

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.

Table I-4
AGE-ADJUSTED SEER INCIDENCE AND U.S. DEATH RATES AND 5-YEAR RELATIVE SURVIVAL RATES
 By Primary Cancer Site, Sex and Time Period

Site	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	All Races	472.3	555.8	417.9	202.3	255.5	168.3	63.0	62.6
Oral Cavity & Pharynx:	10.9	16.3	6.5	2.9	4.4	1.7	57.2	55.7	60.4
Lip	1.0	1.9	0.4	0.0	0.1	0.0	94.4	95.4	89.7
Tongue	2.5	3.7	1.6	0.7	1.0	0.4	53.1	51.1	56.9
Salivary gland	1.2	1.6	1.0	0.2	0.4	0.2	74.7	70.0	80.3
Floor of mouth	0.9	1.2	0.5	0.1	0.1	0.0	51.7	50.8	53.9
Gum & other oral cavity	1.7	2.1	1.4	0.5	0.6	0.4	54.8	48.3	64.1
Nasopharynx	0.8	1.1	0.4	0.2	0.4	0.1	57.2	58.1	55.4
Tonsil	1.3	2.1	0.5	0.2	0.3	0.1	54.0	54.0	54.1
Oropharynx	0.3	0.5	0.2	0.2	0.3	0.1	37.3	37.4	37.4
Hypopharynx	0.9	1.5	0.4	0.1	0.3	0.1	30.9	30.4	32.5
Other oral cavity & pharynx	0.3	0.5	0.2	0.6	1.0	0.3	32.3	34.7	26.0
Digestive System:	92.0	113.5	75.6	47.9	61.6	37.8	43.8	41.9	45.9
Esophagus	4.5	7.7	2.1	4.3	7.6	1.8	14.0	13.9	14.5
Stomach	9.1	13.0	6.2	4.8	6.9	3.4	22.5	21.3	24.6
Small intestine	1.7	1.9	1.4	0.4	0.5	0.3	52.6	51.3	53.9
Colon & Rectum:	54.2	64.2	46.7	21.2	25.8	18.0	62.3	62.4	62.3
Colon	39.1	44.9	34.9	18.2	21.9	15.6	62.3	62.7	61.9
Rectum	15.0	19.3	11.8	3.0	4.0	2.4	62.4	61.7	63.3
Anus, anal canal & anorectum	1.3	1.2	1.4	0.2	0.1	0.2	64.4	56.8	70.0
Liver & Intrahep:	5.9	9.0	3.4	4.5	6.6	2.9	6.9	6.7	7.4
Liver	5.0	7.9	2.7	3.6	5.5	2.1	7.5	7.0	8.8
Intrahep bile duct	0.9	1.1	0.7	0.9	1.1	0.8	3.9	4.7	3.0
Gallbladder	1.2	0.8	1.5	0.8	0.5	0.9	15.1	14.5	15.2
Other biliary	1.5	1.8	1.2	0.6	0.7	0.5	18.9	20.1	17.8
Pancreas	11.1	12.6	9.8	10.5	12.2	9.2	4.4	4.3	4.5
Retroperitoneum	0.4	0.5	0.4	0.1	0.1	0.1	48.2	46.1	50.1
Peritoneum, omentum & mesentery	0.6	0.2	1.0	0.2	0.1	0.3	31.0	17.9	34.4
Other digestive system	0.4	0.5	0.4	0.3	0.3	0.2	7.7	4.8	10.8
Respiratory System:	68.4	90.7	52.2	58.6	82.8	41.5	18.4	18.2	18.7
Nose, nasal cavity & middle ear	0.7	0.9	0.6	0.2	0.2	0.1	55.9	55.9	55.8
Larynx	3.9	7.0	1.5	1.4	2.6	0.5	64.7	66.4	58.8
Lung & bronchus	62.6	80.8	49.6	56.8	79.5	40.7	14.9	13.2	17.0
Pleura	0.9	1.8	0.3	0.1	0.3	0.1	7.1	5.2	13.9
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.1	44.2	45.3	41.6
Bones & joints	0.9	1.0	0.7	0.4	0.6	0.4	69.6	67.9	71.9
Soft tissue (incl heart)	2.9	3.4	2.5	1.4	1.6	1.3	67.6	67.4	67.9
Skin (ex basal & squam):	19.4	25.4	15.0	3.5	5.3	2.2	80.2	72.7	91.3
Melanoma of the skin	16.6	21.0	13.5	2.7	3.9	1.8	89.6	87.7	91.9
Other non-epithelial skin	2.9	4.4	1.6	0.8	1.4	0.4	45.5	36.8	86.3
Breast	73.9	1.2	135.0	15.8	0.3	27.7	86.6	81.6	86.6
Breast (<i>in situ</i>)	15.4	0.2	28.7	-	-	-	100.0	96.8	100.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

- ^a SEER 12 areas.
- ^b NCHS public use data file.
- ^c SEER 9 areas.
- Statistic could not be calculated.

Table I-4 - continued
AGE-ADJUSTED SEER INCIDENCE AND U.S. DEATH RATES AND 5-YEAR RELATIVE SURVIVAL RATES
 By Primary Cancer Site, Sex and Time Period

