	-2.4*	-42.4	-1.7	9.5	-2.5	-28.4	-0.9*	-14.2	-0.5	-42.5	-1.3*
Aleukemic, subleuk & NOS	5.2	-0.1	11.0	-0.2	-8.0	0.0	35.2	1.0*	33.8	0.9*	35.0	1.2*
Ill-defined & unspecified	-15.8	-0.6*	-16.9	-0.7*	-14.2	-0.6*	6.7	0.3	11.7	0.4	1.0	0.1

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.

Table I-11  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
Whites, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
All Sites	22.7	1.0*	23.4	1.1*	19.5	0.8*	-0.2	0.1	-3.8	-0.1	3.6	0.3*
Oral Cavity & Pharynx:	-15.5	-0.7*	-21.5	-1.0*	-7.1	-0.4*	-33.8	-1.8*	-38.8	-2.1*	-25.9	-1.4*
Lip	-57.1	-3.2*	-62.8	-3.7*	-8.7	0.0	-67.6	-5.0*	-74.3	-5.7*	-11.3	-1.5*
Tongue	6.5	0.4*	5.7	0.4*	1.0	0.3	-34.3	-1.8*	-40.9	-2.2*	-22.6	-1.4*
Salivary gland	32.6	0.7*	37.7	0.9*	27.0	0.4	-29.5	-1.3*	-24.8	-1.1*	-36.5	-1.7*
Floor of mouth	-27.2	-1.9*	-31.2	-2.0*	-23.1	-1.8*	-70.1	-4.9*	-74.6	-5.6*	-58.0	-3.7*
Gum & other oral cavity	-18.7	-0.4	-30.1	-0.6	-4.6	-0.4	-29.3	-1.7*	-36.6	-2.2*	-21.3	-1.2*
Nasopharynx	-19.5	-0.9*	-15.6	-1.0*	-32.3	-0.7	-31.2	-1.6*	-35.3	-1.9*	-22.2	-1.1*
Tonsil	-0.5	0.0	13.6	0.4*	-32.8	-1.4*	-45.0	-2.8*	-47.7	-3.0*	-44.0	-2.8*
Oropharynx	-2.1	-0.4	-15.0	-0.3	29.2	-1.1	33.7	0.7*	24.9	0.5*	51.1	1.0*
Hypopharynx	-4.1	-0.9*	-2.0	-0.9*	-18.5	-1.0	-49.5	-3.1*	-53.3	-3.4*	-39.0	-2.6*
Other oral cavity & pharynx	33.1	0.0	44.9	-0.1	7.0	-0.2	-23.8	-0.9*	-26.8	-1.0*	-21.8	-0.8*
Digestive System:	-7.3	-0.4*	-6.6	-0.4*	-10.0	-0.6*	-19.7	-0.9*	-17.1	-0.8*	-24.4	-1.2*
Esophagus	25.4	1.1*	32.4	1.3*	-2.9	0.0	35.3	1.3*	40.6	1.5*	10.1	0.3*
Stomach	-40.4	-2.0*	-40.3	-1.9*	-42.2	-2.3*	-48.1	-2.5*	-48.4	-2.5*	-49.2	-2.7*
Small intestine	59.6	2.4*	69.4	2.4*	49.2	2.2*	8.3	0.4*	14.4	0.6*	0.3	0.1
Colon & Rectum:	-7.9	-0.6*	-6.7	-0.5*	-10.5	-0.8*	-28.3	-1.4*	-24.5	-1.2*	-33.1	-1.7*
Colon	-4.4	-0.4*	-0.7	-0.2	-9.0	-0.7*	-23.6	-1.2*	-17.4	-0.9*	-30.1	-1.6*
Rectum	-15.6	-1.0*	-17.8	-0.9*	-14.4	-1.1*	-47.1	-2.8*	-48.0	-2.8*	-47.5	-2.8*
Anus, anal canal & anorectum	82.5	2.1*	107.3	2.4*	66.3	1.9*	410.7	3.9*	344.7	4.2*	449.4	3.6*
Liver & Intrahep:	80.8	3.1*	97.1	3.3*	44.3	2.4*	52.6	2.3*	63.3	2.6*	33.4	1.7*
Liver	57.6	2.2*	77.2	2.6*	16.3	1.1*	25.7	1.4*	40.8	1.9*	0.1	0.3
Intrahep bile duct	403.0	9.3*	389.2	9.5*	389.4	8.7*	754.9	8.2*	764.2	8.2*	739.3	8.2*
Gallbladder	-46.5	-2.4*	-30.7	-2.0*	-51.3	-2.4*	-49.9	-2.9*	-43.9	-2.5*	-51.1	-2.9*
Other biliary	-10.6	-0.7*	5.0	-0.6*	-24.9	-0.8*	-47.8	-2.7*	-47.1	-2.6*	-48.3	-2.8*
Pancreas	-9.8	-0.4*	-17.5	-0.9*	-2.8	0.0	-4.3	-0.2*	-12.5	-0.6*	4.2	0.2*
Retroperitoneum	-20.6	-0.7*	-15.5	-1.1	-22.4	-0.4	-60.2	-4.5*	-60.5	-4.7*	-59.8	-4.2*
Peritoneum, omentum & mesentery	197.4	6.4*	-0.5	1.2	383.2	9.1*	25.2	1.0	-41.3	-2.0*	71.0	2.8*
Other digestive system	16.8	-0.2	13.1	0.1	24.6	-0.4	-57.2	-4.0*	-55.3	-3.9*	-59.8	-4.2*
Respiratory System:	25.1	0.8*	-7.8	-0.4*	127.7	3.0*	33.6	1.2*	1.7	0.1	146.2	3.6*
Nose, nasal cavity & middle ear	-6.9	-0.3	-7.0	-0.6	-6.7	-0.1	-45.5	-2.6*	-45.0	-2.9*	-46.9	-2.2*
Larynx	-24.9	-1.0*	-31.2	-1.3*	5.1	0.2	-19.0	-0.8*	-28.5	-1.3*	35.2	0.9*
Lung & bronchus	30.6	1.0*	-6.1	-0.4*	142.2	3.2*	37.3	1.3*	3.8	0.1	154.8	3.7*
Pleura	70.3	2.3*	93.5	2.4*	15.6	1.6*	4.6	0.1	21.4	0.6*	-31.9	-1.4*
Trachea & other respiratory organs	-25.9	-1.1*	-31.1	-1.4*	-22.4	-0.6	-71.7	-5.1*	-75.6	-5.7*	-64.7	-4.1*
Bones & joints	28.6	0.7*	21.7	0.6*	37.3	0.7	-50.2	-3.0*	-52.0	-3.2*	-48.9	-2.9*
Soft tissue (incl heart)	22.4	1.0*	12.0	0.8*	35.1	1.2*	62.8	2.0*	50.2	1.8*	75.9	2.1*
Skin (ex basal & squam):	163.5	4.0*	200.7	4.7*	129.4	3.0*	27.9	1.0*	41.1	1.4*	7.5	0.2
Melanomas of skin	157.1	3.5*	190.1	4.2*	128.3	2.9*	40.1	1.2*	56.4	1.7*	18.8	0.5*
Other non-epithelial skin	242.0	6.1*	316.5	5.9*	144.7	4.3*	-6.1	0.0	4.4	0.5	-29.3	-1.3*
Breast	30.7	1.4*	3.9	0.9*	33.1	1.5*	-17.0	-0.5*	-21.6	-0.6*	-16.6	-0.5*

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.

Table I-11 - continued  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
 Whites, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
Female Genital System:	-22.3	-1.0*	-	-	-21.5	-0.9*	-25.5	-1.1*	-	-	-25.2	-1.1*
Cervix uteri	-46.2	-2.1*	-	-	-44.5	-2.0*	-49.6	-2.6*	-	-	-48.0	-2.5*
Corpus uteri	-25.1	-1.5*	-	-	-24.9	-1.5*	-9.3	-0.9*	-	-	-8.5	-0.8*
Uterus, NOS	-39.0	-2.4*	-	-	-36.8	-2.3*	-42.5	-2.2*	-	-	-42.0	-2.2*
Ovary	-2.3	0.4*	-	-	-0.9	0.4*	-11.7	-0.4*	-	-	-12.2	-0.4*
Vagina	-18.0	-1.2*	-	-	-16.8	-1.1*	-31.0	-1.6*	-	-	-29.9	-1.5*
Vulva	21.5	0.6*	-	-	26.0	0.7*	-17.0	-0.7*	-	-	-16.1	-0.6*
Other female genital system	-11.6	-0.2	-	-	-12.6	-0.2	-27.0	-0.9*	-	-	-27.8	-0.9*
Male Genital System:	127.2	4.4*	107.2	3.9*	-	-	-5.0	0.3*	-3.8	0.3	-	-
Prostate	133.5	4.6*	111.5	4.1*	-	-	-1.5	0.4*	-0.9	0.4*	-	-
Testis	72.0	2.0*	69.0	1.9*	-	-	-69.0	-5.2*	-69.4	-5.2*	-	-
Penis	-27.3	-1.4*	-28.4	-1.6*	-	-	-30.6	-1.4*	-32.0	-1.5*	-	-
Other male genital system	0.6	0.8	0.6	0.6	-	-	-18.3	-2.6*	-20.9	-2.8*	-	-
Urinary System:	21.9	0.9*	17.5	0.7*	28.8	1.1*	-6.4	-0.3*	-9.6	-0.4*	-1.1	0.0
Urinary bladder	13.7	0.5*	11.8	0.4*	14.5	0.5*	-22.5	-1.2*	-24.2	-1.2*	-18.3	-0.9*
Kidney & renal pelvis	46.7	1.9*	38.1	1.6*	58.4	2.2*	16.2	0.7*	14.6	0.7*	18.1	0.8*
Ureter	-18.1	-1.2*	-17.6	-1.2*	-21.3	-1.2*	-5.6	-0.6*	-5.2	-0.6*	-7.7	-0.7*
Other urinary system	-8.6	-1.0*	4.4	-0.9	-31.9	-1.8*	-26.6	-2.2*	-13.2	-1.7*	-34.8	-2.4*
Eye & Orbit	-19.7	-0.7*	-27.5	-0.6*	-8.9	-0.7*	-44.3	-2.5*	-40.7	-2.4*	-48.4	-2.8*
Brain & Nervous System:	20.5	0.7*	18.1	0.7*	23.7	0.7*	12.2	0.5*	11.1	0.5*	13.6	0.5*
Brain	21.1	0.7*	18.2	0.6*	25.2	0.7*	37.1	1.3*	36.2	1.2*	38.0	1.3*
Cranial nerves & other nervous system	11.8	0.8*	16.4	0.8	4.9	0.7	-87.9	-11.6*	-88.5	-12.0*	-87.0	-11.2*
Endocrine System:	64.2	1.9*	48.8	1.5*	73.3	2.1*	-14.3	-0.7*	-2.1	-0.2*	-22.2	-1.0*
Thyroid	65.2	1.9*	51.2	1.6*	73.1	2.1*	-21.0	-1.1*	3.5	-0.1	-32.8	-1.7*
Other endocrine & thymus	55.5	1.5*	39.0	1.1*	76.1	1.9*	-5.5	-0.2*	-7.1	-0.3*	-3.7	-0.1
Lymphomas:	57.3	2.2*	54.0	2.3*	60.1	1.9*	21.7	1.2*	21.7	1.2*	21.6	1.2*
Hodgkin's disease	-12.4	-0.2	-25.2	-0.7*	6.1	0.4*	-67.3	-4.3*	-69.0	-4.5*	-65.1	-4.1*
Non-Hodgkin's lymphomas	83.3	2.7*	85.0	3.0*	78.4	2.3*	45.7	1.9*	47.4	2.0*	43.0	1.8*
Multiple myeloma	20.6	0.7*	26.9	0.9*	12.2	0.5*	31.2	1.1*	33.3	1.2*	29.0	1.1*
Leukemias:	-4.9	-0.1	-8.5	-0.2	-1.5	0.0	-9.0	-0.4*	-8.7	-0.4*	-10.1	-0.4*
Lymphocytic:	-9.9	0.0	-17.8	-0.2	-1.0	0.1	-19.0	-0.6*	-18.7	-0.6*	-20.2	-0.6*
Acute lymphocytic	31.2	1.4*	15.0	1.2*	54.0	1.5*	-33.0	-1.5*	-36.7	-1.7*	-27.9	-1.3*
Chronic lymphocytic	-22.7	-0.5*	-26.1	-0.6*	-20.9	-0.5*	7.7	0.6*	9.5	0.6*	2.2	0.5*
Other lymphocytic	-39.3	-2.2*	-50.7	-2.3*	-24.4	-2.3*	-73.5	-5.3*	-74.5	-5.3*	-72.4	-5.4*
Myeloid:	1.3	0.0	2.1	-0.1	-0.5	0.0	-6.8	-0.6*	-6.5	-0.6*	-7.7	-0.6*
Acute myeloid	16.2	0.5*	20.3	0.5*	12.3	0.5	4.1	-0.2	5.3	-0.1	2.8	-0.3
Chronic myeloid	-14.3	-0.1	-14.0	-0.1	-15.9	-0.3	-13.4	-0.6*	-14.0	-0.7*	-14.5	-0.6*
Other myeloid	-36.1	-3.3*	-47.2	-4.4*	-25.4	-2.2*	-72.6	-5.5*	-72.7	-5.4*	-72.8	-5.6*
Monocytic:	-11.5	-1.0*	-17.2	-1.5*	-5.2	-0.6	-75.6	-5.4*	-74.7	-5.6*	-76.7	-5.3*
Acute monocytic	32.0	0.5	30.2	0.2	32.2	0.6	-70.4	-4.7*	-68.5	-4.6*	-73.2	-4.8*
Chronic monocytic	-81.8	-	-89.8	-	-69.2	-	-58.8	-2.2*	-53.1	-2.3*	-62.7	-2.2*
Other monocytic	-92.4	-	-	-	-84.9	-	-92.6	-10.0*	-94.2	-10.8*	-90.0	-8.7*
Other:	-5.0	-0.3	-2.2	-0.4	-7.8	-0.2	12.3	0.6*	13.9	0.5*	9.3	0.7*
Other acute	-22.5	-0.6	-22.3	-0.6	-14.3	-0.5	0.5	0.4	1.6	0.3	-0.6	0.5
Other chronic	-29.7	-2.2*	-46.8	-1.6	11.4	-2.5	-26.7	-0.9*	-11.8	-0.5	-41.5	-1.3*
Aleukemic, subleuk & NOS	10.5	0.0	16.2	-0.2	-3.7	0.1	35.9	1.0*	35.8	0.9*	32.5	1.2*
Ill-defined & unspecified	-17.3	-0.7*	-17.5	-0.7*	-17.0	-0.7*	8.8	0.4	13.7	0.5*	3.1	0.2

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.



Table I-12  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
Blacks, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
All Sites	23.4	1.1★	30.7	1.4★	18.0	0.8★	7.0	0.4★	8.6	0.4★	9.7	0.5★
Oral Cavity & Pharynx:	0.1	-0.3	7.9	0.0	-9.2	-0.9★	-16.5	-0.9★	-13.0	-0.8★	-18.8	-0.8★
Lip	-53.4	-	-78.8	-	-2.1	-	-77.4	-	-89.2	-	-68.6	-
Tongue	-4.0	-0.3	-1.0	0.0	-8.0	-0.9	-26.1	-1.2★	-19.7	-1.2★	-35.8	-0.8★
Salivary gland	-37.9	0.0	-47.5	0.6	-23.2	-0.8	-32.7	-1.8★	-35.5	-1.8★	-19.1	-1.5★
Floor of mouth	10.9	-1.3	0.8	-1.6★	68.9	-0.6	-69.4	-4.8★	-72.7	-4.8★	-49.2	-4.3★
Gum & other oral cavity	-26.5	-0.6	-12.3	-0.1	-44.1	-1.7★	-21.8	-1.3★	-26.0	-1.4★	-8.2	-0.9★
Nasopharynx	10.7	-0.4	8.2	0.3	23.4	-1.7	0.0	-0.5	7.4	-0.2	-11.6	-0.9
Tonsil	17.5	-0.1	52.0	0.6	-24.5	-1.2	-36.1	-1.8★	-33.1	-1.5★	-39.0	-2.3★
Oropharynx	172.5	1.5	129.7	1.2	-	-	127.6	1.8★	139.3	1.8★	121.4	2.2★
Hypopharynx	44.1	-0.2	61.3	0.1	17.1	-0.9	-28.3	-2.6★	-18.8	-2.4★	-50.3	-2.5★
Other oral cavity & pharynx	45.3	0.2	44.1	0.1	56.9	-	15.6	1.0★	21.6	1.2★	9.8	0.8
Digestive System:	3.5	0.0	0.1	0.0	9.7	0.2	-5.9	-0.2★	-5.2	-0.2★	-4.8	-0.1★
Esophagus	-35.6	-1.6★	-37.7	-1.7★	-22.2	-1.0	-23.5	-1.1★	-22.0	-1.1★	-19.6	-0.8★
Stomach	-27.5	-1.2★	-33.3	-1.3★	-15.2	-0.9★	-38.3	-1.7★	-37.2	-1.7★	-36.7	-1.5★
Small intestine	128.0	4.5★	115.3	4.4★	141.4	4.3★	23.1	1.5★	22.3	1.5★	24.1	1.3★
Colon & Rectum:	20.1	0.3	29.4	0.6★	13.1	0.1	5.9	0.2★	17.2	0.6★	-3.0	-0.2★
Colon	24.3	0.4★	29.1	0.6★	21.1	0.3	17.2	0.5★	33.6	1.0★	5.1	0.1
Rectum	9.0	0.1	30.3	0.4	-6.9	-0.3	-36.5	-1.8★	-33.8	-1.6★	-39.5	-2.0★
Anus, anal canal & anorectum	76.9	1.6★	70.7	3.0★	87.9	0.5	424.5	2.6★	1325.4	-	234.4	-
Liver & Intrahep:	59.2	2.4★	47.0	2.4★	91.9	2.5★	34.6	1.4★	41.0	1.4★	28.0	1.6★
Liver	52.6	2.2★	41.7	2.2★	79.2	2.2★	21.2	1.0★	31.2	1.1★	7.3	0.8★
Intrahep bile duct	184.6	-	146.7	-	376.1	-	538.6	6.8★	427.1	6.1★	776.1	7.5★
Gallbladder	-25.3	0.0	-44.6	-0.4	-13.0	0.3	-21.0	-0.5★	-12.5	-0.5	-25.6	-0.6★
Other biliary	89.6	0.9	45.1	1.1	270.7	-	-43.4	-2.1★	-45.9	-2.2★	-40.0	-2.0★
Pancreas	-10.2	-0.2	-21.3	-0.6★	2.3	0.2	12.6	0.4★	2.2	0.0	24.9	0.9★
Retropertitoneum	-51.0	-1.5	-35.6	-1.1	-62.4	-1.5	-68.5	-4.1★	-77.2	-4.5★	-57.9	-3.5★
Peritoneum, omentum & mesentery	360.6	-	82.8	-	704.5	-	-7.0	-1.0	-49.3	-3.2★	17.2	0.4
Other digestive system	5.3	-1.6	2.5	-	21.8	-	-69.1	-4.7★	-66.3	-4.2★	-72.1	-5.1★
Respiratory System:	15.9	0.6★	-0.7	-0.1	100.1	2.8★	34.5	1.2★	15.9	0.7★	138.9	3.4★
Nose, nasal cavity & middle ear	-37.1	-0.2	-47.5	-1.1	-7.2	-	-40.3	-2.1★	-48.9	-2.3★	-16.1	-1.5★
Larynx	-4.0	-0.1	-3.0	-0.2	11.1	1.1	14.3	0.8★	14.0	0.8★	51.1	1.6★
Lung & bronchus	19.0	0.7★	0.1	-0.1	113.9	2.9★	37.3	1.3★	17.1	0.7★	148.8	3.5★
Pleura	5.4	1.9	63.7	2.7★	-39.4	-	-53.6	-2.1★	-37.1	-1.0	-67.8	-3.9★
Trachea & other respiratory organs	-13.0	0.0	-39.5	0.4	132.7	-	-61.7	-3.6★	-57.4	-3.6★	-65.8	-3.5★
Bones & joints	-0.9	0.7	4.6	1.6	-11.5	-0.3	-54.9	-2.9★	-54.9	-2.9★	-55.1	-2.6★
Soft tissue (incl heart)	51.8	1.1★	77.4	1.4	30.0	0.8	90.1	2.5★	66.7	1.9★	109.9	2.9★
Skin (ex basal & squam):	143.6	4.8★	331.9	6.6★	22.7	0.4	12.8	0.8	23.2	1.5★	-0.7	-0.2
Melanomas of skin	64.5	0.8	243.3	2.5	9.5	-0.9	7.4	-0.4	-21.0	-1.2★	34.9	0.3
Other non-epithelial skin	228.2	6.3★	384.5	7.0★	40.0	1.6	17.1	1.6★	55.7	2.6★	-33.3	-0.8
Breast	41.2	1.8★	-49.4	-0.5	37.4	1.7★	19.0	1.0★	-2.9	0.7	14.9	0.9★

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 ★ The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.

Table I-12 - continued  
SEER INCIDENCE AND U.S. MORTALITY TRENDS BY PRIMARY CANCER SITE AND SEX  
 Blacks, 1973-98

Site	Incidence§						US Mortalityδ					
	Total		Males		Females		Total		Males		Females	
	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC	PC	EAPC
Female Genital System:	-26.9	-1.3*	-	-	-29.7	-1.4*	-33.5	-1.4*	-	-	-36.6	-1.7*
Cervix uteri	-58.8	-3.8*	-	-	-60.0	-3.9*	-57.4	-3.2*	-	-	-58.7	-3.3*
Corpus uteri	14.7	0.3	-	-	9.9	0.2	4.2	0.1	-	-	-1.5	-0.1
Uterus, NOS	-26.6	-1.3	-	-	-30.5	-1.4	-35.5	-1.5*	-	-	-38.6	-1.8*
Ovary	4.0	0.4	-	-	0.3	0.3	-3.7	0.0	-	-	-8.6	-0.2
Vagina	-41.0	-2.1*	-	-	-44.0	-2.2*	-24.8	-1.3*	-	-	-28.4	-1.5*
Vulva	6.6	0.0	-	-	5.7	-0.2	-43.4	-1.7*	-	-	-46.2	-1.9*
Other female genital system	-57.4	-1.9	-	-	-57.8	-2.1*	-43.0	-2.1*	-	-	-46.0	-2.4*
Male Genital System:	103.9	4.1*	110.8	4.1*	-	-	10.0	0.7*	22.7	1.2*	-	-
Prostate	106.5	4.2*	113.1	4.1*	-	-	11.7	0.8*	24.5	1.3*	-	-
Testis	20.4	1.2	20.7	1.2	-	-	-39.7	-3.2*	-39.6	-3.2*	-	-
Penis	-41.7	-2.5*	-31.7	-2.0*	-	-	-64.0	-4.7*	-61.1	-4.3*	-	-
Other male genital system	35.7	-	49.6	-	-	-	-63.6	-4.8*	-62.5	-4.7*	-	-
Urinary System:	37.1	1.4*	50.6	1.4*	25.4	1.5*	-0.3	0.0	3.7	0.1	-1.0	0.2
Urinary bladder	15.0	0.1	24.7	0.2	10.0	0.1	-29.2	-1.4*	-28.7	-1.4*	-25.0	-1.1*
Kidney & renal pelvis	64.1	2.9*	70.5	2.9*	59.3	3.0*	55.2	1.8*	66.6	2.0*	44.7	1.8*
Ureter	11.4	-	-	-	-	-	34.3	-0.2	-14.7	-0.6	74.0	0.6
Other urinary system	30.7	0.1	1246.7	-	-53.7	-2.0	-35.8	-2.1*	-65.8	-3.7*	2.1	-0.7
Eye & Orbit	121.2	-0.2	7.5	-	619.2	-	-51.7	-3.3*	-70.8	-4.4*	-20.6	-2.3
Brain & Nervous System:	13.5	0.4	19.6	0.0	9.7	0.7	10.8	0.3*	8.0	0.1	14.9	0.6*
Brain	11.1	0.3	20.3	0.0	4.1	0.7	38.1	1.1*	39.0	1.0*	38.0	1.3*
Cranial nerves & other nervous system	37.5	1.0	12.1	-	60.4	-	-82.4	-9.2*	-87.2	-9.8*	-75.3	-8.2*
Endocrine System:	28.6	1.1*	18.6	0.7	31.0	1.3*	-8.6	-0.3	-15.7	-0.4	-4.7	-0.2
Thyroid	27.6	1.0*	26.5	1.0	26.0	1.0*	-25.2	-1.2*	-31.0	-1.4*	-23.8	-1.3*
Other endocrine & thymus	36.0	1.6	-1.9	0.0	104.0	-	20.6	0.8	1.2	0.2	44.2	1.3*
Lymphomas:	62.1	3.1*	60.0	3.2*	69.4	2.9*	33.8	1.6*	25.1	1.4*	50.1	1.8*
Hodgkin's disease	-14.3	0.6	-36.9	-0.8	25.7	2.6*	-49.0	-2.8*	-55.2	-3.2*	-36.7	-2.2*
Non-Hodgkin's lymphomas	91.2	3.6*	99.8	4.1*	83.9	3.0*	56.3	2.3*	48.9	2.2*	70.2	2.4*
Multiple myeloma	-3.5	0.7*	-16.1	0.3	13.2	1.1*	44.4	1.5*	39.2	1.3*	53.4	1.7*
Leukemias:	-24.9	-0.7*	-21.4	-0.6*	-28.0	-0.8*	0.4	0.1*	1.0	0.3*	2.7	0.1
Lymphocytic:	-31.9	-0.9*	-37.2	-0.9	-24.6	-0.8	-6.6	0.2	-3.2	0.4	-7.7	0.0
Acute lymphocytic	58.1	1.7*	99.0	2.2*	23.4	0.9	-31.3	-0.9*	-30.6	-1.0*	-30.5	-0.6
Chronic lymphocytic	-43.3	-1.5*	-49.5	-1.5*	-31.8	-1.5*	17.4	1.1*	18.9	1.3*	18.1	1.0*
Other lymphocytic	-84.8	-	-86.8	-	-79.3	-	-58.1	-4.5*	-47.3	-3.8*	-67.0	-5.1*
Myeloid:	-9.0	-0.3	6.6	-0.1	-20.0	-0.3	3.6	-0.1	4.9	0.1	3.0	-0.1
Acute myeloid	12.3	0.6	25.0	0.8	1.9	0.5	14.4	0.3	9.4	0.2	22.1	0.4
Chronic myeloid	-20.8	-0.6	8.3	-0.1	-40.2	-1.0	1.3	-0.1	11.5	0.3	-10.5	-0.5
Other myeloid	-68.8	-4.8*	-68.7	-5.8*	-67.5	-	-66.6	-5.1*	-58.0	-4.3*	-73.6	-5.6*
Monocytic:	-19.6	-2.3	-17.7	-3.0	-27.0	-	-72.5	-5.1*	-76.5	-5.4*	-62.3	-4.5*
Acute monocytic	-2.6	-	0.2	-	-11.1	-	-73.8	-4.9*	-73.5	-	-72.0	-5.3*
Chronic monocytic	12.6	-	-	-	-64.4	-	-47.3	-	-47.5	-	-43.1	-
Other monocytic	-	-	-	-	-	-	-78.4	-	-93.5	-	73.1	-
Other:	-48.8	-1.6*	-43.2	-0.9	-57.4	-2.3*	14.1	0.8*	12.3	0.9*	22.5	0.8*
Other acute	-53.7	-1.2	-48.4	-	-59.7	-2.3*	-2.2	0.2	0.9	0.5	-0.6	0.1
Other chronic	-	-	-	-	-	-	-36.9	-0.4	-30.7	0.2	-43.7	-1.0
Aleukemic, subleuk & NOS	-47.6	-2.0*	-45.3	-1.3	-55.9	-2.7	36.5	1.3*	26.8	1.3*	60.3	1.5*
Ill-defined & unspecified	-2.8	-0.2	-10.2	-0.6	9.7	0.2	-3.1	-0.3	4.7	0.0	-10.0	-0.5*

The PC is the Percent Change over the time interval.  
 The EAPC is the Estimated Annual Percent Change over the time interval.  
 § SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* The EAPC is significantly different from zero (p<.05).  
 - Statistic could not be calculated.

Table I-13

## AGE DISTRIBUTION (%) OF INCIDENCE CASES BY SITE, 1994-98

All Races, Both Sexes

Site	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+	All Ages	Cases
All Sites	1.0	3.1	6.3	12.3	18.7	29.1	22.4	7.1	100.0%	569,080
Oral cavity & Pharynx	0.6	3.1	7.7	17.8	22.7	25.9	17.1	5.1	100.0%	13,756
Esophagus	0.0	0.5	2.9	11.6	22.0	32.9	23.0	7.2	100.0%	5,439
Stomach	0.1	1.4	4.2	8.7	15.8	28.1	29.1	12.5	100.0%	10,084
Colon & Rectum	0.0	0.9	3.1	8.4	16.4	29.2	29.7	12.1	100.0%	64,934
Males	0.1	1.0	3.4	9.3	18.7	31.5	27.9	8.2	100.0%	32,582
Females	0.0	0.9	2.9	7.6	14.2	26.9	31.6	16.0	100.0%	32,352
Colon	0.0	0.8	2.7	7.2	15.2	29.0	31.6	13.4	100.0%	47,109
Rectum	0.1	1.3	4.3	11.5	19.7	29.7	24.9	8.6	100.0%	17,825
Liver & Intrahep	1.4	1.2	5.2	13.0	19.3	29.1	23.3	7.6	100.0%	5,905
Pancreas	0.0	0.4	2.4	8.8	16.3	30.3	29.6	12.1	100.0%	13,123
Larynx	0.1	0.4	4.2	14.2	26.7	33.7	17.4	3.3	100.0%	5,019
Lung & Bronchus	0.0	0.3	2.3	9.1	20.8	36.3	25.7	5.6	100.0%	78,426
Males	0.0	0.3	2.2	8.8	21.1	37.0	25.4	5.1	100.0%	44,620
Females	0.0	0.3	2.4	9.4	20.3	35.3	26.1	6.3	100.0%	33,806
Melanomas of skin	0.8	10.3	16.8	19.4	16.7	18.6	13.3	4.3	100.0%	20,280
Breast(females)	0.0	2.1	10.9	21.0	20.0	23.1	17.3	5.6	100.0%	87,204
Cervix uteri	0.3	17.6	25.9	21.6	13.4	11.0	7.4	2.8	100.0%	6,020
Corpus & Uterus, NOS	0.0	1.1	5.9	16.7	24.0	27.5	19.5	5.3	100.0%	16,398
Ovary	1.3	6.2	10.7	18.8	17.8	22.2	16.6	6.4	100.0%	11,049
Prostate	0.0	0.0	0.3	6.1	22.8	41.7	24.0	5.1	100.0%	85,967
Testis	4.8	48.2	31.5	10.8	2.5	1.5	0.6	0.0	100.0%	3,542
Urinary bladder	0.1	0.7	2.6	8.1	16.7	32.6	29.2	10.0	100.0%	24,428
Kidney & Renal pelvis	2.2	1.4	6.0	14.8	21.4	28.4	20.0	5.8	100.0%	13,263
Brain & Other nervous	12.8	10.3	11.2	13.5	15.7	19.6	13.4	3.5	100.0%	7,985
Thyroid	2.3	22.9	23.6	20.6	13.1	10.5	5.5	1.5	100.0%	8,118
Hodgkin's disease	12.4	36.0	17.2	11.5	7.8	7.4	6.4	1.3	100.0%	3,609
Non-Hodgkin's lymphomas	1.7	6.0	10.1	13.4	16.0	24.1	21.7	6.9	100.0%	23,346
Multiple myeloma	0.0	0.6	3.3	10.3	17.4	30.5	28.6	9.3	100.0%	6,571
Leukemias	9.7	5.0	5.9	9.8	13.0	24.1	22.6	9.9	100.0%	14,637
Acute lymphocytic	63.1	10.2	5.2	5.4	4.6	5.8	4.0	1.7	100.0%	1,725
Chronic lymphocytic	0.0	0.3	2.4	9.3	16.6	31.8	27.5	12.0	100.0%	4,325
Acute myeloid	5.0	6.2	7.3	10.7	12.9	25.7	23.5	8.8	100.0%	3,994
Chronic myeloid	1.6	8.1	9.7	11.4	13.0	23.2	22.9	10.0	100.0%	2,055
All other leukemias	4.2	4.8	7.1	10.7	13.0	21.7	24.8	13.7	100.0%	2,538

Source: SEER Program.

Table I-14  
MEDIAN AGE OF CANCER PATIENTS AT DIAGNOSIS, 1994-98  
 By Primary Cancer Site, Race and Sex

Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	68.0	68.0	67.0	68.0	69.0	68.0	64.0	65.0	63.0
Oral Cavity & Pharynx:	64.0	63.0	66.0	65.0	64.0	68.0	57.0	57.0	59.0
Lip	69.0	68.0	71.0	69.0	69.0	72.0	66.0	55.0	68.5
Tongue	62.0	61.0	65.0	63.0	62.0	66.0	58.0	57.0	58.0
Salivary gland	64.0	66.0	60.0	66.0	67.0	64.0	57.0	59.0	50.0
Floor of mouth	63.0	61.0	67.0	64.0	62.0	68.0	55.0	54.0	58.5
Gum & other oral cavity	66.0	63.0	70.0	67.0	64.0	71.0	58.0	58.0	62.0
Nasopharynx	55.0	54.0	57.0	60.0	59.0	63.5	52.0	48.0	58.5
Tonsil	59.0	58.0	63.0	60.0	58.0	64.0	55.0	55.0	53.5
Oropharynx	64.5	62.0	67.0	65.0	65.0	67.0	58.0	56.0	65.5
Hypopharynx	65.0	65.0	67.0	66.0	65.0	69.0	61.0	61.0	60.0
Other oral cavity & pharynx	66.0	66.0	69.0	68.0	66.0	71.0	62.0	62.0	64.0
Digestive System:	72.0	70.0	74.0	72.0	70.0	74.0	67.0	65.0	69.0
Esophagus	69.0	67.0	72.0	70.0	68.0	74.0	63.0	61.0	65.0
Stomach	72.0	71.0	74.0	73.0	71.0	75.0	69.0	67.0	73.0
Small intestine	68.0	65.0	70.0	69.0	67.0	71.0	60.0	58.5	61.0
Colon & Rectum:	72.0	70.0	74.0	73.0	71.0	75.0	68.0	67.0	69.0
Colon	73.0	71.0	75.0	74.0	72.0	75.0	69.0	68.0	70.0
Rectum	69.0	68.0	71.0	70.0	69.0	72.0	65.0	63.0	66.0
Anus, anal canal & anorectum	63.0	59.0	66.0	65.0	61.0	67.0	52.0	45.0	58.0
Liver & Intrahep:	68.0	66.0	72.0	70.0	68.0	73.0	63.0	59.0	69.0
Liver	67.0	66.0	71.0	69.0	68.0	72.0	62.0	59.0	69.0
Intrahep bile duct	73.0	70.0	76.0	74.0	70.0	76.0	71.0	69.0	75.0
Gallbladder	73.0	72.0	74.0	74.0	73.0	74.0	69.0	69.0	70.0
Other biliary	73.0	72.0	74.0	74.0	73.0	75.0	68.0	67.0	72.0
Pancreas	72.0	70.0	74.0	73.0	70.0	75.0	69.0	66.0	71.0
Retropertitoneum	61.0	63.0	58.0	61.5	64.0	60.0	49.5	37.5	53.0
Peritoneum, omentum & mesentery	67.0	66.0	68.0	68.0	65.0	68.0	66.5	69.0	66.0
Other digestive system	75.0	73.0	77.0	75.0	73.0	78.0	69.0	68.5	69.0
Respiratory System:	69.0	69.0	70.0	70.0	70.0	70.0	65.0	65.0	66.0
Nose, nasal cavity & middle ear	67.0	64.0	70.0	68.0	66.0	71.0	61.0	60.0	63.0
Larynx	66.0	66.0	65.0	66.0	66.0	66.0	61.0	61.0	61.5
Lung & bronchus	70.0	69.0	70.0	70.0	70.0	70.0	66.0	66.0	66.0
Pleura	72.0	72.0	72.0	72.0	72.0	72.0	71.0	72.0	67.0
Trachea & other respiratory organs	47.0	42.0	57.0	49.5	45.5	59.0	47.0	47.0	49.5
Bones & joints	36.0	32.0	40.5	38.0	34.0	42.0	31.0	29.0	32.5
Soft tissue (incl heart)	56.0	54.0	58.0	58.0	57.0	59.5	46.5	44.0	50.0
Skin (ex basal & squam):	54.0	56.0	53.0	55.0	57.0	53.0	39.0	38.0	46.0
Melanomas of skin	56.0	59.0	52.0	56.0	60.0	52.0	61.0	63.0	57.0
Other non-epithelial skin	45.0	42.0	65.0	47.0	44.0	68.0	37.0	36.5	42.0
Breast	63.0	68.0	63.0	64.0	68.5	64.0	57.0	64.0	57.0

§ SEER Program.  
 - Statistic could not be calculated.