Site	All Races								
	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	29.6	-	54.5	9.6	-	16.8	71.4	-	71.4
Cervix uteri	5.0	-	9.6	1.6	-	3.0	71.3	-	71.3
Corpus uteri	13.2	-	24.1	1.2	-	2.0	85.3	-	85.3
Uterus, NOS	0.2	-	0.4	1.2	-	2.1	29.4	-	29.4
Ovary	9.1	-	16.8	5.0	-	8.8	53.0	-	53.0
Vagina	0.4	-	0.7	0.2	-	0.3	46.1	-	46.1
Vulva	1.3	-	2.2	0.3	-	0.4	76.3	-	76.3
Other female genital system	0.4	-	0.7	0.1	-	0.2	64.9	-	64.9
Male Genital System:	76.7	176.4	-	12.3	33.4	-	97.2	97.2	-
Prostate	73.7	170.1	-	12.1	32.9	-	97.5	97.5	-
Testis	2.6	5.2	-	0.1	0.3	-	95.5	95.5	-
Penis	0.3	0.8	-	0.1	0.2	-	74.9	74.9	-
Other male genital system	0.2	0.4	-	0.0	0.0	-	78.5	78.5	-
Urinary System:	32.3	52.8	17.3	8.8	14.1	5.3	74.4	76.8	69.3
Urinary bladder	20.3	36.0	9.1	4.4	7.7	2.3	81.8	84.0	75.7
Kidney & renal pelvis	11.1	15.4	7.7	4.2	6.1	2.8	62.6	62.5	62.6
Ureter	0.5	0.8	0.3	0.1	0.2	0.1	55.6	54.9	56.8
Other urinary system	0.3	0.5	0.2	0.1	0.1	0.1	63.7	69.8	52.9
Eye & Orbit	0.8	0.9	0.6	0.1	0.1	0.1	82.0	82.4	81.6
Brain & Nervous System: ^d	6.4	7.7	5.3	4.7	5.7	3.8	32.8	33.1	32.5
Brain	6.0	7.2	5.0	-	-	-	30.2	30.5	29.8
Cranial nerves & other nervous system	0.4	0.4	0.4	-	-	-	73.6	76.0	71.1
Endocrine System:	7.5	4.3	10.5	0.8	0.8	0.8	92.6	87.0	94.7
Thyroid	6.8	3.6	9.9	0.5	0.4	0.5	95.8	92.4	96.9
Other endocrine & thymus	0.6	0.7	0.6	0.3	0.4	0.3	60.2	62.3	57.8
Lymphoma:	21.8	26.5	18.0	9.1	11.3	7.4	60.7	57.5	64.5
Hodgkin lymphoma	2.7	3.0	2.4	0.5	0.6	0.4	84.1	82.4	86.0
Non-Hodgkin lymphoma	19.1	23.5	15.6	8.6	10.7	7.0	56.1	52.9	60.1
Myeloma	5.6	7.0	4.6	3.9	4.8	3.2	31.5	33.5	29.4
Leukemia:	12.1	15.8	9.3	7.7	10.3	5.9	46.3	47.1	45.3
Lymphocytic:	5.5	7.3	4.0	2.3	3.2	1.6	70.6	70.3	71.1
Acute lymphocytic	1.5	1.7	1.3	0.5	0.6	0.4	63.5	61.6	66.1
Chronic lymphocytic	3.5	4.9	2.5	1.6	2.4	1.1	73.5	72.9	74.5
Other lymphocytic	0.5	0.7	0.3	0.2	0.2	0.1	80.0	83.5	70.6
Myeloid & Monocytic:	5.8	7.4	4.6	3.5	4.5	2.8	23.8	23.4	24.2
Acute myeloid	3.7	4.6	3.1	2.5	3.2	2.0	18.7	17.5	20.0
Chronic myeloid	1.7	2.2	1.2	0.8	1.0	0.6	34.9	35.0	34.9
Acute monocytic	0.2	0.3	0.2	0.1	0.1	0.0	19.2	21.5	15.7
Other myeloid & monocytic	0.2	0.2	0.1	0.2	0.2	0.1	23.1	23.8	22.3
Other:	0.8	1.0	0.7	2.0	2.6	1.5	15.1	15.9	14.2
Other acute	0.4	0.6	0.4	1.0	1.3	0.8	10.1	10.4	9.3
Aleukemic, subleuk & NOS	0.4	0.5	0.3	1.0	1.3	0.8	22.4	23.5	21.3
Ill-defined & unspecified	11.4	13.0	10.2	14.8	18.4	12.3	13.8	15.8	12.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

^a SEER 12 areas.

^b NCHS public use data file.

^c SEER 9 areas.

^d Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated.

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

Site	Whites								
	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	479.8	555.9	431.8	199.1	249.5	166.9	64.4	64.2	64.7
Oral Cavity & Pharynx:	10.8	16.0	6.5	2.7	4.0	1.6	59.7	58.9	61.2
Lip	1.2	2.2	0.4	0.0	0.1	0.0	94.6	95.5	90.1
Tongue	2.6	3.8	1.6	0.6	0.9	0.4	54.7	53.4	57.3
Salivary gland	1.3	1.7	1.0	0.3	0.4	0.2	74.2	69.6	79.8
Floor of mouth	0.9	1.2	0.6	0.1	0.1	0.0	54.3	54.0	54.7
Gum & other oral cavity	1.7	2.1	1.5	0.5	0.6	0.4	57.4	52.2	64.3
Nasopharynx	0.4	0.6	0.2	0.2	0.3	0.1	51.9	52.4	50.9
Tonsil	1.3	2.1	0.5	0.2	0.3	0.1	57.3	57.8	55.8
Oropharynx	0.3	0.5	0.2	0.2	0.3	0.1	40.4	40.9	39.6
Hypopharynx	0.8	1.4	0.4	0.1	0.2	0.1	33.1	32.6	34.5
Other oral cavity & pharynx	0.3	0.5	0.2	0.5	0.9	0.3	35.2	37.8	28.6
Digestive System:	88.7	109.3	73.0	45.9	59.0	36.1	45.4	43.6	47.3
Esophagus	4.4	7.5	2.0	4.1	7.3	1.7	15.4	15.2	16.2
Stomach	7.7	11.2	5.1	4.2	6.1	2.9	21.4	20.0	23.8
Small intestine	1.6	1.9	1.4	0.4	0.5	0.3	54.3	52.6	56.0
Colon & Rectum:	53.9	64.1	46.2	20.7	25.3	17.5	63.0	63.1	63.0
Colon	38.9	44.9	34.5	17.7	21.4	15.1	63.0	63.4	62.7
Rectum	15.0	19.2	11.8	3.0	3.9	2.3	63.0	62.4	63.8
Anus, anal canal & anorectum	1.4	1.3	1.5	0.2	0.1	0.2	66.6	60.6	70.7
Liver & Intrahep:	4.8	7.3	2.8	4.2	6.0	2.7	6.8	6.1	8.1
Liver	3.9	6.1	2.1	3.2	4.9	1.9	7.5	6.4	10.0
Intrahep bile duct	0.9	1.1	0.7	0.9	1.1	0.8	4.2	5.1	2.9
Gallbladder	1.2	0.8	1.5	0.7	0.5	0.9	14.5	13.3	14.9
Other biliary	1.4	1.8	1.2	0.6	0.7	0.5	19.5	21.9	17.2
Pancreas	10.8	12.4	9.5	10.3	12.0	8.9	4.4	4.3	4.5
Retroperitoneum	0.4	0.5	0.4	0.1	0.1	0.1	49.9	47.9	51.6
Peritoneum, omentum & mesentery	0.7	0.2	1.1	0.2	0.1	0.3	30.1	13.7	34.4
Other digestive system	0.4	0.5	0.4	0.2	0.3	0.2	6.7	2.5	11.5
Respiratory System:	69.1	89.4	54.5	58.4	81.1	42.2	18.8	18.6	19.0
Nose, nasal cavity & middle ear	0.7	0.9	0.6	0.2	0.2	0.1	58.8	59.7	57.6
Larynx	3.9	6.9	1.5	1.3	2.4	0.5	66.6	68.3	60.3
Lung & bronchus	63.2	79.4	51.9	56.7	78.1	41.5	15.1	13.4	17.2
Pleura	1.0	2.0	0.3	0.1	0.3	0.1	7.1	5.3	14.1
Trachea & other respiratory organs	0.2	0.3	0.2	0.1	0.1	0.1	43.2	44.9	39.4
Bones & joints	0.9	1.0	0.8	0.5	0.6	0.4	69.9	68.4	72.1
Soft tissue (incl heart)	2.9	3.4	2.5	1.4	1.6	1.3	68.8	69.0	68.5
Skin (ex basal & squam):	22.5	28.9	17.7	3.9	5.8	2.5	81.7	74.7	91.7
Melanoma of the skin	19.6	24.6	16.1	3.1	4.4	2.0	89.8	87.8	92.1
Other non-epithelial skin	2.9	4.4	1.6	0.8	1.4	0.4	46.3	37.5	86.9
Breast	76.5	1.2	140.8	15.4	0.3	27.2	87.9	85.0	87.9
Breast (<i>in situ</i>)	15.7	0.2	29.6	-	-	-	100.0	95.4	100.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

- ^a SEER 12 areas.
- ^b NCHS public use data file.
- ^c SEER 9 areas.
- Statistic could not be calculated.