Table I-14 - continued  
MEDIAN AGE OF CANCER PATIENTS AT DIAGNOSIS, 1994-98  
 By Primary Cancer Site, Race and Sex

Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	62.0	-	62.0	63.0	-	63.0	60.0	-	60.0
Cervix uteri	47.0	-	47.0	46.0	-	46.0	48.0	-	48.0
Corpus uteri	65.0	-	65.0	66.0	-	66.0	65.0	-	65.0
Uterus, NOS	69.0	-	69.0	70.0	-	70.0	67.0	-	67.0
Ovary	62.0	-	62.0	63.0	-	63.0	61.0	-	61.0
Vagina	70.0	-	70.0	71.0	-	71.0	69.0	-	69.0
Vulva	72.0	-	72.0	72.5	-	72.5	61.5	-	61.5
Other female genital system	63.0	-	63.0	64.0	-	64.0	55.0	-	55.0
Male Genital System:	69.0	69.0	-	69.0	69.0	-	67.0	67.0	-
Prostate	70.0	70.0	-	70.0	70.0	-	68.0	68.0	-
Testis	34.0	34.0	-	34.0	34.0	-	34.5	34.5	-
Penis	69.0	69.0	-	70.0	70.0	-	69.0	69.0	-
Other male genital system	67.0	67.0	-	66.0	66.0	-	67.0	67.0	-
Urinary System:	70.0	70.0	71.0	70.0	70.0	71.0	66.0	65.0	68.0
Urinary bladder	72.0	71.0	73.0	72.0	71.0	73.0	70.0	69.0	73.0
Kidney & renal pelvis	66.0	65.0	68.0	67.0	66.0	68.0	60.0	59.0	62.0
Ureter	73.0	72.0	75.0	73.0	72.0	75.0	74.0	71.5	74.0
Other urinary system	73.0	72.0	74.0	74.0	73.0	75.0	66.0	66.5	66.0
Eye & Orbit	60.0	61.0	58.0	62.0	63.5	61.0	2.0	4.0	2.0
Brain & Nervous System:	56.0	54.0	58.0	57.0	55.0	59.0	45.0	45.0	45.0
Brain	56.0	55.0	59.0	58.0	56.0	60.0	44.0	45.0	43.0
Cranial nerves & other nervous system	48.0	44.5	51.0	47.0	45.0	50.0	50.0	42.0	55.5
Endocrine System:	45.0	50.0	43.0	45.0	50.0	43.0	46.0	49.5	46.0
Thyroid	45.0	50.0	43.0	45.0	50.0	43.0	46.0	48.0	45.0
Other endocrine & thymus	48.0	46.0	52.0	48.0	45.0	52.5	49.0	51.0	47.5
Lymphomas:	63.0	60.0	67.0	64.0	61.0	68.0	47.0	45.0	52.0
Hodgkin's disease	35.0	36.0	34.0	36.0	37.0	34.0	31.0	33.0	30.5
Non-Hodgkin's lymphomas	66.0	62.0	69.0	67.0	64.0	70.0	50.0	47.0	58.0
Multiple myeloma	71.0	70.0	72.0	72.0	70.0	73.0	68.0	67.0	68.0
Leukemias:	68.0	67.0	69.0	69.0	68.0	70.0	60.0	59.0	61.0
Lymphocytic:	67.0	65.0	69.0	68.0	66.0	69.0	59.5	57.5	63.5
Acute lymphocytic	11.0	11.0	10.0	11.0	12.0	10.0	11.0	11.0	11.0
Chronic lymphocytic	72.0	70.0	74.0	72.0	71.0	74.0	69.0	67.5	72.0
Other lymphocytic	70.0	70.0	73.0	73.0	71.0	74.5	57.0	57.0	57.0
Myeloid:	68.0	68.0	68.0	69.0	68.0	69.0	58.0	59.5	56.0
Acute myeloid	68.0	68.0	68.0	69.0	69.0	70.0	56.0	61.0	53.0
Chronic myeloid	68.0	67.0	69.0	69.0	68.0	70.0	61.0	60.0	61.5
Other myeloid	58.0	58.0	55.5	60.0	60.5	59.0	39.0	35.0	58.0
Monocytic:	66.0	68.0	65.0	67.5	69.0	66.0	67.0	61.0	85.0
Acute monocytic	64.5	66.0	61.5	66.0	66.0	65.0	60.5	58.0	72.5
Chronic monocytic	71.5	69.5	86.5	69.0	69.0	74.0	85.0	72.0	87.5
Other monocytic	80.0	74.0	86.0	80.5	76.0	86.0	-	-	-
Other:	72.0	70.0	75.0	72.0	70.0	76.0	65.0	62.0	69.5
Other acute	76.0	74.5	77.0	76.0	75.0	77.0	70.5	65.0	73.0
Other chronic	79.5	81.0	74.5	79.5	81.0	75.0	69.5	90.0	49.0
Aleukemic, subleuk & NOS	68.0	65.0	72.0	68.0	66.0	72.0	58.0	50.0	64.0
Ill-defined & unspecified	73.0	71.0	75.0	74.0	71.0	76.0	68.0	64.0	70.0

§ SEER Program.  
 - Statistic could not be calculated.

Table I-15

## AGE DISTRIBUTION (%) OF DEATHS BY SITE, 1994-98

All Races, Both Sexes

Site	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+	All Ages	Cases
All Sites	0.4	1.1	3.2	8.3	16.2	29.7	28.6	12.5	100.0%	2,693,324
Oral cavity & Pharynx	0.2	0.9	4.0	12.9	21.9	28.8	21.5	9.9	100.0%	39,685
Esophagus	0.0	0.3	2.3	10.4	21.4	33.0	24.5	8.1	100.0%	56,057
Stomach	0.0	1.1	3.6	7.9	14.4	26.8	30.2	15.9	100.0%	66,568
Colon & Rectum	0.0	0.6	2.2	6.4	13.7	27.2	31.4	18.6	100.0%	285,472
Males	0.0	0.7	2.3	7.3	16.1	30.8	30.3	12.5	100.0%	140,967
Females	0.0	0.5	2.0	5.5	11.4	23.7	32.4	24.4	100.0%	144,505
Colon	0.0	0.5	2.0	6.1	13.3	27.0	31.9	19.0	100.0%	245,218
Rectum	0.0	0.9	3.0	8.3	16.1	28.1	28.1	15.6	100.0%	40,254
Liver & Intrahep	0.5	0.9	3.6	9.9	17.0	30.0	27.6	10.6	100.0%	57,518
Pancreas	0.0	0.2	1.9	7.1	15.7	30.1	31.1	13.9	100.0%	136,865
Larynx	0.0	0.1	2.1	10.8	24.2	33.6	22.9	6.3	100.0%	19,412
Lung & Bronchus	0.0	0.2	1.7	7.7	19.7	36.3	27.3	7.0	100.0%	760,026
Males	0.0	0.2	1.7	7.7	20.3	37.1	26.7	6.2	100.0%	457,845
Females	0.0	0.2	1.8	7.6	18.8	34.9	28.3	8.3	100.0%	302,181
Melanomas of skin	0.2	3.8	9.9	14.8	16.8	23.8	21.4	9.2	100.0%	35,533
Breast(females)	0.0	1.3	7.3	15.0	17.6	23.9	22.4	12.6	100.0%	214,256
Cervix uteri	0.0	6.8	17.4	20.6	16.6	17.5	13.9	7.1	100.0%	22,484
Corpus & Uterus, NOS	0.0	0.4	1.9	6.3	15.0	30.2	30.4	15.9	100.0%	31,319
Ovary	0.1	0.9	3.5	10.6	17.5	28.7	27.4	11.2	100.0%	66,899
Prostate	0.0	0.0	0.1	1.1	6.5	25.6	42.2	24.6	100.0%	168,590
Testis	2.6	37.7	29.0	12.0	7.2	5.7	4.4	1.4	100.0%	1,694
Urinary bladder	0.0	0.1	0.9	3.5	9.6	26.0	37.1	22.8	100.0%	57,043
Kidney & Renal pelvis	0.6	0.7	3.1	10.4	18.8	29.3	26.6	10.7	100.0%	55,705
Brain & Other nervous	4.4	4.7	8.4	14.0	18.9	26.2	18.6	4.6	100.0%	61,890
Thyroid	0.2	1.1	2.5	7.4	14.4	27.6	31.4	15.5	100.0%	5,770
Hodgkin's disease	2.3	18.7	14.5	12.2	11.1	18.2	17.1	6.0	100.0%	7,033
Non-Hodgkin's lymphomas	0.6	2.6	4.7	8.1	13.9	26.9	30.6	12.7	100.0%	114,044
Multiple myeloma	0.0	0.2	1.5	6.4	15.3	31.0	32.7	12.8	100.0%	50,997
Leukemias	3.7	3.9	4.2	6.7	11.9	25.0	29.6	15.0	100.0%	101,603
Acute lymphocytic	24.2	15.8	8.9	8.9	9.7	13.8	12.7	5.9	100.0%	6,971
Chronic lymphocytic	0.0	0.1	0.6	3.3	10.5	26.3	35.3	23.9	100.0%	20,980
Acute myeloid	3.2	4.6	5.4	8.4	13.9	27.6	27.7	9.2	100.0%	31,137
Chronic myeloid	1.4	5.4	7.6	10.7	14.3	24.0	25.0	11.6	100.0%	11,454
All other leukemias	2.8	2.6	3.3	5.5	10.5	24.4	33.1	17.9	100.0%	31,061

Source: NCHS public use tape.

Table I-16  
MEDIAN AGE OF CANCER PATIENTS AT DEATH<sup>δ</sup>, 1994-98  
 By Primary Cancer Site, Race and Sex

Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	72.0	71.0	72.0	72.0	72.0	73.0	68.0	68.0	68.0
Oral Cavity & Pharynx:	68.0	66.0	72.0	69.0	67.0	73.0	61.0	60.0	64.0
Lip	77.0	75.0	82.0	77.0	75.0	83.0	72.0	68.0	72.0
Tongue	67.0	65.0	72.0	69.0	66.0	73.0	60.0	59.0	62.0
Salivary gland	73.0	72.0	73.0	73.0	73.0	74.0	66.0	66.0	65.0
Floor of mouth	67.0	64.0	71.0	68.0	66.0	72.0	61.0	60.0	66.0
Gum & other oral cavity	72.0	67.0	77.0	73.0	69.0	78.0	62.0	60.0	69.0
Nasopharynx	64.0	61.0	67.0	66.0	65.0	69.0	57.0	55.0	61.5
Tonsil	64.0	62.0	68.0	66.0	64.0	69.0	58.0	57.0	62.0
Oropharynx	67.0	65.0	72.0	69.0	67.0	74.0	61.0	59.0	64.0
Hypopharynx	67.0	66.0	68.0	68.0	67.0	70.0	61.0	60.0	65.0
Other oral cavity & pharynx	68.0	67.0	71.0	69.0	68.0	72.0	62.0	61.0	64.0
Digestive System:	73.0	71.0	76.0	74.0	72.0	76.0	70.0	67.0	72.0
Esophagus	69.0	68.0	73.0	70.0	69.0	75.0	64.0	64.0	67.0
Stomach	73.0	72.0	76.0	74.0	72.0	77.0	71.0	69.0	74.0
Small intestine	71.0	70.0	73.0	72.0	70.0	73.0	66.0	64.0	67.0
Colon & Rectum	74.0	72.0	77.0	75.0	73.0	77.0	71.0	69.0	73.0
Anus, anal canal & anorectum	68.0	63.0	70.0	68.0	64.0	71.0	62.0	55.0	67.5
Liver & Intrahep:	71.0	69.0	74.0	72.0	70.0	75.0	66.0	63.0	71.0
Liver	70.0	69.0	74.0	72.0	70.0	75.0	66.0	63.0	71.0
Intrahep bile duct	73.0	71.0	74.0	73.0	72.0	74.0	69.0	68.5	70.0
Gallbladder	74.0	74.0	75.0	75.0	74.0	75.0	71.0	70.0	72.0
Other biliary	76.0	75.0	78.0	76.0	75.0	78.0	73.0	70.0	75.0
Pancreas	73.0	71.0	75.0	73.0	71.0	76.0	70.0	68.0	73.0
Retroperitoneum	70.0	69.0	72.0	71.0	70.0	73.0	66.0	61.0	67.0
Peritoneum, omentum & mesentery	70.0	68.0	71.0	71.0	68.0	71.0	69.0	65.0	71.0
Other digestive system	79.0	74.0	82.0	80.0	75.0	83.0	73.0	70.0	77.0
Respiratory System:	70.0	70.0	71.0	71.0	70.0	71.0	67.0	67.0	68.0
Nose, nasal cavity & middle ear	70.0	68.0	74.0	71.0	69.0	74.0	65.0	63.0	72.5
Larynx	68.0	68.0	69.0	69.0	69.0	70.0	64.0	63.0	65.0
Lung & bronchus	70.0	70.0	71.0	71.0	71.0	71.0	67.0	67.0	68.0
Pleura	73.0	72.5	74.0	73.0	73.0	74.0	70.0	69.5	73.5
Trachea & other respiratory organs	68.0	65.0	72.0	69.0	66.0	72.0	63.0	59.0	70.0
Bones & joints	61.0	57.0	66.0	63.0	59.0	68.0	53.0	52.0	55.0
Soft tissue (incl heart)	66.0	64.0	67.0	67.0	66.0	68.0	57.0	51.0	61.0
Skin (ex basal & squam):	68.0	67.0	70.0	68.0	68.0	70.0	64.0	60.0	70.0
Melanomas of skin	67.0	66.0	68.0	67.0	66.0	68.0	70.0	65.0	73.0
Other non-epithelial skin	74.0	71.0	79.0	75.0	72.0	79.0	60.0	58.0	67.0
Breast	69.0	71.0	68.0	70.0	72.0	70.0	61.0	69.0	61.0

δ U.S. Mortality, NCHS public use tape.  
 - Statistic could not be calculated.

Table I-16 - continued  
MEDIAN AGE OF CANCER PATIENTS AT DEATH<sup>δ</sup>, 1994-98  
 By Primary Cancer Site, Race and Sex

Site	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	71.0	-	71.0	71.0	-	71.0	68.0	-	68.0
Cervix uteri	58.0	-	58.0	58.0	-	58.0	57.0	-	57.0
Corpus uteri	73.0	-	73.0	73.0	-	73.0	71.0	-	71.0
Uterus, NOS	74.0	-	74.0	75.0	-	75.0	71.0	-	71.0
Ovary	71.0	-	71.0	71.0	-	71.0	69.0	-	69.0
Vagina	75.0	-	75.0	76.0	-	76.0	71.5	-	71.5
Vulva	79.0	-	79.0	80.0	-	80.0	72.0	-	72.0
Other female genital system	70.0	-	70.0	71.0	-	71.0	64.0	-	64.0
Male Genital System:	78.0	78.0	-	79.0	79.0	-	76.0	76.0	-
Prostate	79.0	79.0	-	79.0	79.0	-	76.0	76.0	-
Testis	38.0	38.0	-	38.0	38.0	-	38.0	38.0	-
Penis	70.0	70.0	-	70.0	70.0	-	68.5	68.5	-
Other male genital system	71.0	71.0	-	72.0	72.0	-	59.0	59.0	-
Urinary System:	74.0	73.0	76.0	74.0	73.0	76.0	71.0	69.0	73.0
Urinary bladder	77.0	76.0	79.0	77.0	76.0	80.0	75.0	74.0	77.0
Kidney & renal pelvis	70.0	69.0	73.0	71.0	69.0	73.0	66.0	65.0	69.0
Ureter	76.0	74.0	78.0	76.0	75.0	78.0	76.0	70.0	78.0
Other urinary system	74.0	74.0	75.0	76.0	75.0	78.0	68.0	69.0	68.0
Eye & Orbit	70.0	69.0	72.0	71.0	69.0	73.0	56.0	56.0	57.5
Brain & Nervous System:	64.0	62.0	66.0	65.0	63.0	67.0	58.0	56.0	60.0
Brain	64.0	62.0	66.0	65.0	63.0	67.0	58.0	56.0	60.0
Cranial nerves & other nervous system	65.0	63.0	68.0	66.0	64.0	69.0	58.0	53.0	61.0
Endocrine System:	69.0	65.0	72.0	69.0	66.0	72.0	62.0	53.0	67.0
Thyroid	74.0	70.0	76.0	74.0	70.0	76.0	70.5	66.0	73.0
Other endocrine & thymus	56.0	54.0	58.0	58.0	56.0	59.0	47.0	38.5	54.5
Lymphomas:	72.0	70.0	74.0	73.0	70.0	75.0	62.0	58.0	66.0
Hodgkin's disease	57.0	53.0	63.0	59.0	55.0	65.0	41.0	41.0	41.0
Non-Hodgkin's lymphomas	72.0	70.0	75.0	73.0	71.0	75.0	63.0	60.0	68.0
Multiple myeloma	73.0	72.0	74.0	74.0	73.0	75.0	70.0	69.0	71.0
Leukemias:	73.0	72.0	74.0	73.0	72.0	75.0	67.0	65.0	69.0
Lymphocytic:	74.0	72.0	77.0	75.0	73.0	78.0	69.0	67.0	71.0
Acute lymphocytic	46.0	40.0	53.0	48.0	42.0	56.0	34.0	31.0	41.0
Chronic lymphocytic	77.0	75.0	80.0	78.0	75.0	81.0	73.0	71.0	76.0
Other lymphocytic	77.0	75.0	80.0	77.0	76.0	80.0	73.0	71.5	74.0
Myeloid:	70.0	70.0	71.0	71.0	70.0	72.0	62.0	61.0	64.0
Acute myeloid	70.0	70.0	71.0	71.0	70.0	72.0	64.0	64.0	64.0
Chronic myeloid	70.0	68.0	72.0	71.0	69.0	72.0	58.0	56.0	62.0
Other myeloid	76.0	75.0	78.0	77.0	76.0	79.0	72.5	66.0	73.5
Monocytic:	74.0	73.0	76.0	75.0	74.0	77.0	65.0	67.0	58.0
Acute monocytic	73.0	72.0	75.0	74.0	72.0	75.0	61.0	65.0	54.5
Chronic monocytic	81.0	80.0	83.0	82.0	80.5	84.0	73.0	73.0	76.5
Other monocytic	78.0	77.0	80.0	79.0	77.0	80.0	71.0	71.5	71.0
Other:	75.0	73.0	76.0	75.0	74.0	77.0	69.0	68.0	71.0
Other acute	74.0	73.0	75.0	74.0	73.0	75.0	70.0	69.0	71.0
Other chronic	79.0	77.0	82.0	80.0	78.0	82.0	72.0	70.0	76.0
Aleukemic, subleuk & NOS	75.0	74.0	78.0	76.0	74.0	78.0	69.0	67.0	71.0
Ill-defined & unspecified	73.0	71.0	75.0	73.0	71.0	75.0	68.0	66.0	71.0

δ U.S. Mortality, NCHS public use tape.  
 - Statistic could not be calculated.



Table I-17

Lifetime Risk (Percent) of Being Diagnosed With Cancer By Site, Race and Sex

11 SEER Areas, 1996-98

Site	All Races		Whites		Blacks	
	Males	Females	Males	Females	Males	Females
All Sites	43.39	38.25	43.18	39.12	40.41	32.29
Invasive and In Situ	44.82	41.42	44.64	42.36	41.16	34.51
Oral cavity and Pharynx	1.45	0.71	1.45	0.72	1.42	0.59
Esophagus	0.72	0.26	0.71	0.25	0.87	0.41
Stomach	1.27	0.77	1.10	0.63	1.45	1.08
Colon and Rectum	5.95	5.63	6.00	5.64	4.73	5.31
Invasive and In Situ	6.28	5.90	6.34	5.90	5.02	5.61
Liver and Intrahepatic bile duct	0.80	0.40	0.65	0.33	0.68	0.38
Pancreas	1.20	1.26	1.19	1.22	1.23	1.53
Larynx	0.67	0.17	0.67	0.17	0.83	0.23
Invasive and In Situ	0.73	0.18	0.73	0.19	0.88	0.24
Lung and Bronchus	7.85	5.75	7.83	6.04	8.47	5.06
Melanomas of skin	1.72	1.22	1.97	1.40	0.11	0.08
Invasive and In Situ	2.62	1.84	2.95	2.08	0.15	0.12
Breast	0.11	13.24	0.12	13.83	0.11	10.14
Invasive and In Situ	0.13	15.42	0.13	16.07	0.13	11.87
Cervix uteri	-	0.85	-	0.78	-	1.07
Corpus and Uterus, NOS	-	2.69	-	2.87	-	1.75
Invasive and In Situ	-	2.74	-	2.93	-	1.78
Ovary	-	1.71	-	1.82	-	1.05
Prostate	16.03	-	15.53	-	18.26	-
Testis	0.35	-	0.41	-	0.08	-
Urinary bladder(Invasive and In Situ)	3.42	1.13	3.79	1.20	1.30	0.75
Kidney and Renal pelvis	1.39	0.83	1.44	0.86	1.14	0.80
Brain and Other nervous system	0.65	0.53	0.72	0.59	0.31	0.30
Thyroid	0.28	0.77	0.29	0.79	0.12	0.40
Hodgkin's disease	0.23	0.20	0.26	0.22	0.18	0.15
Non-Hodgkin's lymphomas	2.10	1.76	2.20	1.84	1.28	1.05
Multiple myeloma	0.66	0.55	0.64	0.51	0.87	0.99
Leukemias	1.42	1.05	1.50	1.10	0.87	0.71

Note: Invasive cancer only unless specified otherwise.

Table I-18

Lifetime Risk (Percent) of Dying From Cancer By Site, Race and Sex

Total U.S., 1996-98

Site	All Races		Whites		Blacks	
	Males	Females	Males	Females	Males	Females
All Sites	23.92	20.42	23.95	20.61	24.72	20.15
Oral cavity and Pharynx	0.42	0.21	0.40	0.22	0.58	0.20
Esophagus	0.70	0.23	0.68	0.21	0.92	0.35
Stomach	0.66	0.44	0.60	0.39	0.97	0.71
Colon and Rectum	2.43	2.40	2.45	2.38	2.34	2.65
Liver and Intrahepatic bile duct	0.60	0.36	0.56	0.35	0.65	0.39
Pancreas	1.13	1.17	1.13	1.15	1.13	1.39
Larynx	0.25	0.06	0.23	0.06	0.43	0.09
Lung and Bronchus	7.61	4.84	7.67	5.02	7.68	3.98
Melanomas of skin	0.35	0.20	0.40	0.23	0.03	0.05
Breast	0.03	3.20	0.03	3.21	0.04	3.43
Cervix uteri	-	0.30	-	0.27	-	0.56
Corpus and Uterus, NOS	-	0.51	-	0.49	-	0.73
Ovary	-	1.04	-	1.08	-	0.75
Prostate	3.22	-	3.03	-	4.86	-
Testis	0.02	-	0.02	-	0.01	-
Urinary bladder	0.72	0.33	0.77	0.33	0.38	0.34
Kidney and Renal pelvis	0.57	0.35	0.59	0.36	0.43	0.28
Brain and Other nervous system	0.50	0.41	0.54	0.45	0.23	0.22
Thyroid	0.04	0.06	0.04	0.06	0.02	0.06
Hodgkin's disease	0.05	0.04	0.05	0.05	0.04	0.03
Non-Hodgkin's lymphomas	0.99	0.89	1.05	0.95	0.55	0.48
Multiple myeloma	0.45	0.40	0.43	0.37	0.64	0.68
Leukemias	0.94	0.73	0.98	0.75	0.65	0.56

Table I-19

ESTIMATED UNITED STATES CANCER PREVALENCE, 1997

All Races, By Sex

Primary Site	Estimated Prevalence		
	Total	Males	Females
All Sites	8,918,000	3,756,000	5,162,000
Brain and Other Nervous System	99,000	54,000	45,000
Breast	2,181,000	14,000	2,167,000
Cervix Uteri	209,000	0	209,000
Colon	853,000	394,500	458,500
Corpus Uteri	569,000	0	569,000
Hodgkin's Disease	168,000	89,000	79,000
Kidney and Renal Pelvis	224,000	136,000	88,000
Larynx	126,000	100,000	26,000
Leukemias	158,000	88,000	70,000
Lung and Bronchus	413,000	206,000	207,000
Melanomas of Skin	544,000	266,000	278,000
Non-Hodgkin's Lymphoma	332,000	166,000	166,000
Oral Cavity and Pharynx	208,000	127,000	81,000
Ovary	203,000	0	203,000
Pancreas	27,000	13,500	13,500
Prostate	1,247,000	1,247,000	0
Rectum	370,000	196,000	174,000
Stomach	77,000	43,000	34,000
Testis	142,000	142,000	0
Thyroid	233,000	57,000	176,000
Urinary Bladder	619,000	450,000	169,000
Childhood (0-14 yrs)	174,000	89,000	85,000

Source: U.S. 1997 cancer prevalence rates are based on 1997 cancer prevalence rates from the Connecticut registry of the SEER program and 1/1/1997 population estimates based on the average of 1996 and 1997 population estimates from the U.S. Bureau of the Census. Connecticut prevalence rates are based on 1940-1996 cancer incidence and survival rates. These estimates can not be compared to previous estimates.

# Surveillance, Epidemiology, and End Results Program, 2001 National Cancer Institute U.S.A.

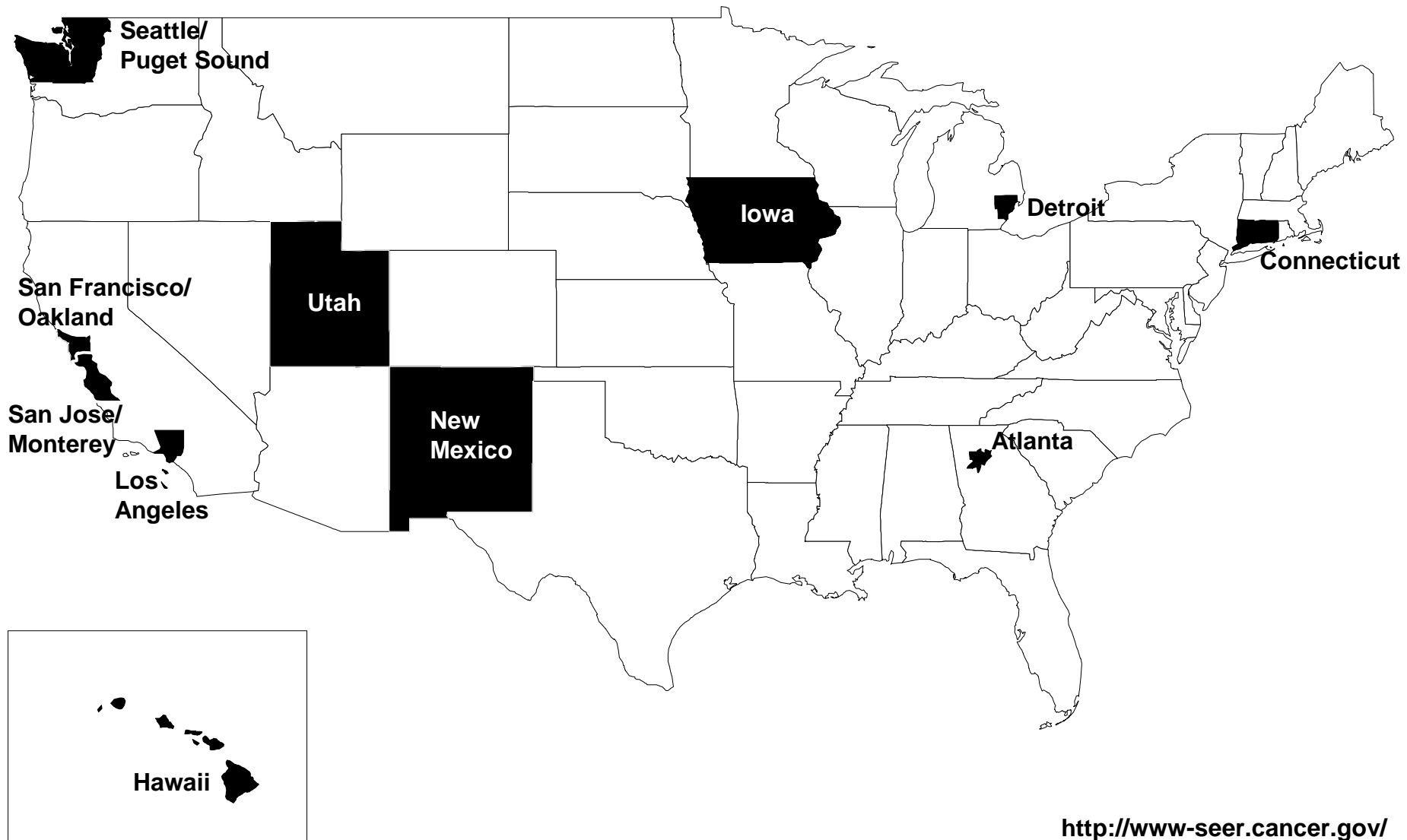


Figure I-1

# Leading Causes of Death in U.S. Percent of All Causes of Death 1973 vs. 1998

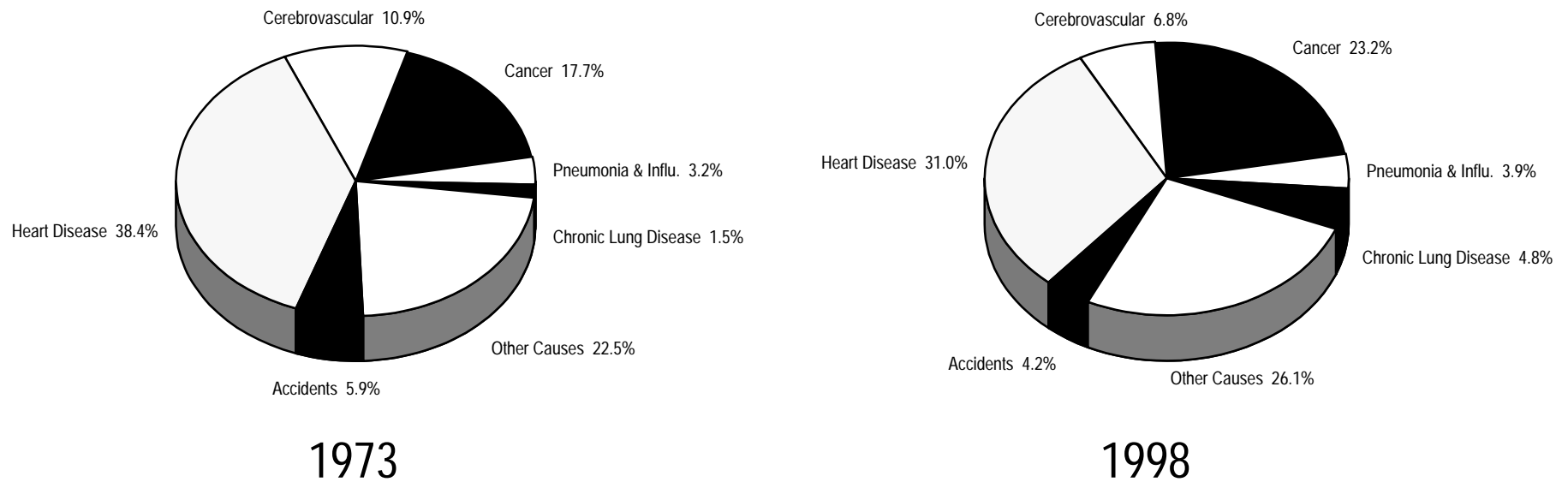
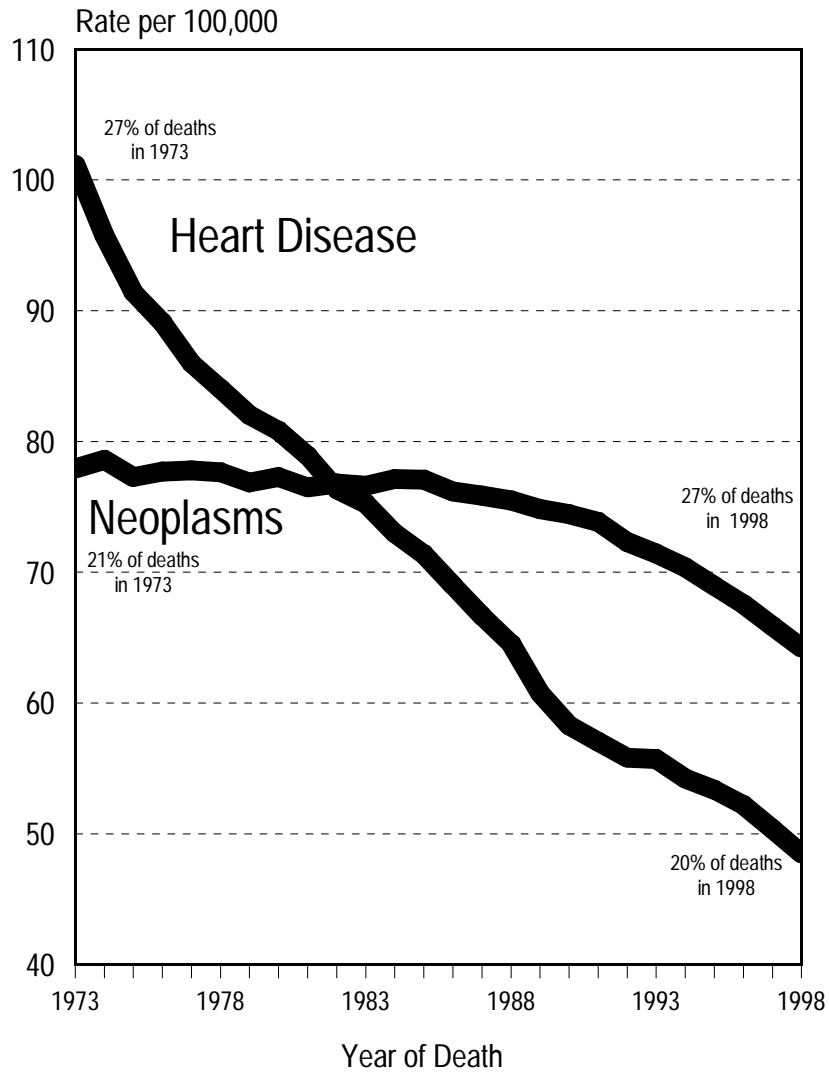


Figure I-2

# U.S. Mortality Rates 1973 - 1998

## Ages Less Than 65



## Ages 65 and Over

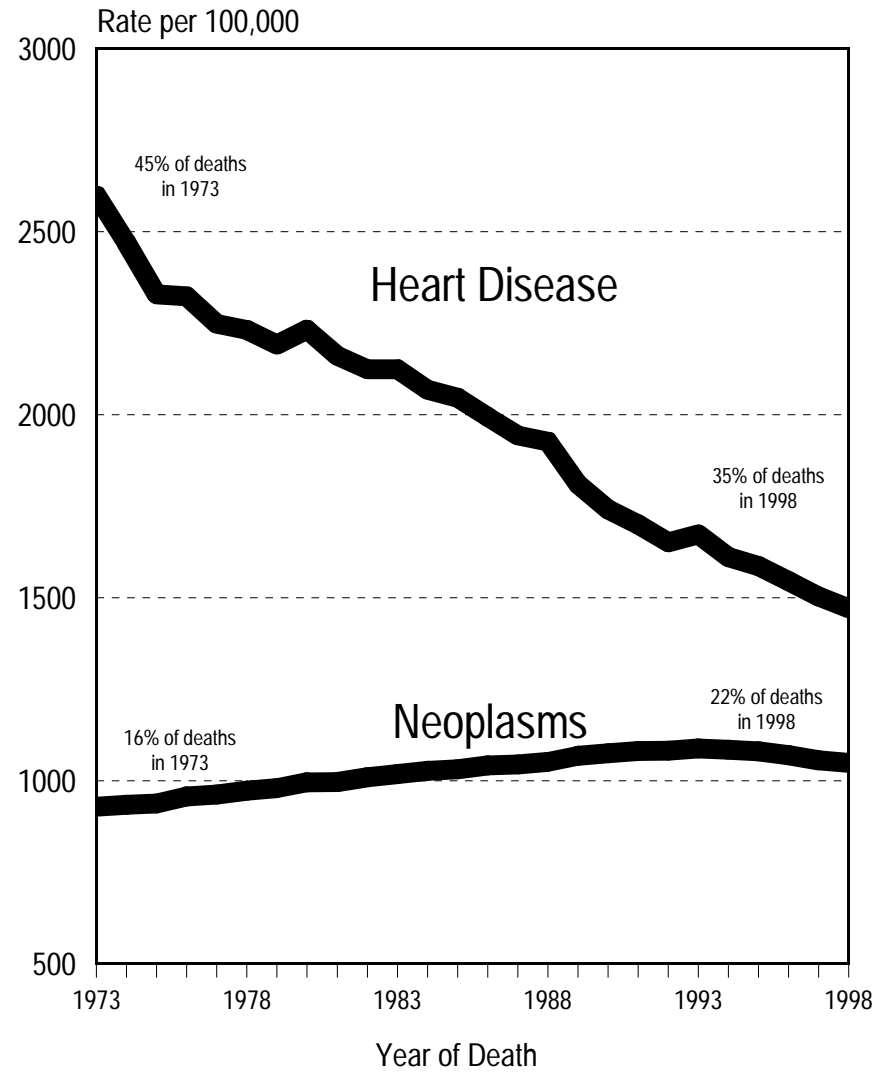
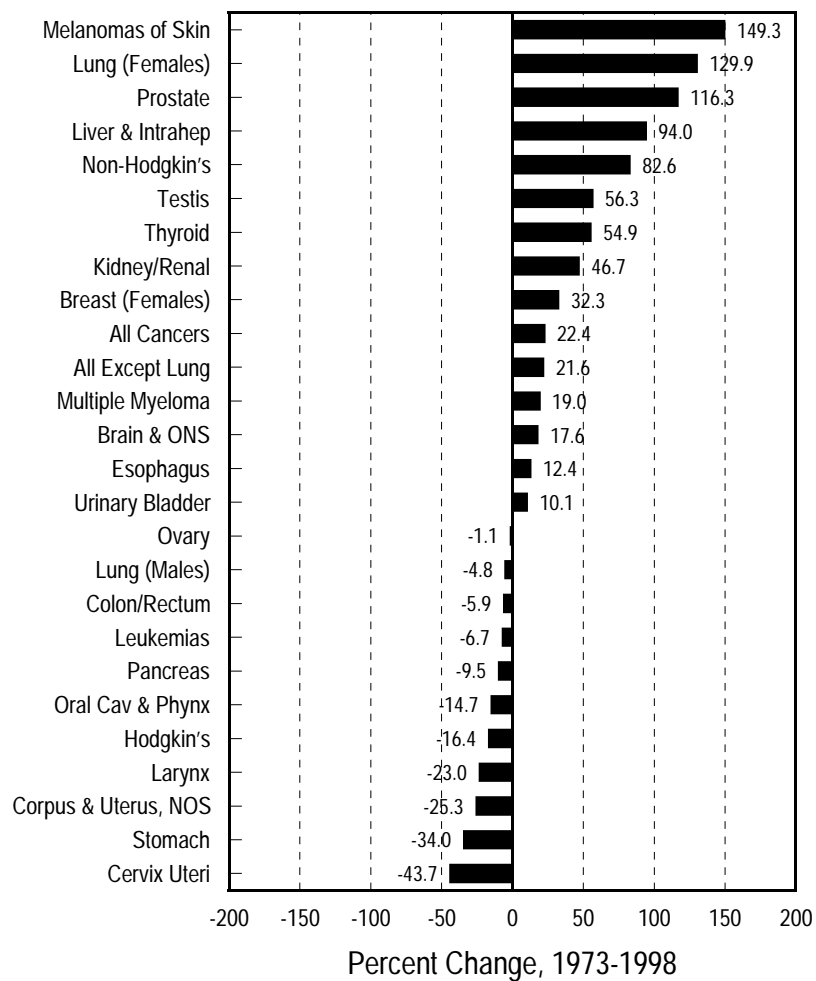