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

Site	Whites								
	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	30.7	-	57.0	9.4	-	16.6	72.4	-	72.4
Cervix uteri	4.7	-	9.2	1.4	-	2.7	72.9	-	72.9
Corpus uteri	14.0	-	25.7	1.1	-	1.9	87.0	-	87.0
Uterus, NOS	0.2	-	0.4	1.1	-	1.9	29.1	-	29.1
Ovary	9.6	-	17.9	5.2	-	9.1	52.4	-	52.4
Vagina	0.4	-	0.7	0.1	-	0.2	45.9	-	45.9
Vulva	1.4	-	2.4	0.3	-	0.5	76.3	-	76.3
Other female genital system	0.4	-	0.7	0.1	-	0.2	65.5	-	65.5
Male Genital System:	75.2	171.5	-	11.3	30.7	-	98.1	98.1	-
Prostate	71.7	164.3	-	11.1	30.2	-	98.4	98.4	-
Testis	3.1	6.1	-	0.1	0.3	-	95.8	95.8	-
Penis	0.3	0.8	-	0.1	0.2	-	76.0	76.0	-
Other male genital system	0.1	0.3	-	0.0	0.0	-	78.6	78.6	-
Urinary System:	34.6	56.9	18.2	9.0	14.5	5.3	75.5	77.9	70.2
Urinary bladder	22.3	39.6	9.8	4.5	8.0	2.3	82.6	84.6	77.0
Kidney & renal pelvis	11.4	15.9	7.9	4.3	6.2	2.8	62.9	63.1	62.5
Ureter	0.6	0.8	0.4	0.1	0.2	0.1	57.9	58.5	56.9
Other urinary system	0.3	0.5	0.2	0.1	0.1	0.1	63.6	67.4	55.7
Eye & Orbit	0.9	1.0	0.7	0.1	0.1	0.1	81.4	82.0	80.8
Brain & Nervous System: ^d	7.1	8.5	5.9	5.0	6.0	4.1	32.1	32.3	31.8
Brain	6.7	8.0	5.6	-	-	-	29.3	29.5	29.2
Cranial nerves & other nervous system	0.4	0.4	0.4	-	-	-	75.9	79.2	72.0
Endocrine System:	7.7	4.5	10.9	0.8	0.8	0.7	93.0	87.9	95.0
Thyroid	7.1	3.8	10.3	0.5	0.4	0.5	96.1	92.7	97.2
Other endocrine & thymus	0.6	0.7	0.5	0.3	0.4	0.3	59.1	62.3	55.2
Lymphoma:	23.0	27.8	19.0	9.4	11.7	7.8	61.7	58.8	65.2
Hodgkin lymphoma	3.0	3.3	2.6	0.5	0.6	0.4	85.0	83.5	86.7
Non-Hodgkin lymphoma	20.1	24.5	16.4	8.9	11.1	7.3	57.2	54.1	60.9
Myeloma	5.2	6.7	4.1	3.5	4.5	2.9	30.9	33.1	28.5
Leukemia:	12.7	16.6	9.9	7.9	10.6	6.0	47.6	48.3	46.6
Lymphocytic:	6.0	7.9	4.5	2.3	3.3	1.7	71.8	71.6	72.2
Acute lymphocytic	1.6	1.8	1.5	0.5	0.7	0.4	63.4	61.4	66.2
Chronic lymphocytic	3.8	5.3	2.7	1.6	2.4	1.1	74.7	74.1	75.5
Other lymphocytic	0.5	0.8	0.3	0.2	0.2	0.1	82.8	86.4	72.8
Myeloid & Monocytic:	5.9	7.6	4.7	3.6	4.6	2.8	23.6	23.1	24.2
Acute myeloid	3.8	4.8	3.1	2.6	3.3	2.1	18.2	16.8	19.8
Chronic myeloid	1.7	2.3	1.3	0.8	1.0	0.6	34.9	35.0	34.8
Acute monocytic	0.3	0.3	0.2	0.1	0.1	0.0	21.3	23.0	17.9
Other myeloid & monocytic	0.2	0.2	0.1	0.2	0.2	0.1	23.9	26.6	20.9
Other:	0.8	1.1	0.7	2.0	2.6	1.6	14.7	15.6	13.8
Other acute	0.5	0.6	0.4	1.0	1.3	0.8	10.0	9.8	9.5
Aleukemic, subleuk & NOS	0.4	0.5	0.3	1.0	1.3	0.8	21.7	23.3	20.1
Ill-defined & unspecified	11.3	12.9	10.2	14.6	18.1	12.1	14.3	16.8	12.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

^a SEER 12 areas.

^b NCHS public use data file.

^c SEER 9 areas.

^d Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated.

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

Site	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	All Sites	521.7	696.8	406.3	257.1	356.2	198.6	53.3	55.0
Oral Cavity & Pharynx:	12.5	20.5	6.4	4.5	7.9	2.0	36.1	30.7	50.6
Lip	-	-	-	-	-	-	-	-	-
Tongue	2.7	4.5	1.4	0.9	1.6	0.4	34.4	30.8	43.6
Salivary gland	0.9	1.2	0.8	0.2	0.3	0.1	76.1	63.5	89.0
Floor of mouth	1.3	2.1	0.6	0.1	0.2	0.1	35.6	32.1	48.2
Gum & other oral cavity	2.1	3.1	1.4	0.6	1.0	0.4	38.1	26.4	62.5
Nasopharynx	0.7	1.0	0.4	0.3	0.5	0.2	43.8	42.5	46.4
Tonsil	1.9	3.4	0.7	0.4	0.7	0.2	33.7	31.8	40.7
Oropharynx	0.7	1.2	-	0.4	0.8	0.2	27.0	28.6	-
Hypopharynx	1.5	2.8	0.5	0.3	0.5	0.1	20.5	19.5	25.0
Other oral cavity & pharynx	0.5	1.0	-	1.2	2.2	0.4	14.9	16.4	-
Digestive System:	114.9	141.6	96.3	68.1	89.2	53.9	34.6	31.9	37.5
Esophagus	7.2	11.4	4.2	7.0	12.2	3.4	9.0	9.0	8.8
Stomach	14.0	19.9	9.9	9.4	14.0	6.5	20.5	19.4	22.3
Small intestine	3.0	3.6	2.6	0.6	0.7	0.5	46.6	44.0	50.0
Colon & Rectum:	62.6	72.4	56.2	28.5	34.6	24.6	53.4	53.4	53.4
Colon	48.4	54.4	44.7	25.0	30.0	21.9	53.2	53.9	52.7
Rectum	14.2	18.0	11.5	3.5	4.7	2.7	53.8	52.1	55.8
Anus, anal canal & anorectum	1.5	1.7	1.3	0.2	0.2	0.2	50.5	39.7	63.3
Liver & Intrahep:	6.9	11.0	3.9	6.1	9.3	3.7	4.9	4.2	6.0
Liver	6.3	10.2	3.4	5.3	8.4	3.0	5.1	4.4	6.4
Intrahep bile duct	0.6	0.8	0.4	0.8	0.9	0.7	0.0	0.0	0.0
Gallbladder	1.3	0.8	1.6	0.9	0.6	1.0	12.8	13.7	12.3
Other biliary	1.2	1.6	1.1	0.5	0.5	0.4	20.8	11.0	27.1
Pancreas	15.9	18.0	14.3	14.4	16.4	12.9	3.6	3.7	3.6
Retroperitoneum	0.4	0.5	0.4	0.1	0.1	0.1	43.8	45.7	42.9
Peritoneum, omentum & mesentery	0.4	-	0.6	0.1	0.1	0.2	38.1	-	27.2
Other digestive system	0.5	0.6	0.4	0.4	0.5	0.3	3.5	3.9	0.0
Respiratory System:	89.4	134.9	58.4	69.7	113.4	41.2	16.1	15.7	16.7
Nose, nasal cavity & middle ear	0.8	1.1	0.6	0.2	0.3	0.2	37.1	36.3	37.6
Larynx	6.5	12.0	2.6	2.9	5.7	0.9	52.7	54.1	48.3
Lung & bronchus	81.2	120.4	54.8	66.4	107.0	40.0	12.4	11.1	14.6
Pleura	0.6	1.0	0.3	0.1	0.1	0.0	8.6	4.4	-
Trachea & other respiratory organs	0.3	0.4	-	0.1	0.2	0.1	28.8	27.7	-
Bones & joints	0.7	0.9	0.6	0.5	0.6	0.4	66.0	65.3	66.8
Soft tissue (incl heart)	3.2	3.5	2.9	1.7	1.7	1.7	63.2	61.0	65.6
Skin (ex basal & squam):	4.4	6.9	2.4	1.1	1.6	0.8	42.0	33.5	76.8
Melanoma of the skin	1.1	1.5	0.8	0.5	0.5	0.5	64.4	63.9	64.3
Other non-epithelial skin	3.3	5.4	1.6	0.6	1.1	0.3	38.7	30.9	81.3
Breast	70.2	2.0	121.7	21.4	0.6	35.9	73.4	54.3	73.5
Breast (<i>in situ</i>)	14.7	-	25.8	-	-	-	100.0	-	100.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