Figure I-3

# Trends in SEER Incidence & U.S. Mortality Rates by Primary Cancer Site 1973-1998

## Trends in SEER Incidence Rates



## Trends in U.S. Cancer Mortality Rates

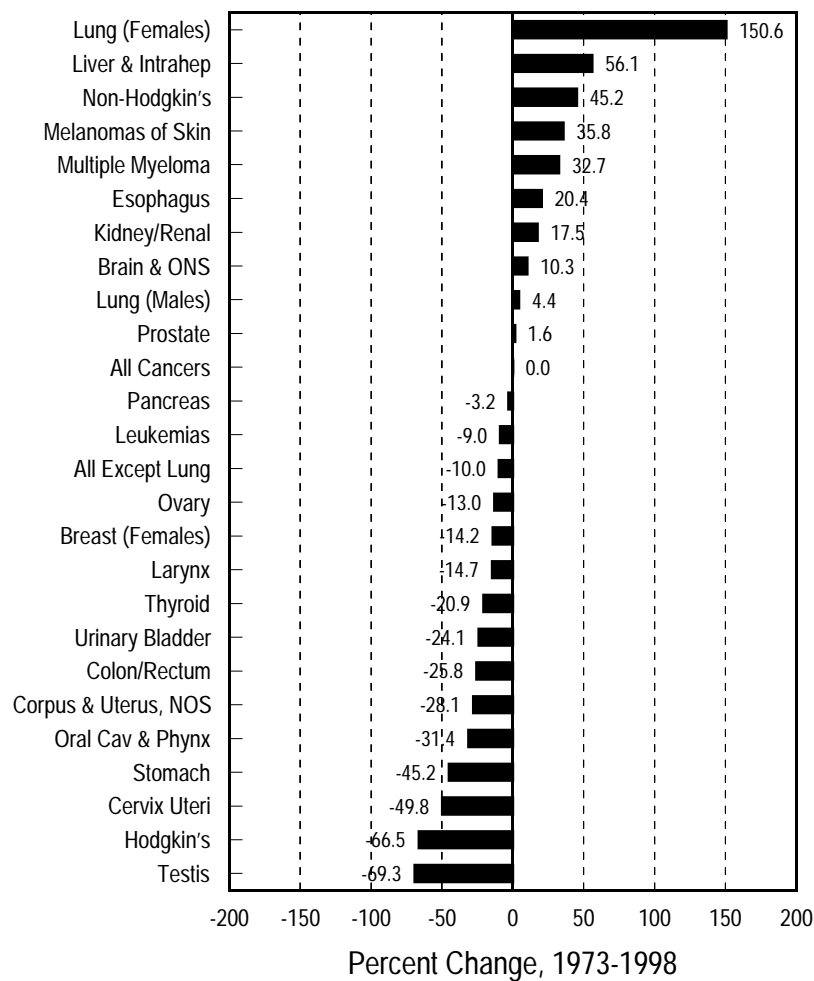
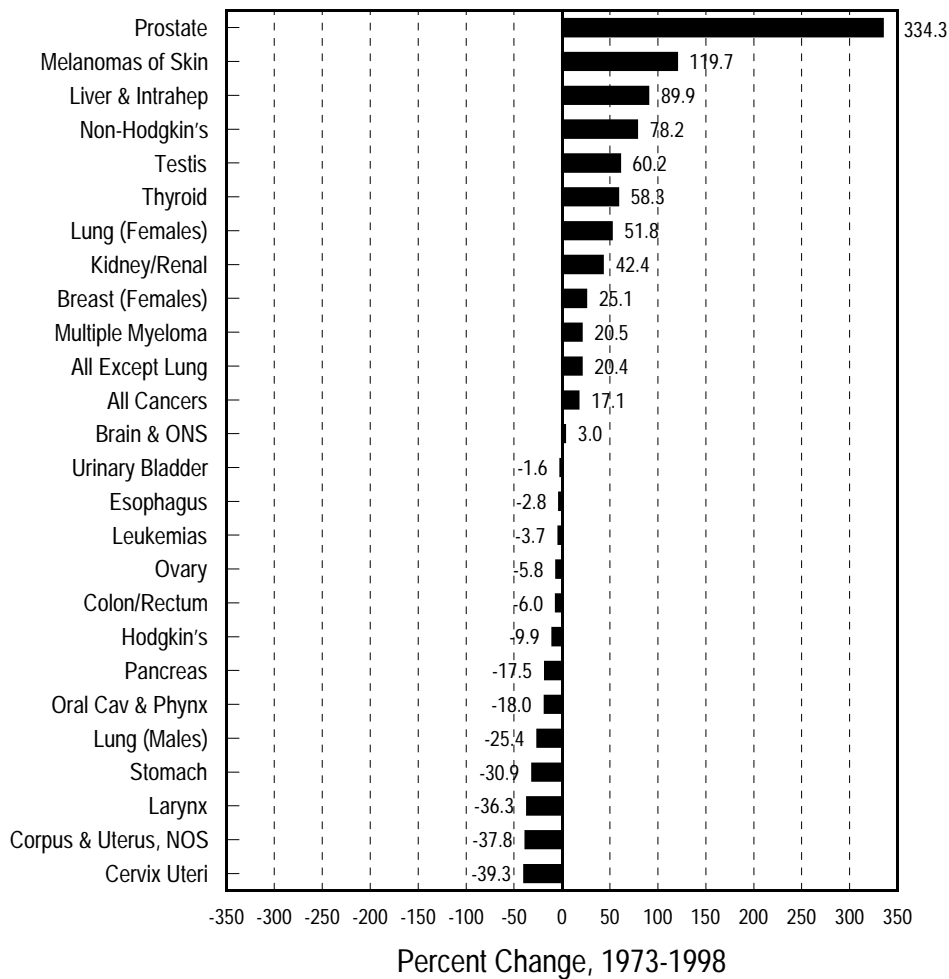


Figure I-4

# Trends in SEER Incidence Rates by Primary Cancer Site 1973-1998

## Ages Less Than 65



## Ages 65 and Over

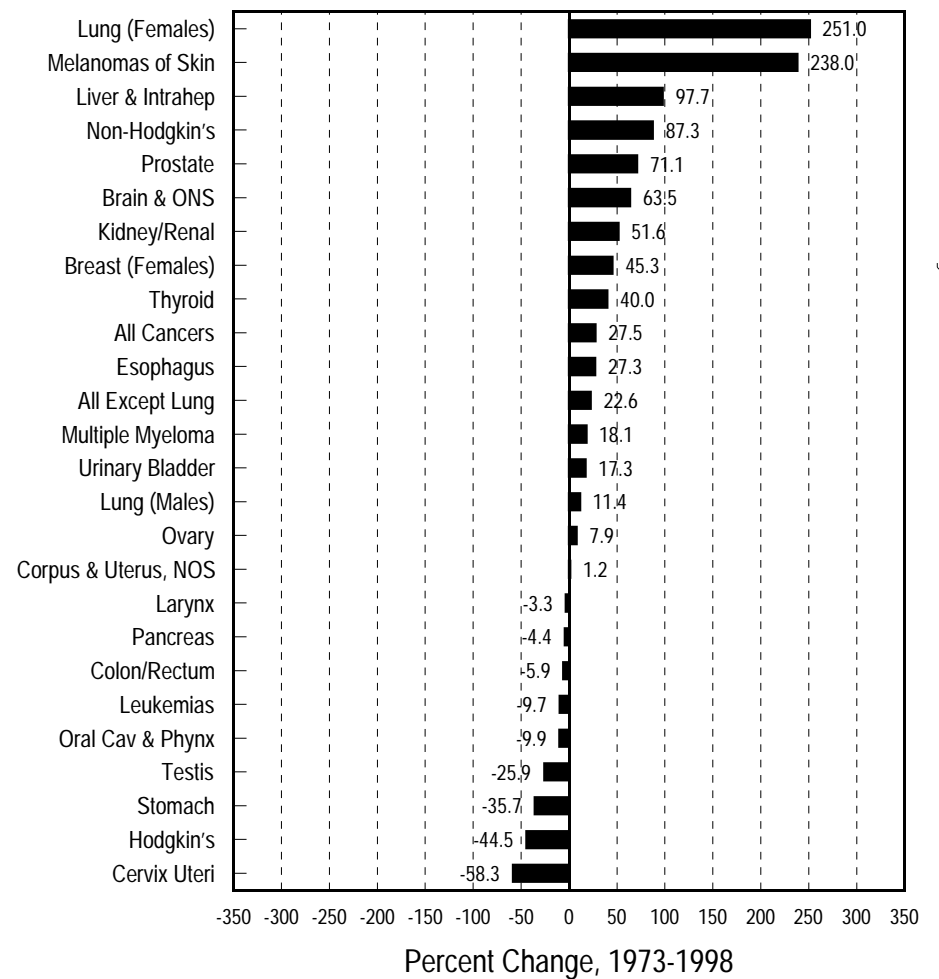
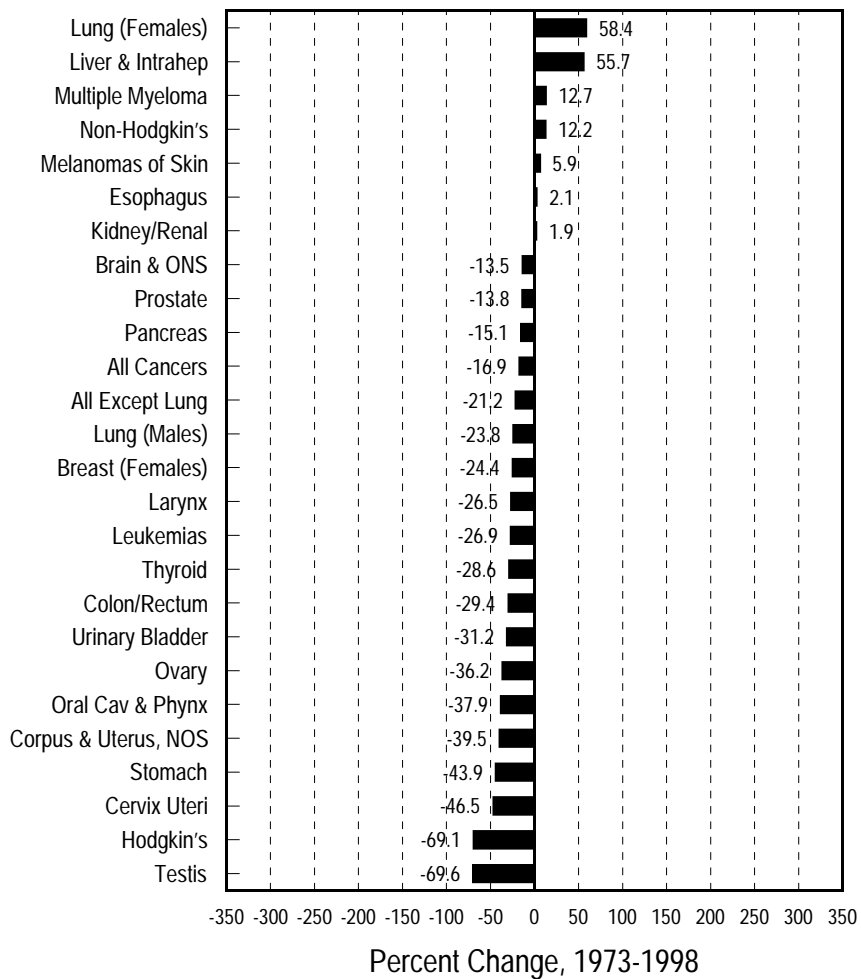


Figure I-5



# Trends in U.S. Mortality Rates by Primary Cancer Site 1973-1998

## Ages Less Than 65



## Ages 65 and Over

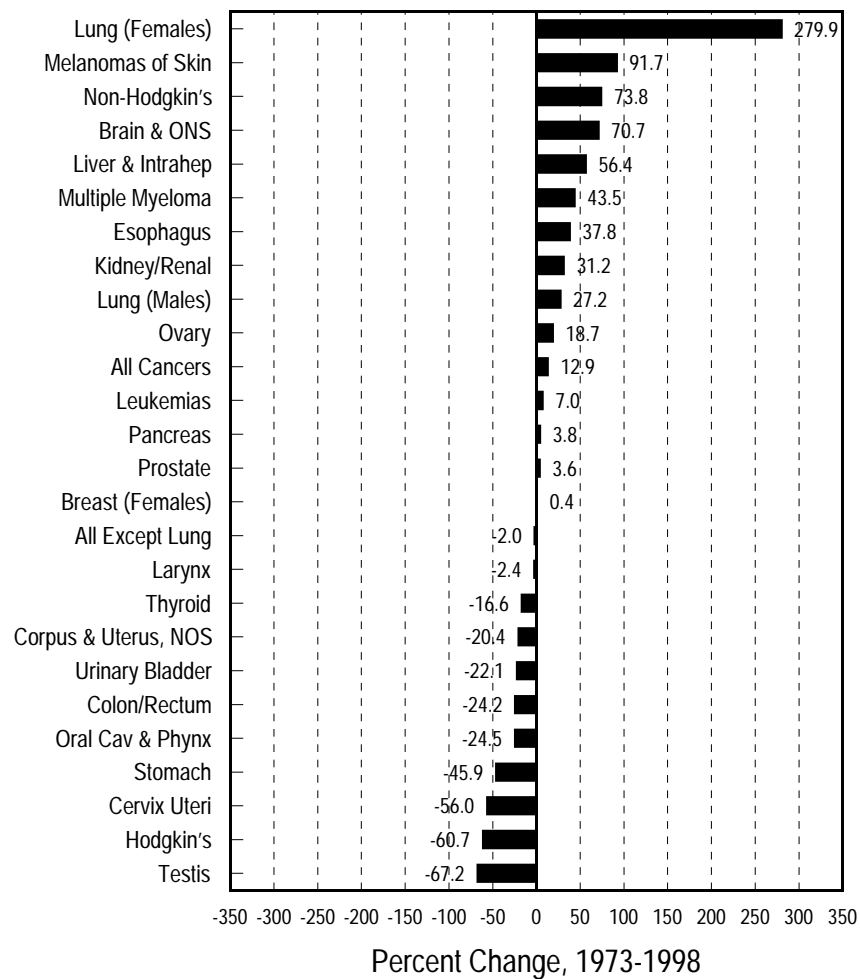
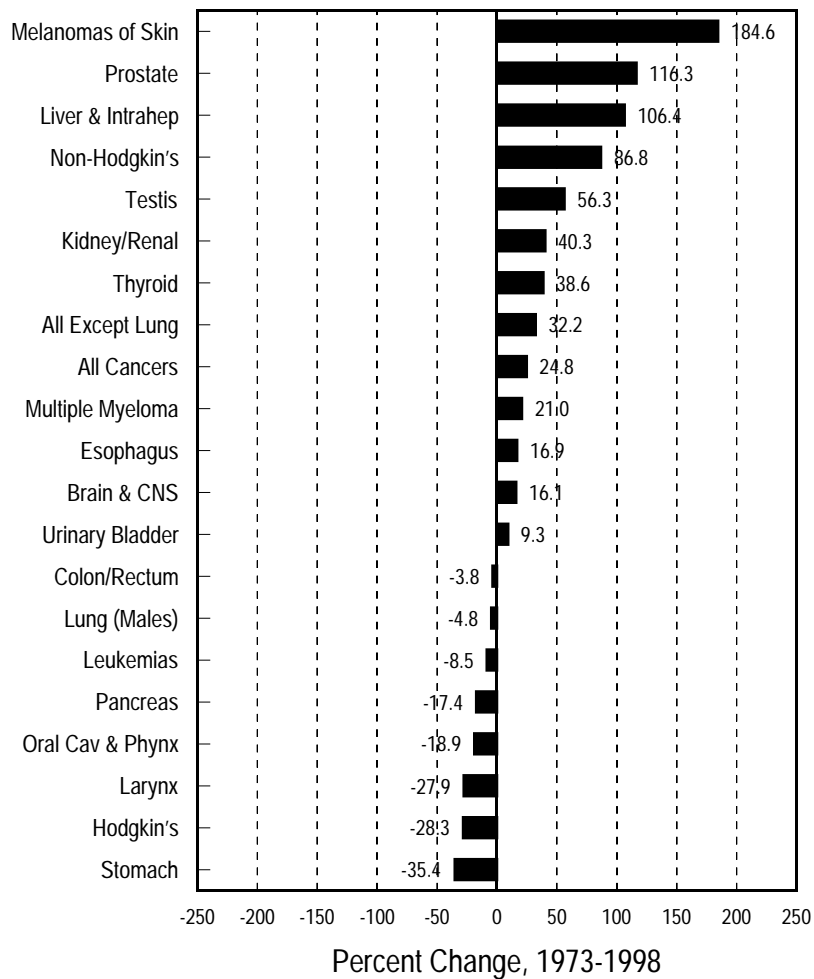