- ^a SEER 12 areas.
- ^b NCHS public use data file.
- ^c SEER 9 areas.
- Statistic could not be calculated.

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

Blacks

Site	Incidence ^a (1996-2000)			US Mortality ^b (1996-2000)			Survival ^c (1992-1999)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	26.3	-	45.7	12.7	-	21.3	58.2	-	58.2
Cervix uteri	7.0	-	12.4	3.4	-	5.9	61.0	-	61.0
Corpus uteri	10.0	-	17.2	1.9	-	3.2	61.8	-	61.8
Uterus, NOS	0.4	-	0.7	2.3	-	3.8	25.3	-	25.3
Ovary	6.9	-	11.9	4.5	-	7.4	51.5	-	51.5
Vagina	0.6	-	1.0	0.2	-	0.4	45.4	-	45.4
Vulva	1.0	-	1.7	0.2	-	0.3	67.9	-	67.9
Other female genital system	0.4	-	0.7	0.2	-	0.3	62.8	-	62.8
Male Genital System:	112.3	274.9	-	25.6	73.4	-	93.3	93.3	-
Prostate	111.1	272.1	-	25.4	73.0	-	93.4	93.4	-
Testis	0.7	1.4	-	0.1	0.2	-	86.9	86.9	-
Penis	0.4	1.0	-	0.1	0.3	-	70.3	70.3	-
Other male genital system	0.2	0.4	-	-	-	-	-	-	-
Urinary System:	26.3	39.4	17.6	8.3	12.2	5.9	62.0	64.9	57.7
Urinary bladder	12.6	20.4	7.6	4.0	5.8	3.0	64.0	70.1	52.9
Kidney & renal pelvis	12.9	17.7	9.4	4.2	6.2	2.8	60.7	59.9	61.7
Ureter	0.2	-	-	0.1	-	0.1	-	-	-
Other urinary system	0.6	0.8	0.5	0.1	0.1	0.2	63.6	81.6	39.9
Eye & Orbit	0.2	-	-	0.0	0.0	0.0	88.5	-	89.0
Brain & Nervous System: ^d	4.0	4.8	3.4	2.7	3.3	2.3	38.6	40.1	36.9
Brain	3.6	4.4	2.9	-	-	-	36.9	39.2	34.3
Cranial nerves & other nervous system	0.4	0.4	0.5	-	-	-	55.1	50.1	58.6
Endocrine System:	4.6	2.7	6.2	0.8	0.7	0.9	89.2	81.6	91.8
Thyroid	3.9	2.0	5.6	0.5	0.3	0.5	93.9	87.6	95.0
Other endocrine & thymus	0.7	0.7	0.7	0.4	0.4	0.3	64.5	64.8	63.2
Lymphoma:	17.0	21.4	13.6	6.3	8.2	5.0	53.5	47.9	61.8
Hodgkin lymphoma	2.4	2.8	2.0	0.5	0.6	0.3	77.5	73.5	81.7
Non-Hodgkin lymphoma	14.6	18.6	11.6	5.9	7.6	4.6	47.1	42.3	54.9
Myeloma	11.2	12.9	10.2	7.6	9.2	6.6	33.3	34.8	32.0
Leukemia:	9.9	13.0	7.8	7.0	9.3	5.5	39.2	38.5	40.1
Lymphocytic:	4.0	5.6	2.8	2.1	3.0	1.5	57.4	54.6	61.6
Acute lymphocytic	0.9	1.0	0.7	0.4	0.5	0.3	59.8	56.6	63.0
Chronic lymphocytic	2.9	4.3	1.9	1.6	2.3	1.1	57.7	55.3	61.4
Other lymphocytic	0.2	-	-	0.1	0.2	0.1	45.1	-	-
Myeloid & Monocytic:	5.2	6.5	4.4	3.0	3.8	2.5	26.0	25.5	26.6
Acute myeloid	3.2	4.0	2.8	2.0	2.5	1.7	20.8	22.0	19.0
Chronic myeloid	1.6	2.2	1.2	0.9	1.1	0.7	35.4	31.4	41.1
Acute monocytic	0.2	-	-	0.0	-	-	-	-	-
Other myeloid & monocytic	0.2	-	-	0.1	0.2	0.1	33.4	-	-
Other:	0.7	0.9	0.6	1.9	2.5	1.5	23.2	18.6	27.6
Other acute	0.4	0.5	-	0.8	1.0	0.6	15.0	11.3	-
Aleukemic, subleuk & NOS	0.4	-	0.4	1.1	1.5	0.9	29.7	25.5	30.5
Ill-defined & unspecified	14.5	17.1	12.8	19.0	24.7	15.2	10.5	10.4	10.6

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are expressed as percents.

^a SEER 12 areas.

^b NCHS public use data file.

^c SEER 9 areas.

^d Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated.

SEER Incidence* and US Death Rates,# 1996-2000 5-Year Relative Survival Rates,^ 1992-1999 All Cancer Combined, by Race and Sex

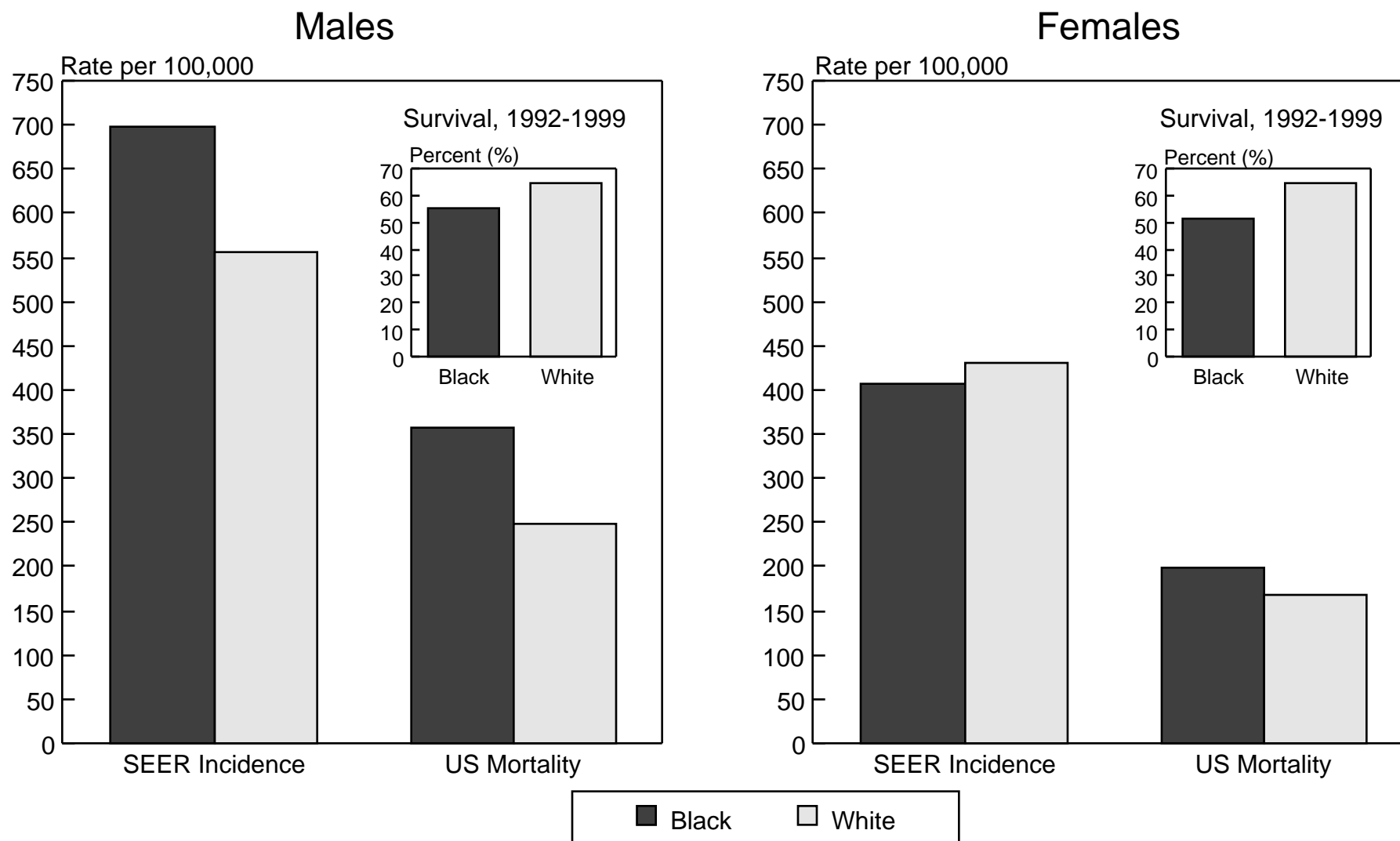


Figure 1-9

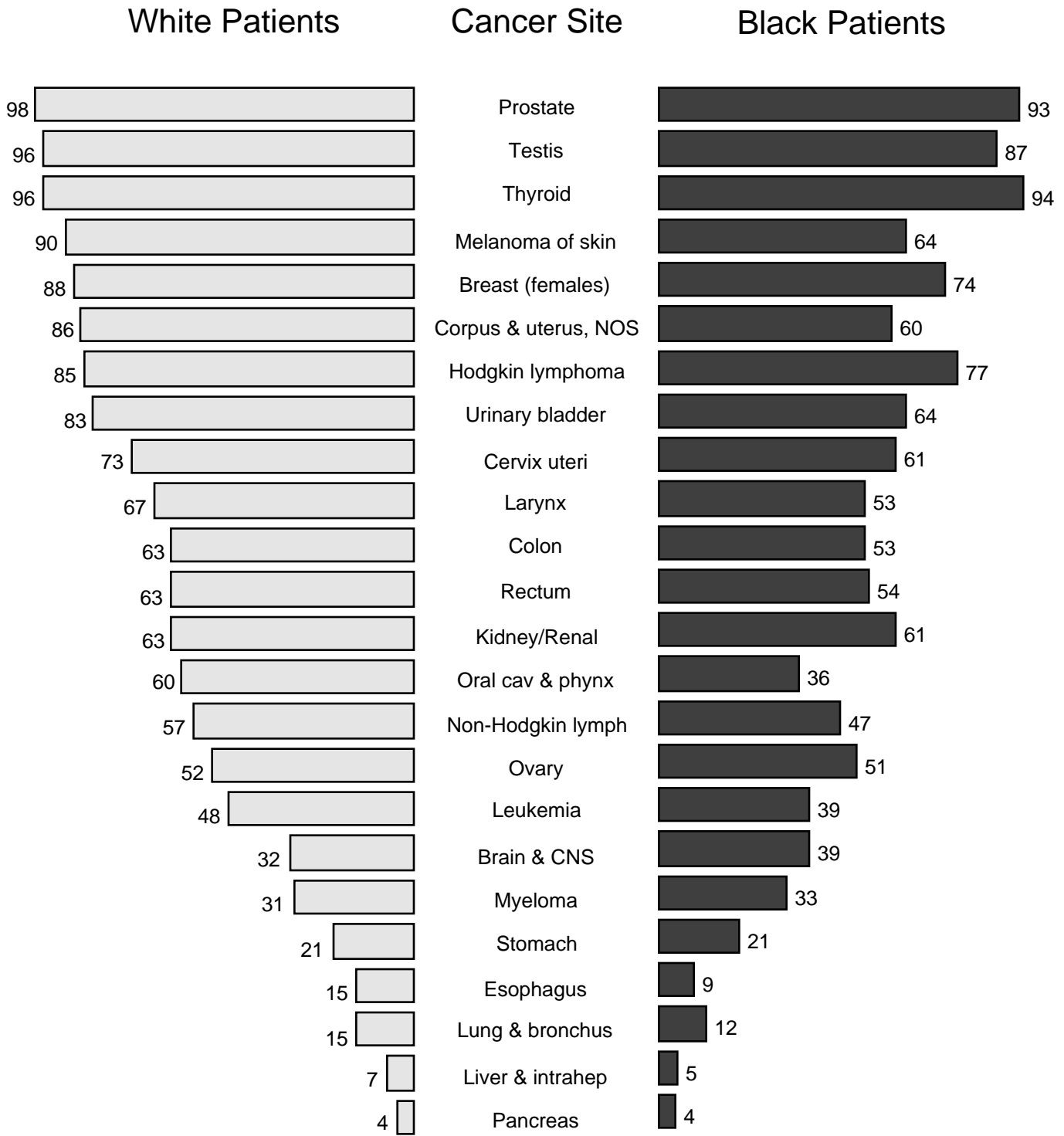
* Incidence rates are from the SEER 12 areas and are age-adjusted to the 2000 US standard population by 5-year age groups.