Figure I-6

# Trends in SEER Incidence Rates by Primary Cancer Site 1973-1998

## All Races, Males



## All Races, Females

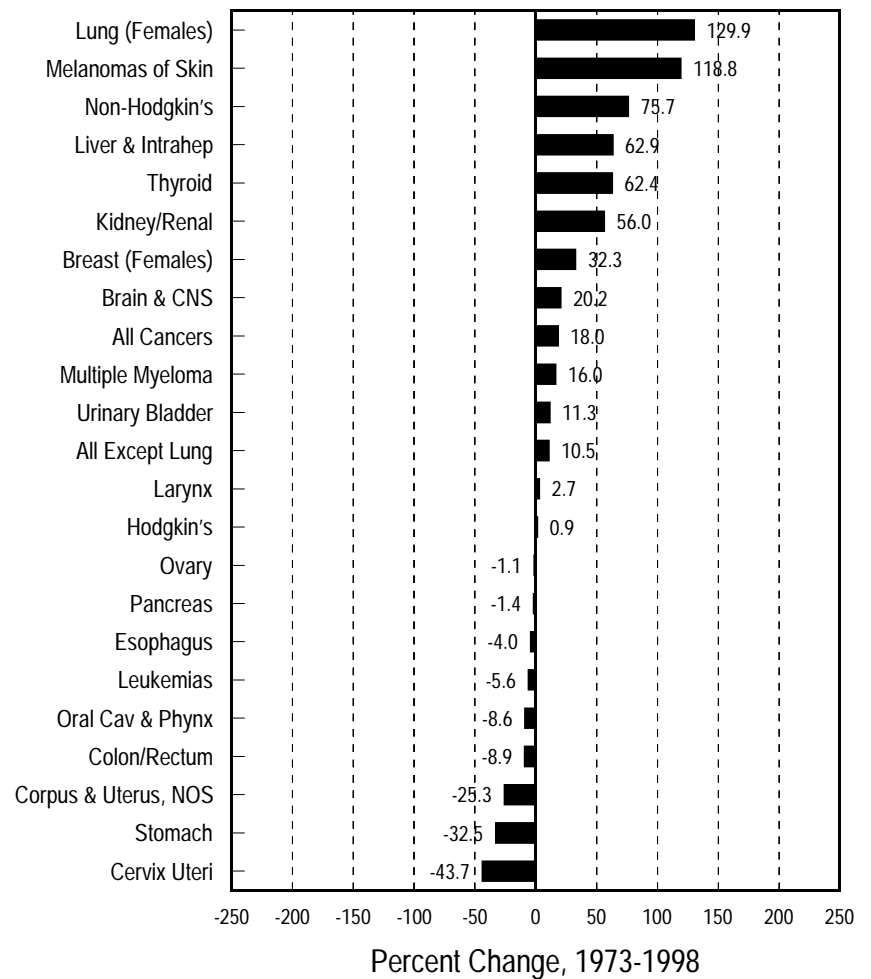
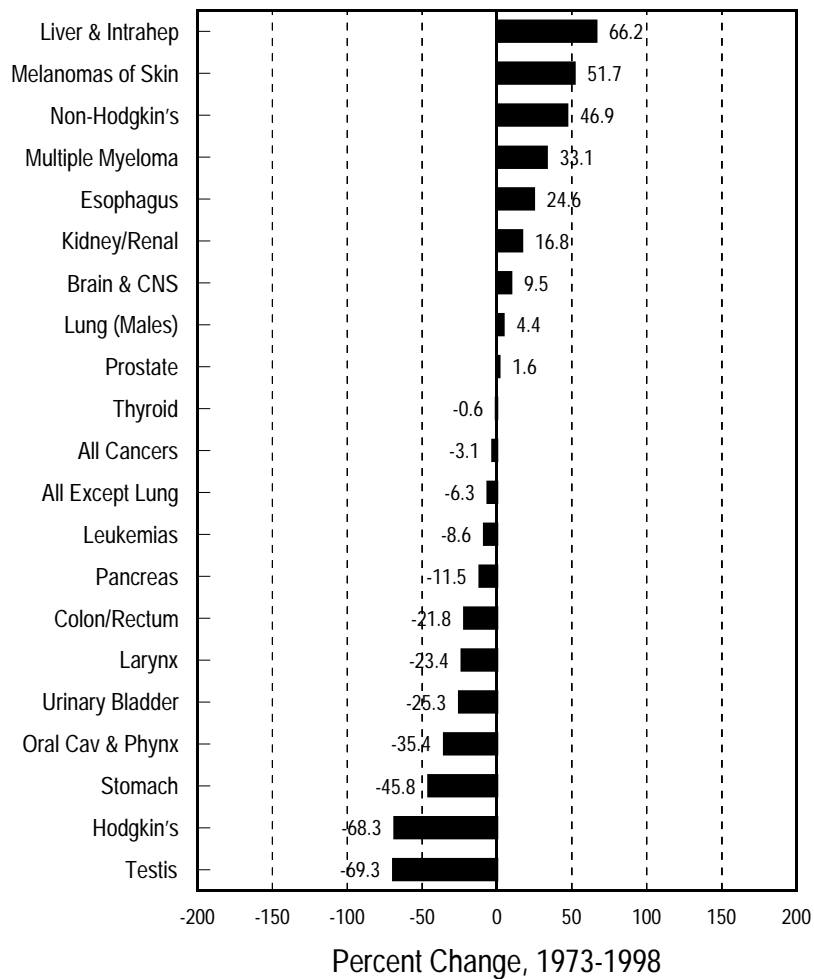


Figure I-7

# Trends in U.S. Mortality Rates by Primary Cancer Site 1973-1998

## All Races, Males



## All Races, Females

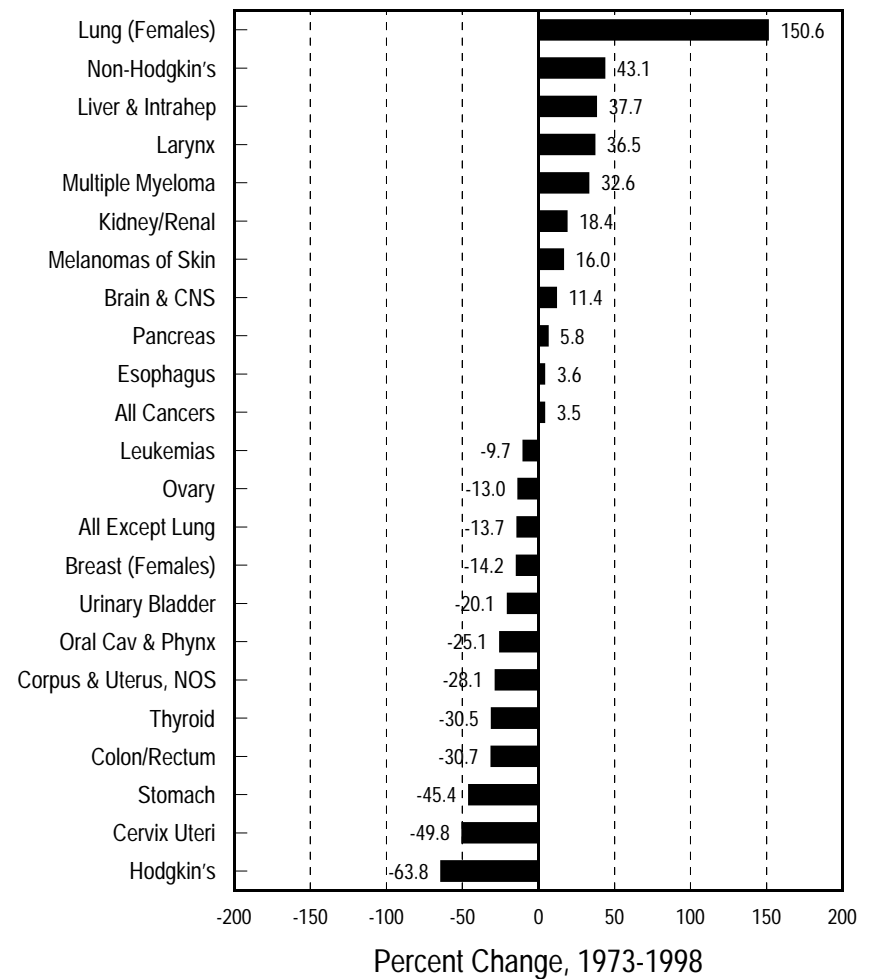
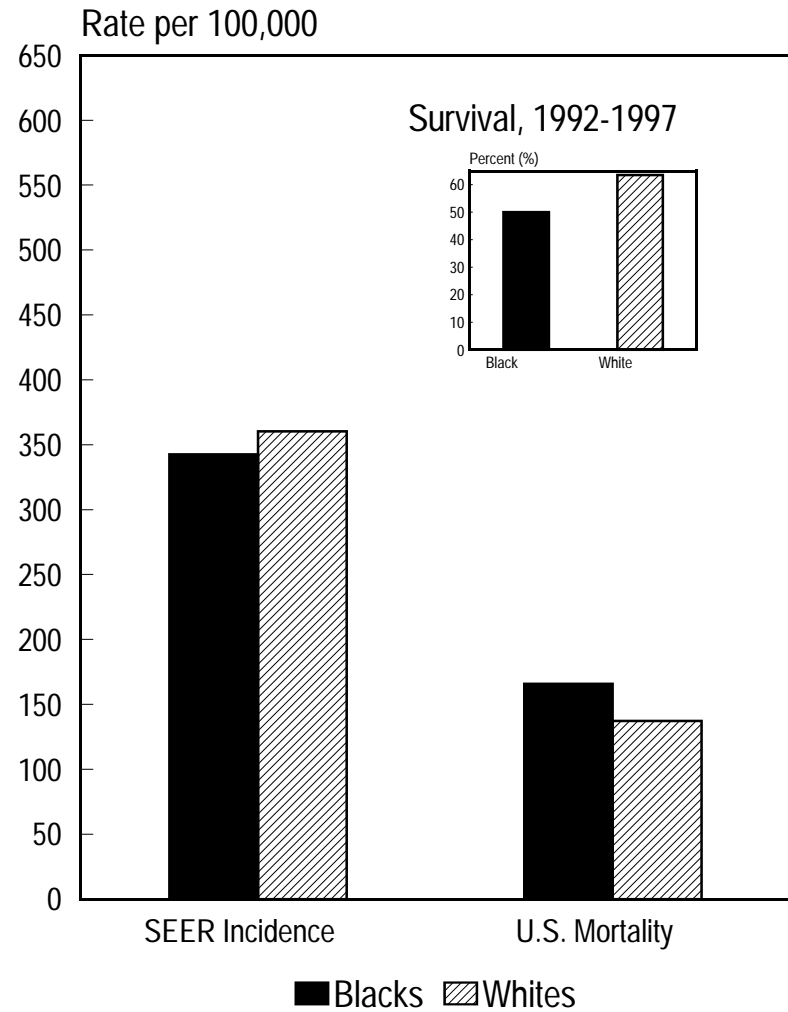
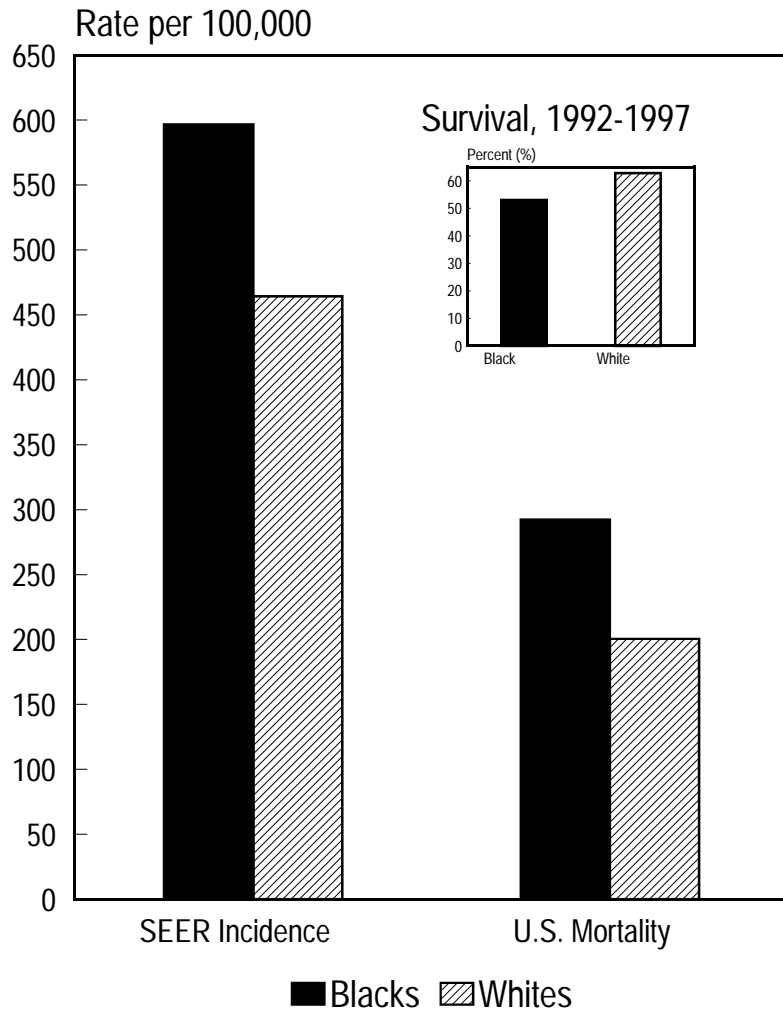


Figure I-8

# SEER Incidence and U.S. Mortality Rates (1994-1998) 5-Year Relative Survival Rates (1992-1997) All Cancers Combined, by Race and Sex

## Males

## Females



Rates are per 100,000 persons and age-adjusted to 1970  
Relative survival rates are expressed as percents

Figure I-9

# Trends in U.S. Mortality Rates, 1973-1998 by Primary Cancer Site Whites and Blacks, All Ages

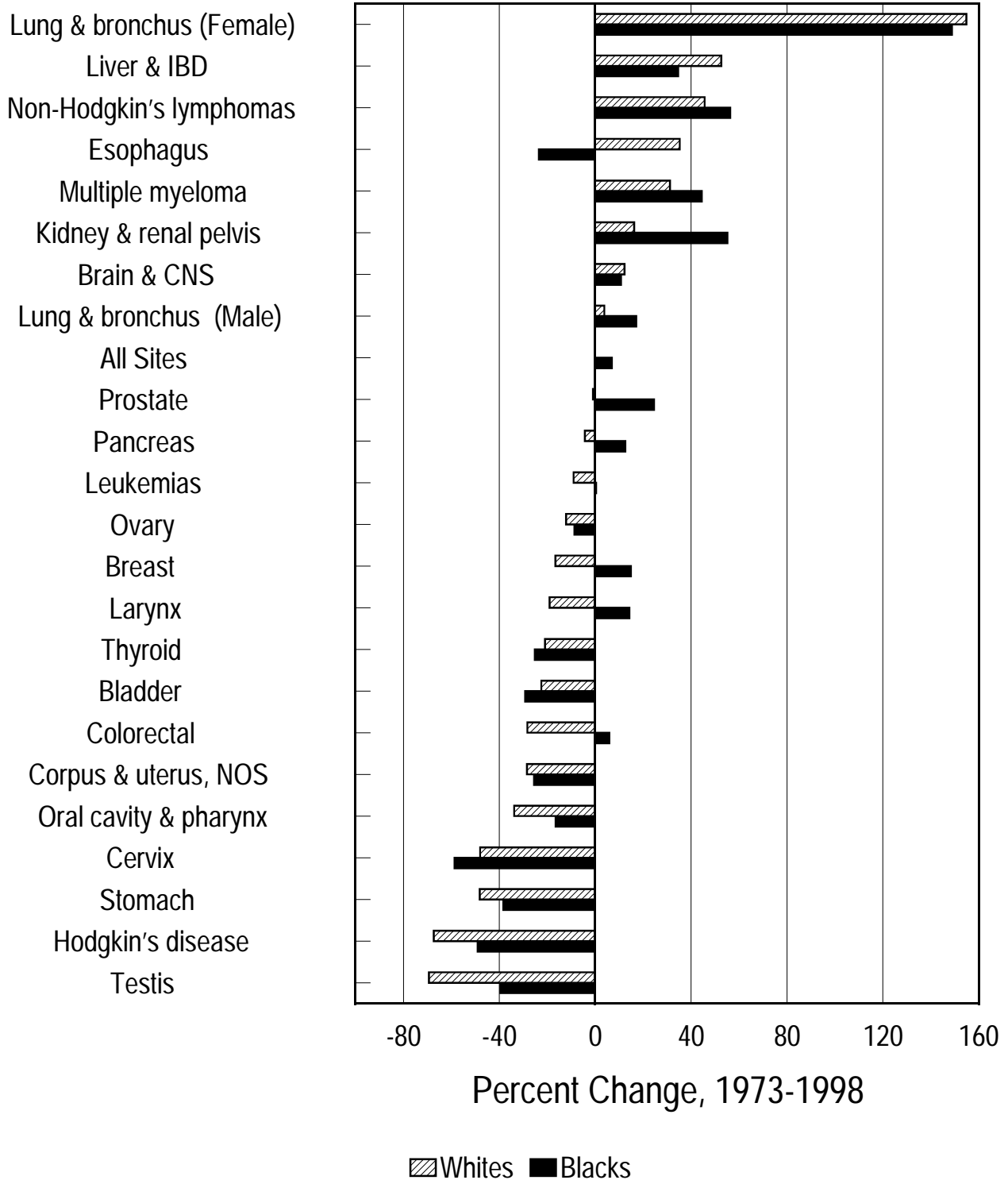
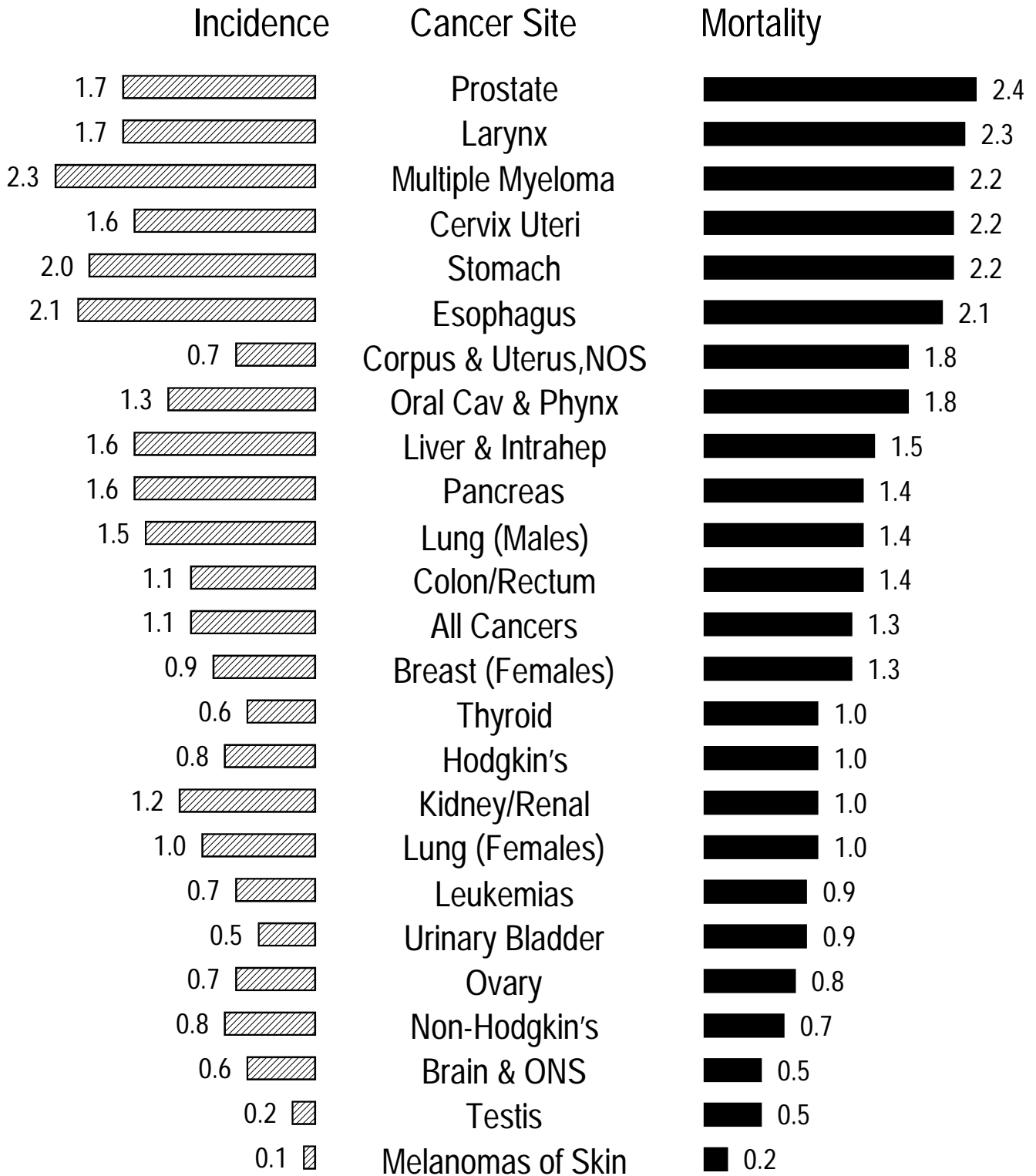