Death rates are from the NCHS public use data file and are age-adjusted to the 2000 US standard population by 5-year age groups.

^ Survival rates are from the SEER 9 areas. Relative survival rates are expressed as percents.

Figure I-11

5-Year Relative Survival Rates SEER Program, 1992-1999 Both Sexes, by Race



Source: SEER 9 areas.

Table II-4
ALL SITES (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	39	-	-	27	-	-
1970-1973 ^a	-	-	-	43	-	-	31	-	-
1974-1976 ^b	49.6	41.1	57.1	50.6	42.2	57.8	39.2	31.7	47.1
1977-1979 ^b	50.1	43.3	56.3	51.2	44.6	57.1	39.3	32.4	46.7
1980-1982 ^b	51.0	45.3	56.3	52.1	46.7	57.1	39.8	34.3	46.1
1983-1985 ^b	52.5	46.9	57.8	53.9	48.5	58.8	39.8	34.5	45.5
1986-1988 ^b	55.3	50.1	60.4	56.8	51.8	61.5	42.7	37.8	48.0
1989-1991 ^b	58.8	56.0	61.8	60.3	57.8	63.0	46.2	43.4	49.4
1992-1999 ^b	63.0 ^c	62.6 ^c	63.5 ^c	64.4 ^c	64.2 ^c	64.7 ^c	53.3 ^c	55.0 ^c	51.5 ^c
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	73.0	63.3	80.1	75.5	66.5	82.3	56.7	43.9	66.0
45-54	67.4	58.8	73.9	69.7	61.3	76.0	53.1	48.0	58.2
55-64	64.1	63.5	64.9	65.7	65.1	66.4	55.4	58.4	50.9
65-74	62.6	66.1	57.9	63.7	67.1	59.1	55.5	62.3	44.7
75+	53.4	58.4	49.0	54.5	59.4	50.2	43.8	52.5	35.4
Under 65	67.5	62.2	72.3	69.4	64.4	74.1	55.0	52.0	58.3
65 and over	58.9	63.4	53.9	60.0	64.4	55.0	51.4	59.4	40.8

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table III-4
BRAIN AND OTHER NERVOUS SYSTEM CANCER (Invasive)
SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	18	16	21	19	17	21
1970-1973 ^a	-	-	-	20	18	22	19	19	19
1974-1976 ^b	22.4	20.5	24.7	22.1	20.4	24.2	26.7	17.2	39.5 ^d
1977-1979 ^b	24.6	23.0	26.5	23.9	22.5	25.7	27.9	25.0	31.0 ^d
1980-1982 ^b	25.4	24.5	26.5	24.6	23.8	25.7	31.1	33.9	27.2 ^d
1983-1985 ^b	26.6	25.3	28.2	25.9	24.9	27.2	32.3	31.8	33.0 ^d
1986-1988 ^b	30.8	29.1	32.8	30.1	28.0	32.6	32.4	35.7	28.5
1989-1991 ^b	30.8	31.1	30.5	30.0	29.9	30.2	38.3	41.0	35.4
1992-1999 ^b	32.8 ^c	33.1 ^c	32.5 ^c	32.1 ^c	32.3 ^c	31.8 ^c	38.6 ^c	40.1 ^c	36.9
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	61.8	60.5	63.6	62.4	60.7	64.9	56.9	57.6	55.7
45-54	24.9	23.2	27.6	25.3	23.3	28.4	22.9 ^d	24.5 ^d	20.9 ^d
55-64	12.7	12.5	13.0	12.3	12.5	12.2	11.2	8.6 ^d	12.9 ^d
65-74	7.2	6.2	8.2	6.9	6.2	7.7	9.2	4.0	12.9 ^d
75+	4.1	3.9	4.2	3.5	3.7	3.3	14.1 ^d	-	15.6 ^d
Under 65	43.2	41.8	45.2	42.9	41.3	45.3	43.9	44.8	42.8
65 and over	6.0	5.5	6.6	5.6	5.4	5.9	12.0	6.9	15.0

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table IV-7
FEMALE BREAST CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	63	-	-	46	-	-
1970-1973 ^a	-	-	-	68	-	-	51	-	-
1974-1976 ^b	74.7	76.4	74.1	75.3	77.4	74.6	63.2	64.3	62.5
1977-1979 ^b	74.7	75.8	74.4	75.5	76.8	75.0	63.1	65.3	61.8
1980-1982 ^b	76.3	77.1	76.1	77.1	77.9	76.9	65.8	68.8	64.1
1983-1985 ^b	78.1	77.3	78.3	79.2	79.0	79.3	63.5	63.3	63.6
1986-1988 ^b	82.8	80.1	83.8	83.9	81.5	84.7	69.2	67.3	70.2
1989-1991 ^b	84.9	82.6	85.8	86.1	84.5	86.8	71.1	69.1	72.4
1992-1999 ^b	86.6 ^c	84.5 ^c	87.5 ^c	87.9 ^c	86.3 ^c	88.5 ^c	73.5 ^c	71.1 ^c	75.1 ^c
1992-1999 ^b									
ALL STAGES	86.6	84.5	87.5	87.9	86.3	88.5	73.5	71.1	75.1
LOCALIZED	97.0	94.0	98.0	97.6	95.0	98.4	89.7	85.7	91.9
REGIONAL	78.7	78.7	78.7	80.3	80.8	80.2	66.0	66.3	65.7
DISTANT	23.3	30.1	21.0	24.6	32.6	22.2	15.2	19.5	13.0
UNSTAGED	56.0	64.4	53.6	56.3	68.3	53.2	52.0	49.1 ^d	53.6
<i>IN SITU</i> ^f	100.0	99.9	100.0	100.0	100.0	100.0	100.0	99.5	100.0

STAGE DISTRIBUTION (%) 1992-1999^b

ALL STAGES									
Number of cases	116,587	28,845	87,742	99,078	22,955	76,123	9,801	3,453	6,348
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	63	56	66	64	57	66	53	48	56
REGIONAL	29	37	26	28	37	26	34	41	31
DISTANT	6	5	6	5	5	6	9	8	9
UNSTAGED	3	2	3	2	2	3	4	3	4

5-YR RELATIVE SURVIVAL RATES, 1992-1999^b

AGE AT DIAGNOSIS:									
<45	83.1	-	-	85.0	-	-	70.2	-	-
45-54	86.9	-	-	88.5	-	-	73.6	-	-
55-64	87.6	-	-	88.8	-	-	75.9	-	-
65-74	88.9	-	-	89.6	-	-	79.4	-	-
75+	85.8	-	-	86.7	-	-	67.4	-	-
Under 65	86.2	-	-	87.8	-	-	73.1	-	-
65 and over	87.7	-	-	88.5	-	-	74.9	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- ^f *In situ* cases are not included in the All Stages group.
- Statistic could not be calculated.

Table V-4
CERVIX UTERI CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	58	-	-	47	-	-
1970-1973 ^a	-	-	-	64	-	-	61	-	-
1974-1976 ^b	69.1	81.4	58.2	69.8	82.3	58.7	63.8	75.2	54.0
1977-1979 ^b	68.5	78.2	59.7	69.6	80.0	60.5	62.2	71.6	52.7
1980-1982 ^b	67.7	79.5	56.1	68.2	80.7	55.7	61.4	72.3	51.1
1983-1985 ^b	68.8	78.3	57.9	70.5	80.4	58.8	60.5	69.9	50.5
1986-1988 ^b	69.0	78.7	56.7	71.8	81.4	58.4	55.6	63.7	47.9
1989-1991 ^b	70.9	78.3	60.8	72.4	80.8	60.1	62.6	66.9	57.5
1992-1999 ^b	71.3 ^c	80.0	58.5	72.9 ^c	82.5	57.8	61.0	64.0 ^c	56.9
1992-1999 ^b									
ALL STAGES	71.3	80.0	58.5	72.9	82.5	57.8	61.0	64.0	56.9
LOCALIZED	92.2	94.3	87.2	92.6	95.5	85.2	87.2	85.9	90.4
REGIONAL	50.9	55.4	47.2	51.8	57.8	46.6	41.4	39.1	43.7
DISTANT	16.5	23.2	12.1	17.5	26.7	11.8	11.6	15.8 ^d	7.6 ^d
UNSTAGED	56.5	71.1	41.8	59.0	74.3	42.7	50.9 ^d	57.1 ^d	44.4 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	8,628	4,993	3,635	6,440	3,845	2,595	1,251	690	561
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	54	66	39	56	68	40	47	55	36
REGIONAL	32	24	42	30	23	41	35	30	41
DISTANT	8	5	11	7	5	11	8	6	11
UNSTAGED	7	5	8	6	5	8	10	8	13
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	82.4	-	-	84.6	-	-	68.1	-	-
45-54	68.1	-	-	70.1	-	-	52.3	-	-
55-64	63.4	-	-	61.8	-	-	61.1	-	-
65-74	58.7	-	-	58.6	-	-	56.4 ^d	-	-
75+	42.3	-	-	39.9	-	-	51.9 ^d	-	-
Under 65	75.5	-	-	77.3	-	-	62.9	-	-
65 and over	52.2	-	-	51.4	-	-	54.3	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table VI-7
COLON AND RECTUM CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	-	-	-	-	-	-
1970-1973 ^a	-	-	-	-	-	-	-	-	-
1974-1976 ^b	49.8	48.9	50.7	50.1	49.2	50.9	45.1	42.0	47.8
1977-1979 ^b	52.0	50.8	53.1	52.3	51.2	53.3	45.8	43.9	47.4
1980-1982 ^b	54.4	53.9	54.9	54.9	54.5	55.2	46.6	43.6	49.2
1983-1985 ^b	56.9	56.9	57.0	57.7	57.7	57.7	48.1	47.0	49.1
1986-1988 ^b	60.2	60.4	60.0	60.9	61.3	60.4	52.5	50.9	53.9
1989-1991 ^b	61.8	62.0	61.6	62.3	62.6	62.1	54.0	54.3	53.8
1992-1999 ^b	62.3 ^c	62.4 ^c	62.3 ^c	63.0 ^c	63.1 ^c	63.0 ^c	53.4 ^c	53.4 ^c	53.4 ^c
1992-1999 ^b									
ALL STAGES	62.3	62.4	62.3	63.0	63.1	63.0	53.4	53.4	53.4
LOCALIZED	90.1	90.5	89.6	90.6	91.1	90.0	83.4	83.0	83.8
REGIONAL	65.5	65.0	66.1	66.3	65.7	66.9	58.5	59.1	58.1
DISTANT	9.2	8.9	9.5	9.3	9.0	9.6	8.3	7.3	9.0
UNSTAGED	35.5	39.8	31.4	35.6	39.7	31.6	35.1	42.8	28.6
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	83,374	41,978	41,396	69,636	35,123	34,513	7,424	3,435	3,989
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	38	39	37	38	39	37	34	33	34
REGIONAL	38	37	38	38	37	39	36	36	36
DISTANT	19	20	19	19	20	19	24	25	23
UNSTAGED	5	5	6	5	5	6	7	7	7
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	60.8	60.4	61.2	61.9	61.0	63.0	54.1	55.8	52.6
45-54	64.5	62.9	66.5	65.3	63.4	67.9	59.3	57.5	61.1
55-64	63.9	64.0	63.8	64.8	65.0	64.4	55.4	55.2	55.6
65-74	64.0	63.6	64.6	64.7	64.1	65.4	54.4	53.1	55.8
75+	59.1	59.7	58.8	60.0	60.7	59.6	45.5	46.4	45.1
Under 65	63.6	63.2	64.1	64.5	64.0	65.2	56.5	56.1	56.8
65 and over	61.7	62.1	61.5	62.5	62.8	62.2	50.6	50.8	50.7

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table VI-8
COLON CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	43	42	44	34	32	35
1970-1973 ^a	-	-	-	49	47	50	37	36	38
1974-1976 ^b	50.4	49.5	51.1	50.6	49.9	51.3	46.2	44.9	47.3
1977-1979 ^b	52.9	51.8	53.9	53.1	52.0	53.9	48.2	45.9	50.0
1980-1982 ^b	55.4	55.6	55.2	55.7	56.0	55.4	49.3	46.7	51.3
1983-1985 ^b	57.7	58.2	57.4	58.5	59.0	58.0	49.5	48.4	50.3
1986-1988 ^b	60.9	61.7	60.2	61.6	62.5	60.7	53.0	52.6	53.3
1989-1991 ^b	62.5	63.0	62.1	63.1	63.8	62.6	53.9	53.7	54.1
1992-1999 ^b	62.3 ^c	62.7 ^c	61.9 ^c	63.0 ^c	63.4 ^c	62.7 ^c	53.2 ^c	53.9 ^c	52.7 ^c
1992-1999 ^b									
ALL STAGES	62.3	62.7	61.9	63.0	63.4	62.7	53.2	53.9	52.7
LOCALIZED	91.6	92.5	90.7	92.1	93.2	91.1	85.2	85.2	85.2
REGIONAL	67.9	68.1	67.8	68.7	68.6	68.8	60.8	63.0	59.1
DISTANT	9.4	9.0	9.8	9.5	9.0	10.0	8.2	7.5	8.7
UNSTAGED	31.4	36.6	27.1	31.7	36.6	27.6	30.1	38.1 ^d	23.9
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	59,530	28,554	30,976	49,686	23,916	25,770	5,626	2,501	3,125
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	36	37	35	36	37	35	32	32	32
REGIONAL	39	37	40	39	37	40	37	36	37
DISTANT	21	22	20	21	21	20	26	27	25
UNSTAGED	5	4	5	5	4	5	6	6	6
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	59.0	60.3	57.6	59.9	60.1	59.7	52.5	58.3	47.7
45-54	62.5	61.2	64.1	63.4	61.4	65.9	57.5	57.2	57.9
55-64	63.2	63.9	62.2	64.1	65.0	62.8	53.6	53.2	54.1
65-74	64.1	64.2	64.0	64.7	64.9	64.6	56.0	55.2	56.8
75+	60.5	61.1	60.1	61.4	62.0	61.0	47.0	48.7	46.1
Under 65	62.4	62.6	62.1	63.3	63.3	63.2	54.7	55.4	54.1
65 and over	62.3	63.0	61.9	63.1	63.8	62.6	52.1	52.9	51.7