Figure I-11

# SEER Cancer Incidence and U.S. Mortality Rates, 1994-1998

## Ratio of Black Rate to White Rate

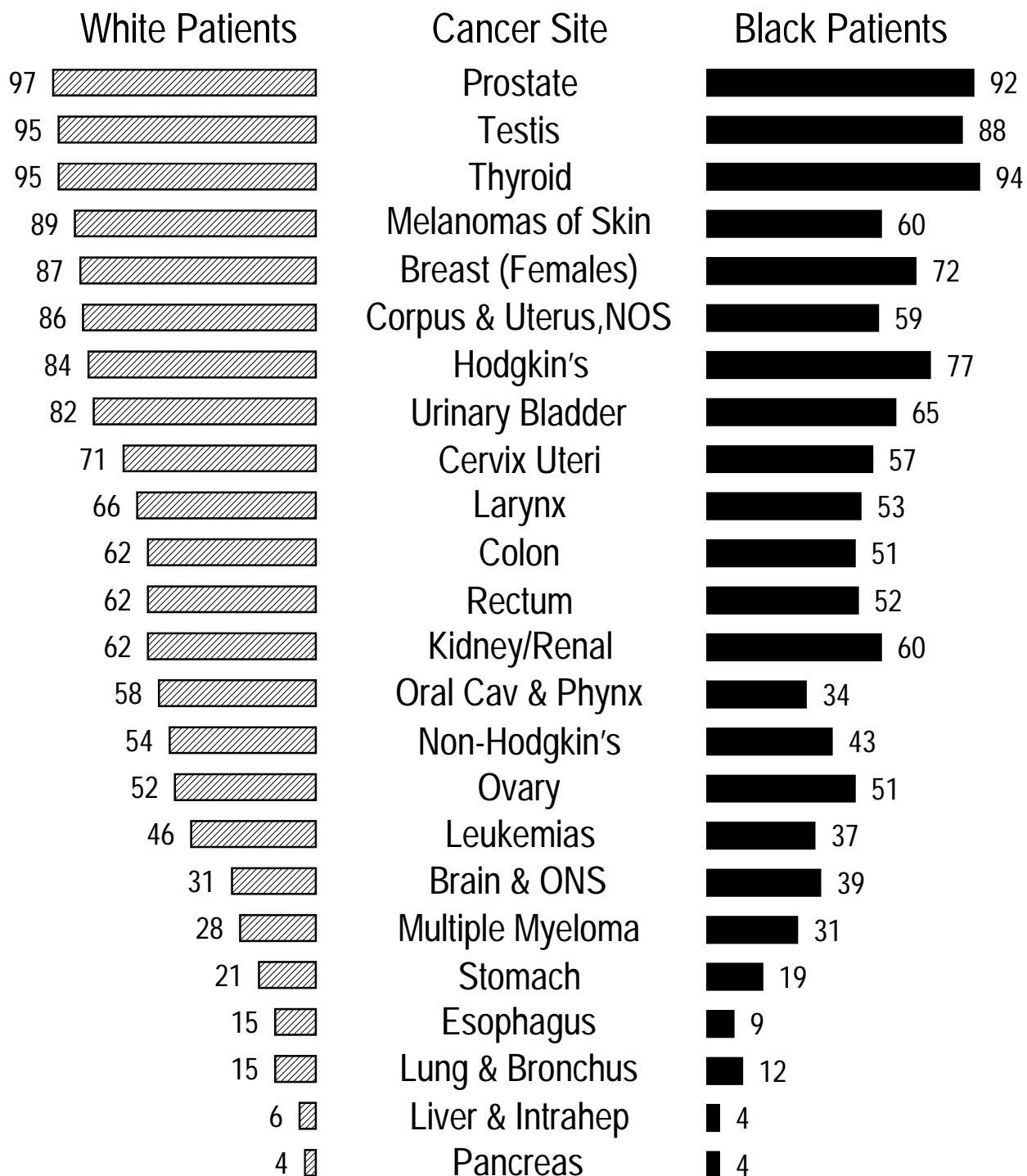
### All Ages



Ratio: (Black Rate)/(White Rate)  
 Rates are Age-adjusted to 1970 Standard.

Figure I-12

### 5-Year Relative Survival Rates SEER Program, 1992-1997 Males and Females



# SEER Incidence 1990-1998 Males by Race/Ethnicity

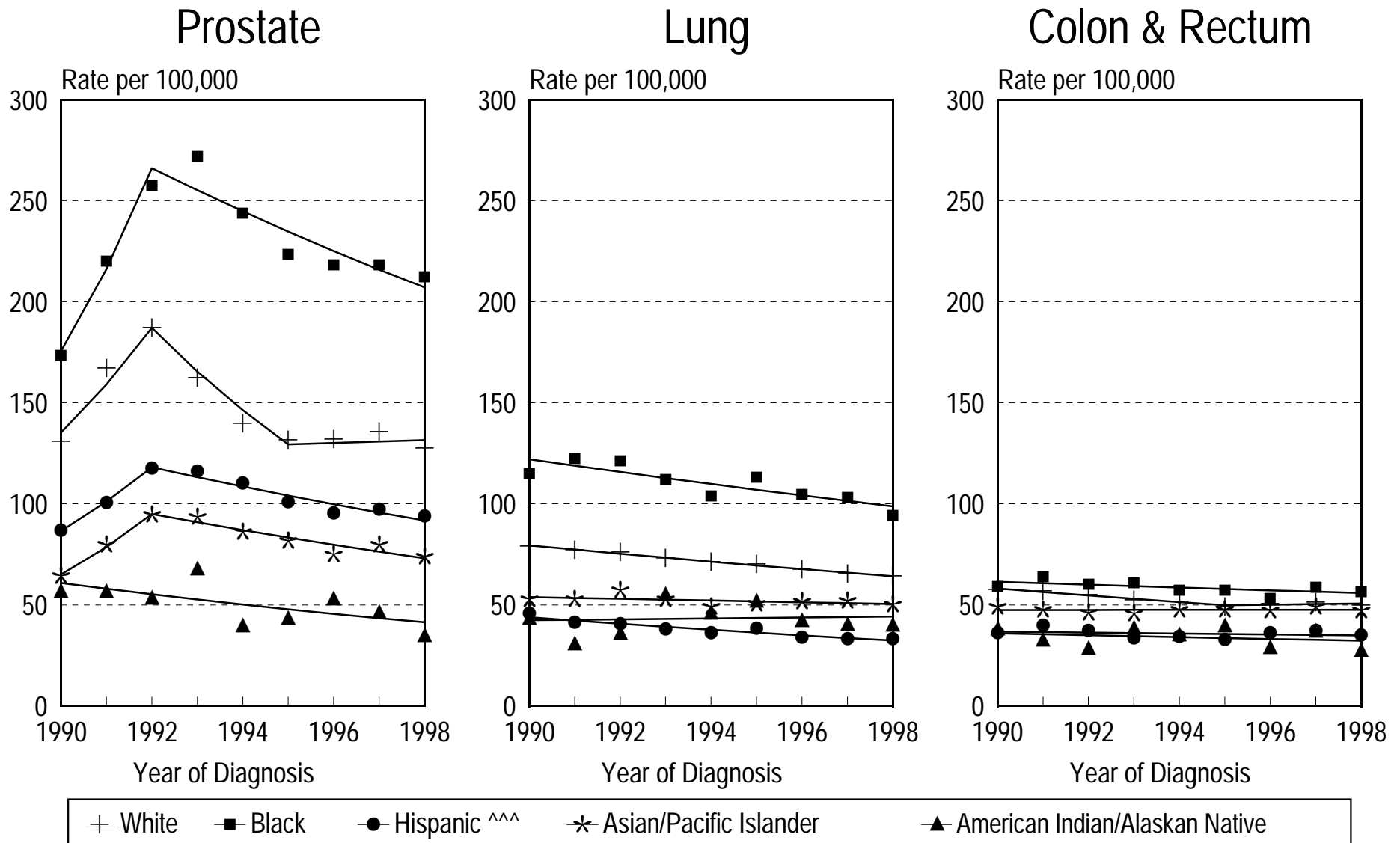


Figure I-13

^^^ Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaskan Natives.

Data Source: SEER 11( San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles) and Alaska.

Regression lines are calculated using the Joinpoint Regression Program.



# SEER Incidence 1990-1998 Females by Race/Ethnicity

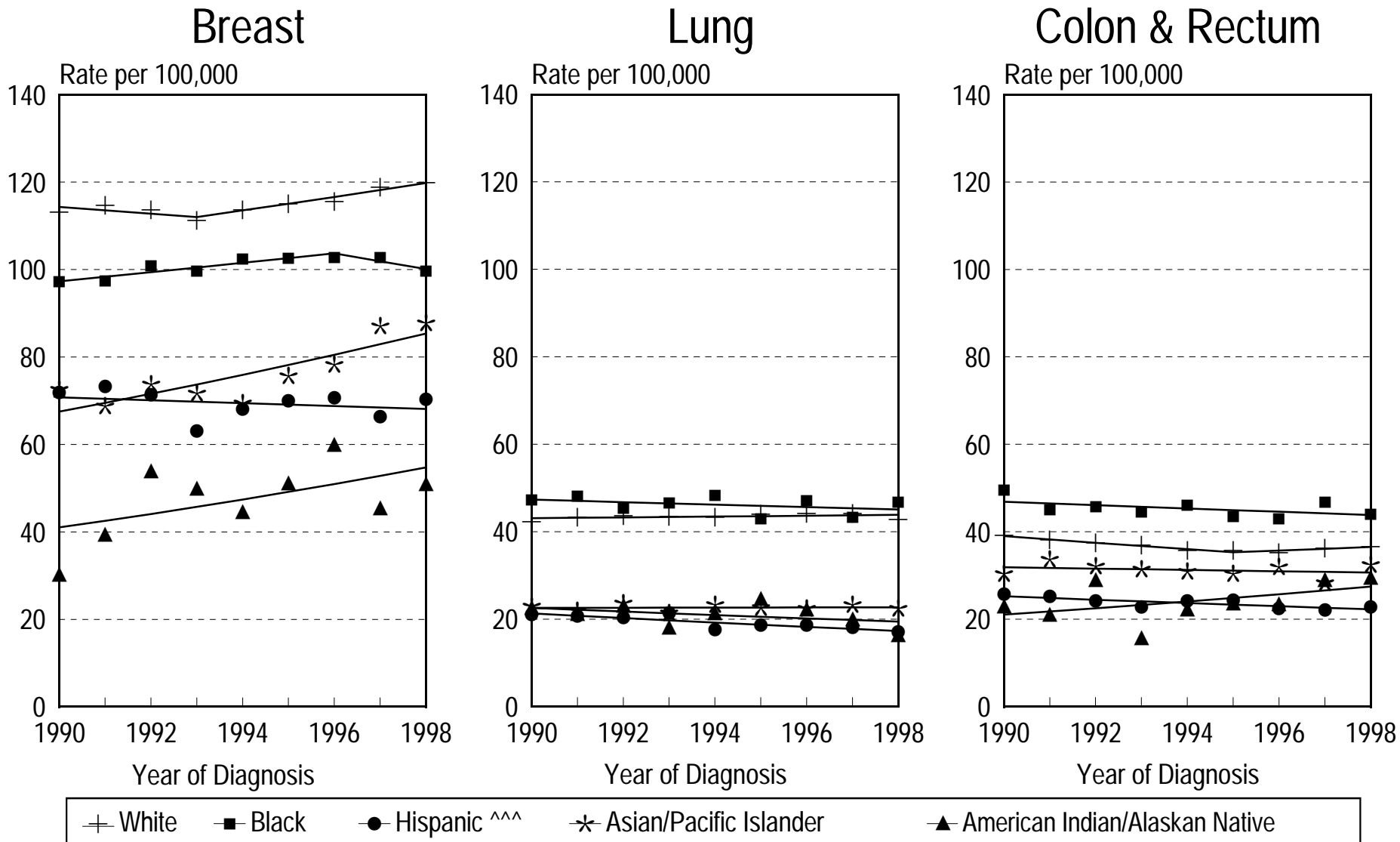


Figure I-14

^^^ Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaskan Natives.

Data Source: SEER 11( San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles) and Alaska.

Regression lines are calculated using the Joinpoint Regression Program. Regression line can not be calculated if any rates were not shown.

# U.S. Mortality 1990-1998 Males by Race/Ethnicity

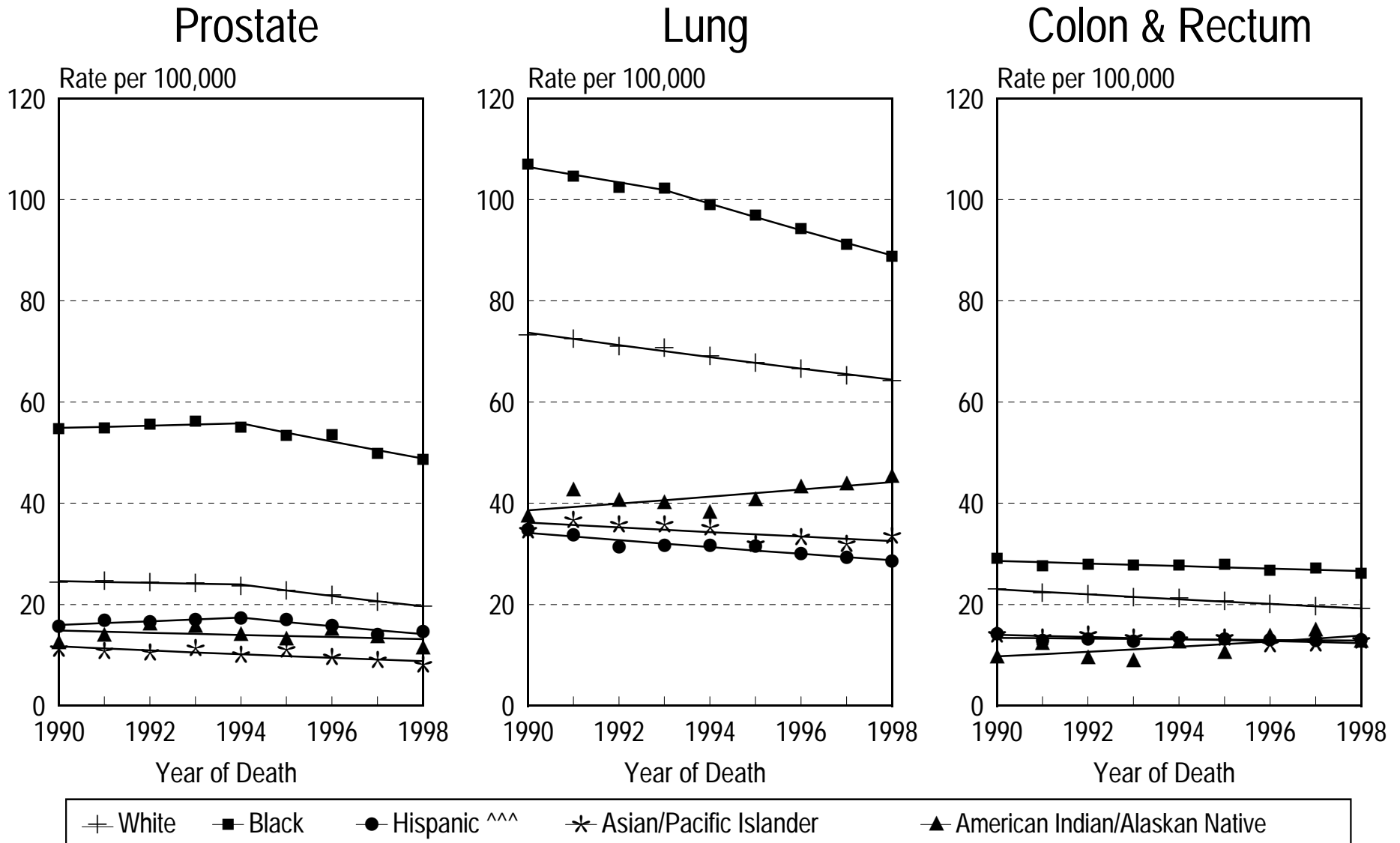


Figure I-15

^^^ Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaskan Natives.  
 Data Source: Mortality data for Hispanics does not include data from Connecticut, Oklahoma, Louisiana, and New Hampshire.  
 Mortality data for all other races are from all U.S. States.  
 Regression lines are calculated using the Joinpoint Regression Program.

# U.S. Mortality 1990-1998 Females by Race/Ethnicity

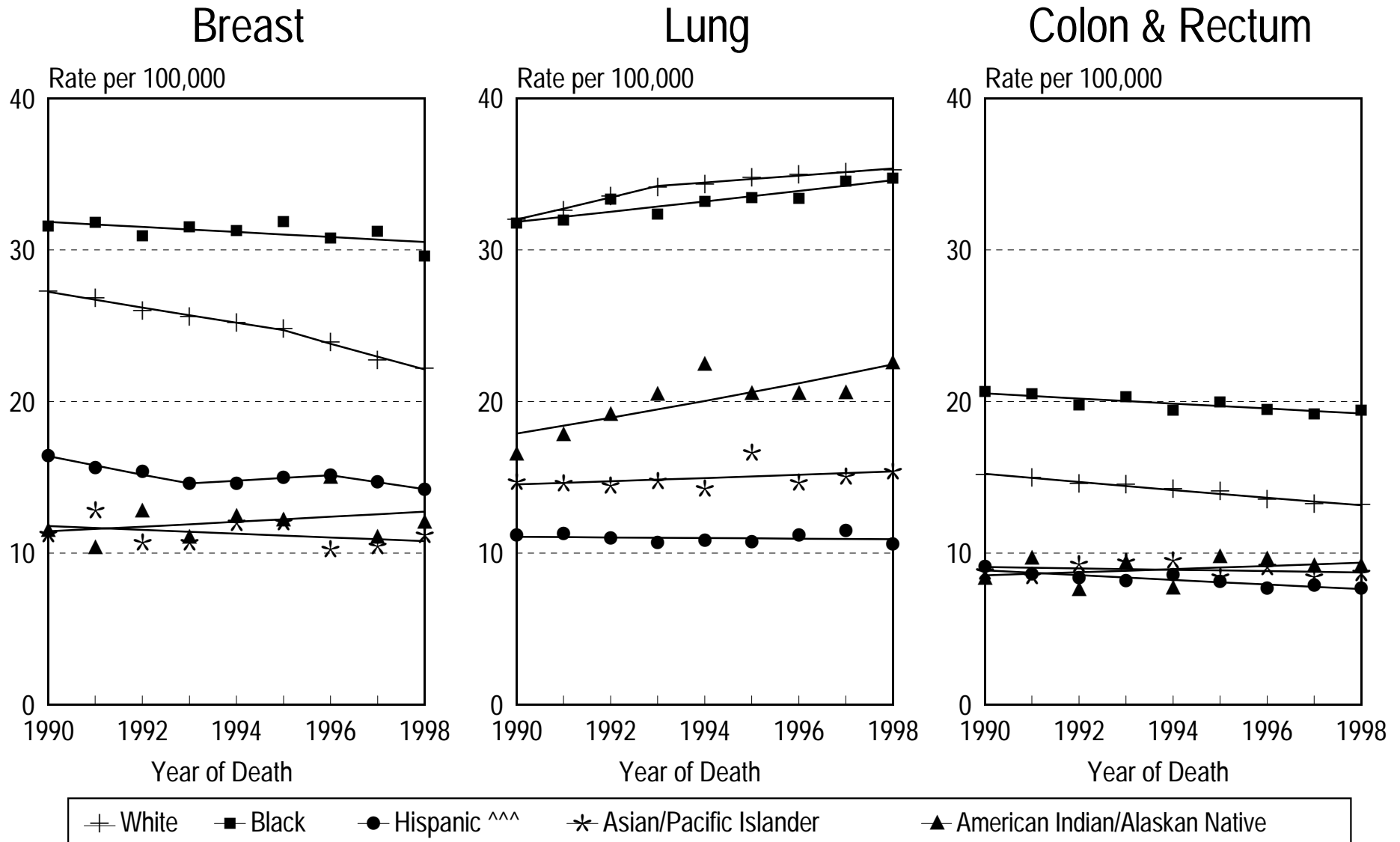


Figure I-16

^^^ Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaskan Natives.  
 Data Source: Mortality data for Hispanics does not include data from Connecticut, Oklahoma, Louisiana, and New Hampshire.  
 Mortality data for all other races are from all U.S. States.  
 Regression lines are calculated using the Joinpoint Regression Program.

# Incidence Percent Change, 1990 to 1998

## Numbers (burden) vs. Rates (risk)

### All Ages

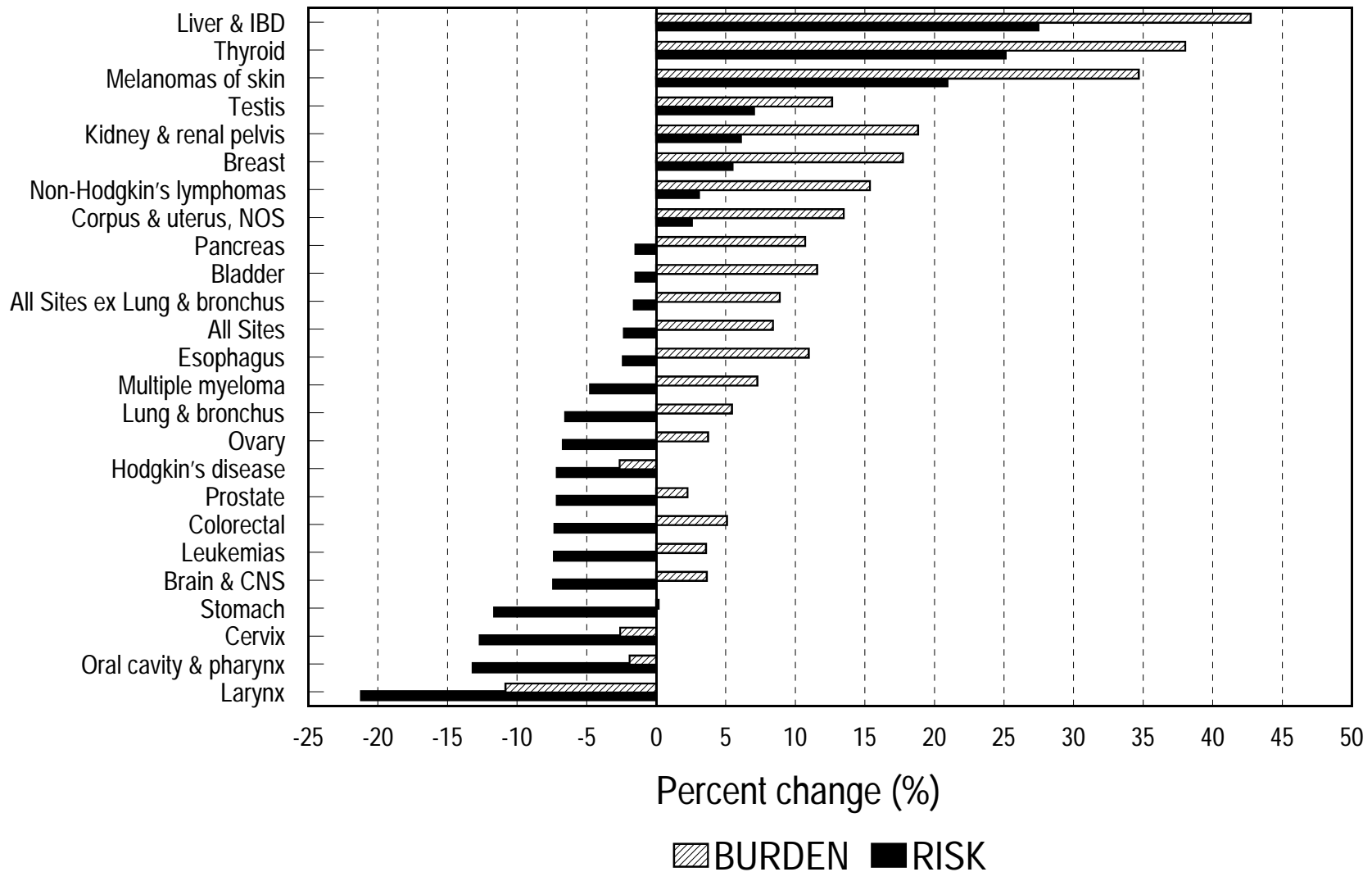


Figure I-17

U.S. Incidence estimates based on SEER age-specific rates applied to U.S. population

# Mortality Percent Change, 1990 to 1998

## Numbers (burden) vs. Rates (risk)

### All Ages

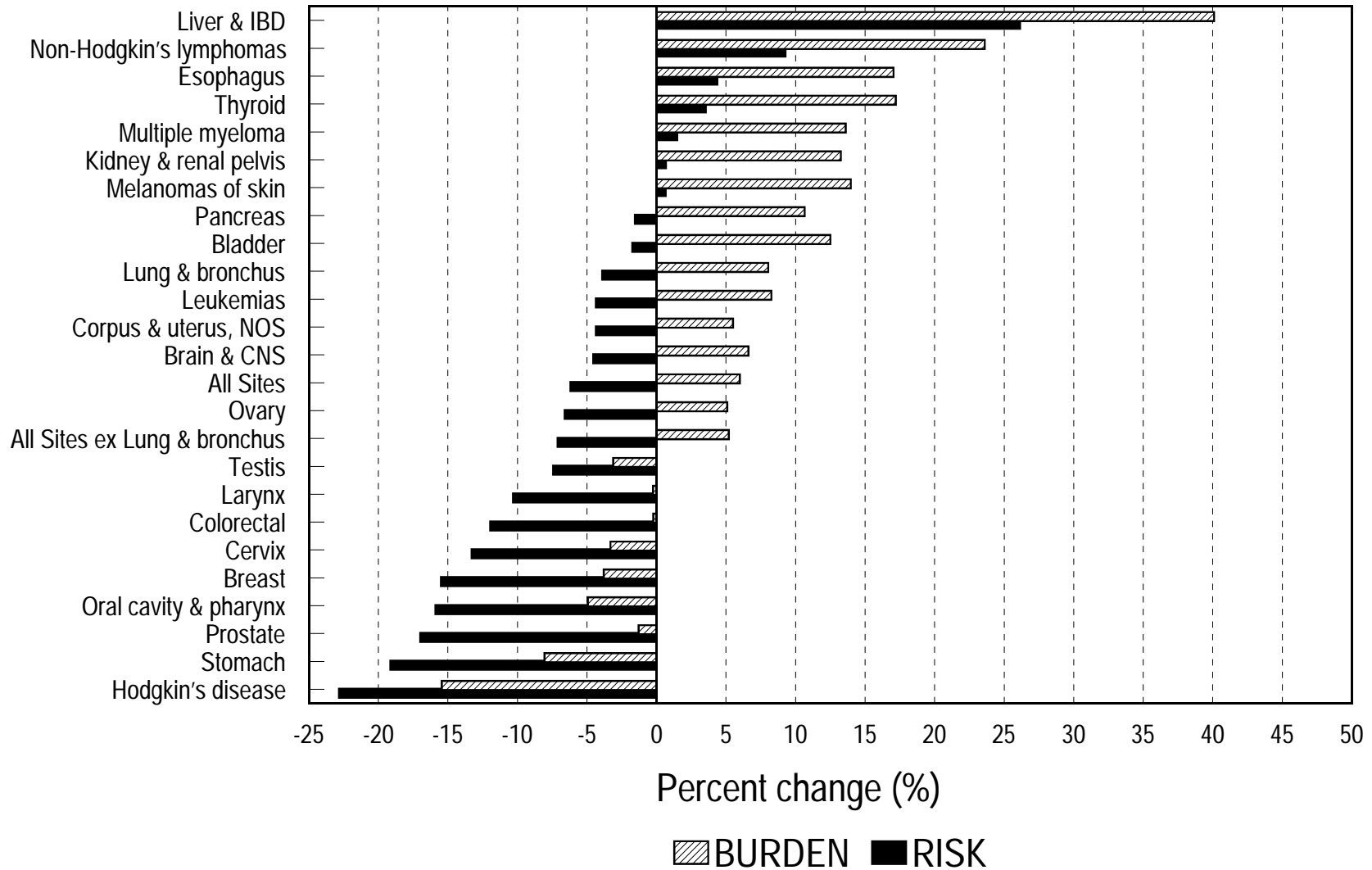
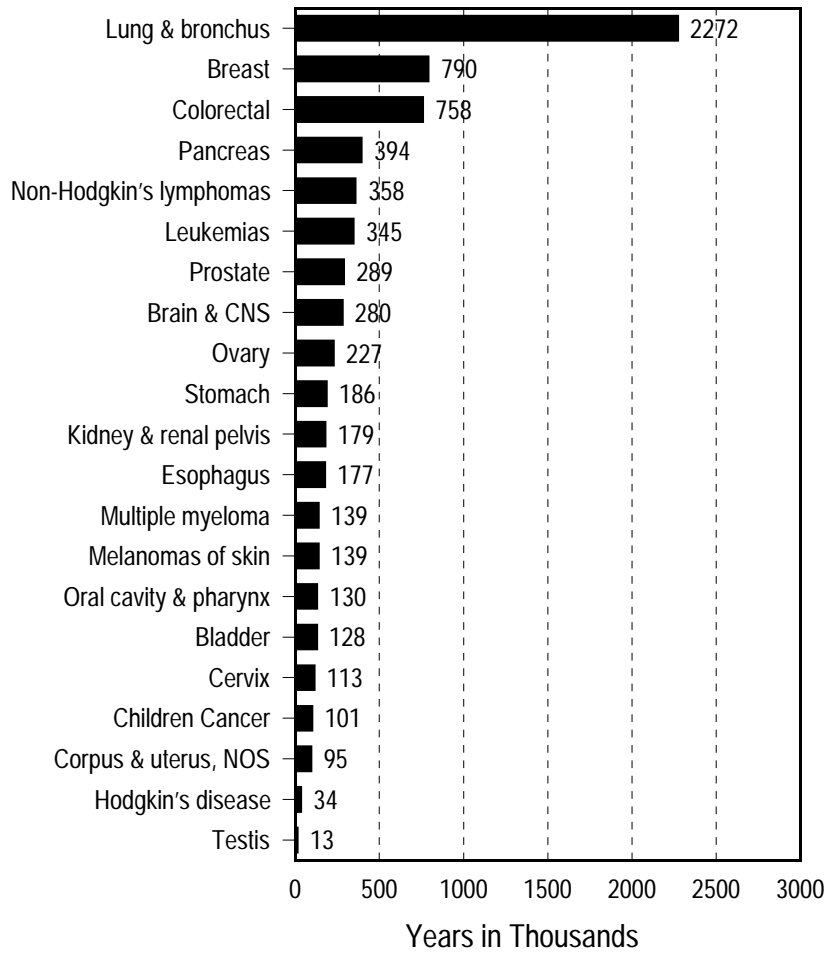


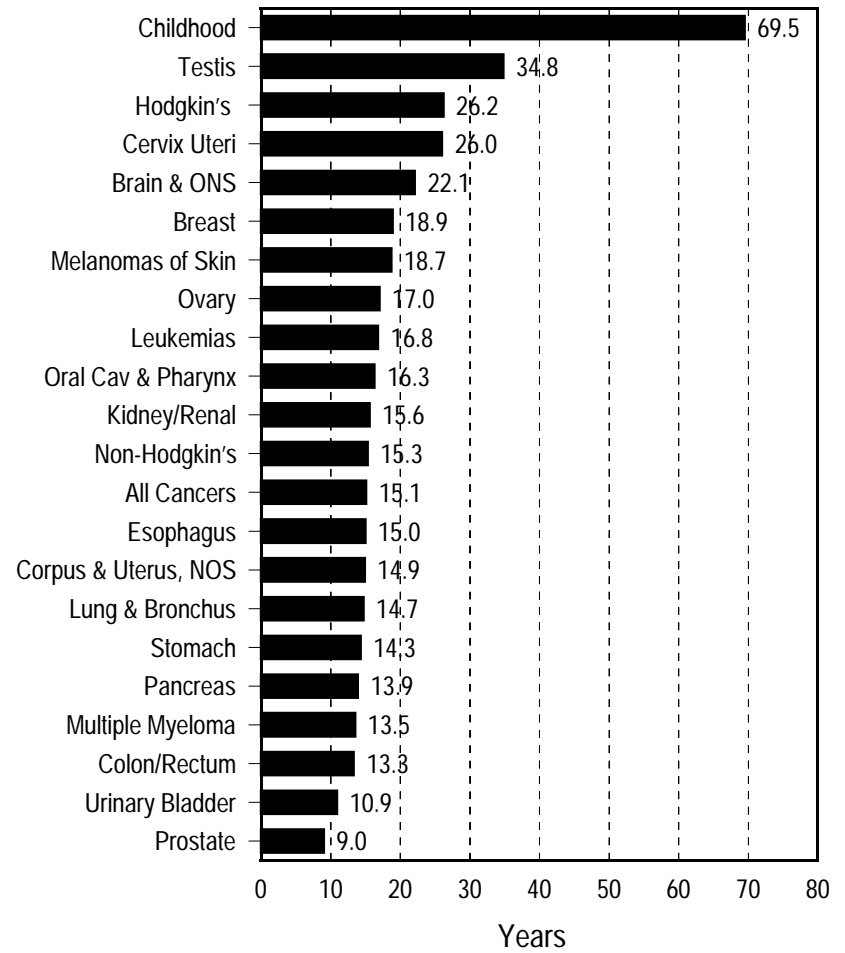
Figure I-18

U.S. Incidence estimates based on SEER age-specific rates applied to U.S. population

Person-Years of Life Lost  
Due to Cancer, All Races  
Both Sexes, 1998



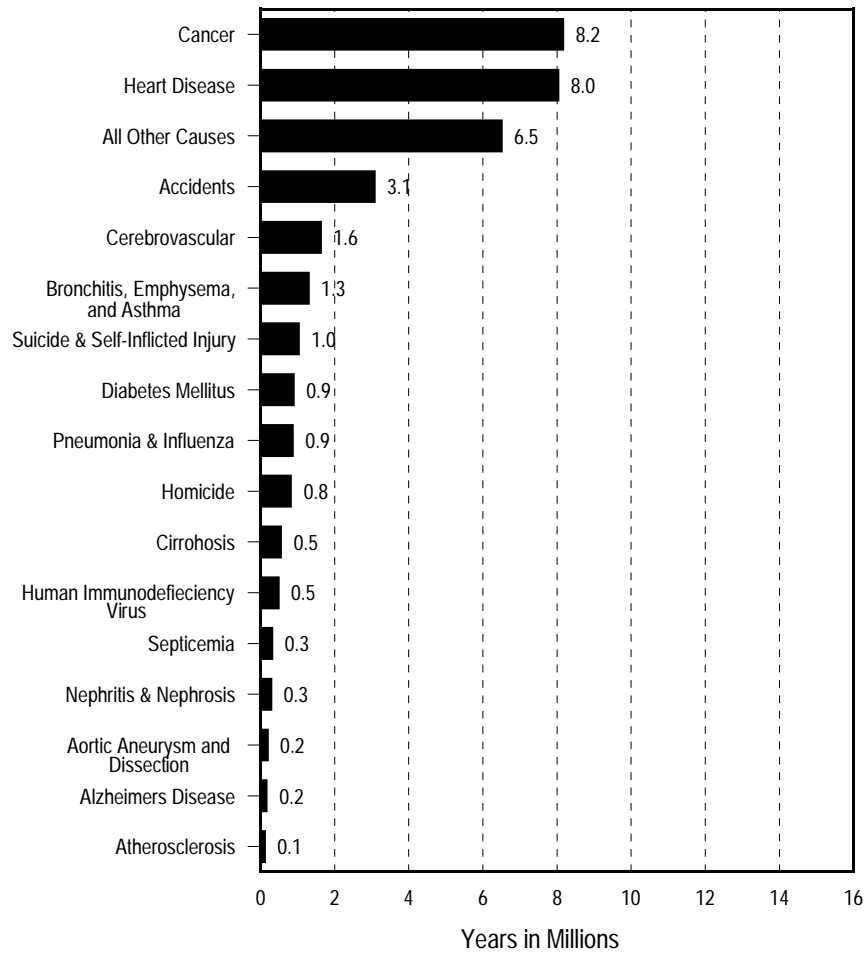
Average Years of Life Lost  
Per Person Dying of Cancer  
All Races, Both Sexes, 1998



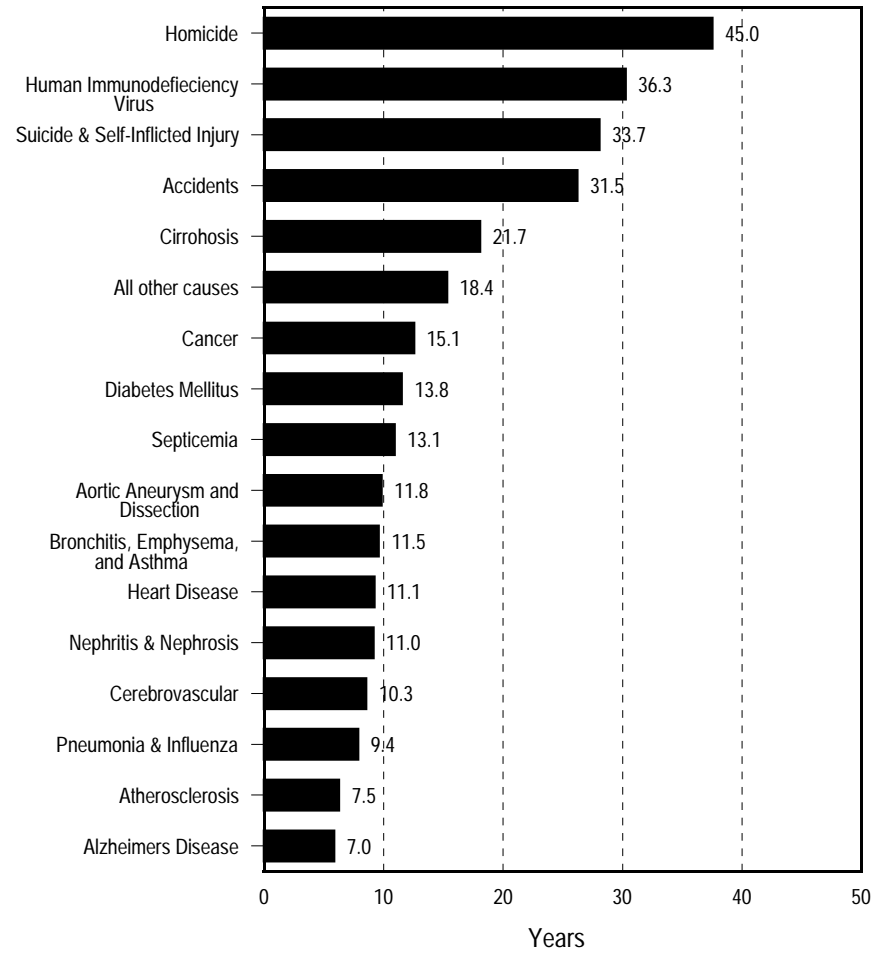
Estimates produced using 1997 Life Tables

Figure I-19

Person-Years of Life Lost  
Due to Major Causes of Death in U.S.  
All Races, Both Sexes, 1998



Average Years of Life Lost  
Per Person Due to Major Causes of Death in U.S.  
All Races, Both Sexes, 1998



Estimates produced using 1997 Life Tables