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table VI-9
RECTUM CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	38	36	41	27	28	27
1970-1973 ^a	-	-	-	45	43	48	30	20	40
1974-1976 ^b	48.5	47.7	49.6	48.9	48.0	49.9	42.0	34.7	49.3
1977-1979 ^b	49.8	48.8	51.0	50.6	49.8	51.6	39.0	38.5	39.4
1980-1982 ^b	52.2	50.6	54.0	53.1	51.6	54.7	38.1	36.1	40.6
1983-1985 ^b	55.1	54.4	55.9	55.9	55.2	56.8	43.9	42.8	44.9
1986-1988 ^b	58.5	57.9	59.3	59.2	58.9	59.5	51.1	46.2	56.0
1989-1991 ^b	60.1	59.8	60.5	60.5	60.2	60.8	54.3	56.1	52.6
1992-1999 ^b	62.4 ^c	61.7 ^c	63.3 ^c	63.0 ^c	62.4 ^c	63.8 ^c	53.8 ^c	52.1 ^c	55.8
1992-1999 ^b									
ALL STAGES	62.4	61.7	63.3	63.0	62.4	63.8	53.8	52.1	55.8
LOCALIZED	87.1	87.0	87.2	87.6	87.4	87.8	79.1	78.6	80.0
REGIONAL	59.2	58.3	60.3	60.0	59.6	60.7	50.6	48.3	53.4
DISTANT	8.5	8.5	8.4	8.5	8.8	8.2	8.8	6.6	10.9
UNSTAGED	41.9	44.1	39.2	41.7	43.9	39.0	44.7 ^d	48.7 ^d	38.7 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	23,844	13,424	10,420	19,950	11,207	8,743	1,798	934	864
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	43	42	44	43	42	44	40	38	42
REGIONAL	35	36	34	35	36	34	32	34	30
DISTANT	15	16	15	15	16	14	19	20	17
UNSTAGED	7	6	7	7	6	7	10	9	11
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	63.7	60.6	67.5	65.2	62.4	68.5	57.8	51.5 ^d	65.8 ^d
45-54	67.6	65.3	71.2	68.3	66.4	71.4	63.3	58.1	70.2
55-64	65.4	64.2	67.4	66.0	64.8	68.0	60.4	60.2	60.7
65-74	63.9	62.1	66.4	64.6	62.5	67.5	48.8	46.7	51.5
75+	54.6	55.8	53.7	55.5	56.8	54.5	39.7	38.8 ^d	40.4 ^d
Under 65	65.8	64.0	68.6	66.6	64.9	69.1	60.9	57.8	64.9
65 and over	60.0	59.9	60.1	60.7	60.5	60.9	45.1	44.1	46.2

a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

d

The standard error of the survival rate is between 5 and 10 percentage points.

e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table VII-4
CORPUS AND UTERUS, NOS CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	73	-	-	31	-	-
1970-1973 ^a	-	-	-	81	-	-	44	-	-
1974-1976 ^b	88.0	92.2	87.4	88.9	92.9	88.4	61.5	84.4 ^d	56.5
1977-1979 ^b	85.1	92.1	84.1	86.4	92.9	85.5	57.9	81.1 ^d	52.6
1980-1982 ^b	81.6	91.1	80.4	82.8	92.4	81.7	55.1	85.6 ^d	50.2
1983-1985 ^b	82.9	92.5	81.6	84.5	93.3	83.5	54.5	81.4 ^d	50.5
1986-1988 ^b	82.9	92.3	81.4	84.5	92.5	83.3	57.2	86.5	52.0
1989-1991 ^b	83.7	88.4	83.0	85.6	90.8	84.8	57.7	72.1 ^d	55.2
1992-1999 ^b	84.4 ^c	90.0	83.4 ^c	86.3 ^c	91.5	85.5 ^c	60.0	80.9	55.3
1992-1999 ^b									
ALL STAGES	84.4	90.0	83.4	86.3	91.5	85.5	60.0	80.9	55.3
LOCALIZED	96.2	96.4	96.2	97.0	97.5	97.0	83.5	90.5	81.4
REGIONAL	64.7	80.1	61.9	67.3	82.0	65.0	42.5	71.7 ^d	37.1
DISTANT	26.0	44.2	23.2	28.0	46.7	25.2	13.4	-	10.2
UNSTAGED	53.9	79.6	50.3	53.4	80.8 ^d	50.1	48.5 ^d	-	46.7 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	22,437	3,252	19,185	19,535	2,529	17,006	1,390	227	1,163
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	73	76	72	74	76	74	53	68	50
REGIONAL	15	14	15	14	14	14	22	17	23
DISTANT	8	7	8	8	7	8	17	9	19
UNSTAGED	4	4	5	4	3	4	8	7	8
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	90.0	-	-	90.9	-	-	83.7	-	-
45-54	90.4	-	-	91.9	-	-	73.7	-	-
55-64	87.6	-	-	90.1	-	-	57.7	-	-
65-74	82.9	-	-	85.2	-	-	54.8	-	-
75+	74.7	-	-	76.4	-	-	42.9	-	-
Under 65	88.9	-	-	90.8	-	-	67.9	-	-
65 and over	79.8	-	-	81.9	-	-	50.8	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table VIII-4
ESOPHAGUS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	4	4	6	1	0	2
1970-1973 ^a	-	-	-	4	4	4	4	4	3
1974-1976 ^b	4.9	3.9	7.3	5.3	4.6	6.8	4.0	2.1	9.1
1977-1979 ^b	5.1	4.9	5.8	5.7	5.8	5.6	2.8	2.4	4.3
1980-1982 ^b	6.7	6.0	8.5	7.3	6.5	9.2	5.4	4.6	7.2
1983-1985 ^b	8.3	6.9	11.8	9.4	7.8	13.2	6.2	5.0	9.5
1986-1988 ^b	9.8	9.9	9.6	10.7	11.2	9.6	7.2	7.0	7.6
1989-1991 ^b	11.0	10.8	11.4	11.7	11.8	11.5	8.9	8.0	10.5
1992-1999 ^b	14.0 ^c	13.9 ^c	14.5 ^c	15.4 ^c	15.2 ^c	16.2 ^c	9.0 ^c	9.0 ^c	8.8
1992-1999 ^b									
ALL STAGES	14.0	13.9	14.5	15.4	15.2	16.2	9.0	9.0	8.8
LOCALIZED	29.1	30.2	25.9	33.0	34.4	28.9	14.2	12.9	15.5 ^d
REGIONAL	13.1	12.7	14.5	13.7	13.4	14.8	11.8	10.6	14.8 ^d
DISTANT	2.2	2.1	2.8	2.0	1.7	3.4	2.8	3.1	2.0
UNSTAGED	11.6	11.2	12.5	13.2	12.3	15.0	7.0	9.0	3.5
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	7,012	5,285	1,727	5,502	4,171	1,331	1,099	772	327
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	25	25	26	25	25	27	26	27	25
REGIONAL	30	30	28	30	31	28	26	26	25
DISTANT	26	28	21	26	28	20	28	29	25
UNSTAGED	19	17	26	19	17	26	20	18	25
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	22.4	21.8	25.7 ^d	24.4	23.3	-	20.2	20.3 ^d	-
45-54	16.3	16.3	16.1	18.8	18.2	22.6 ^d	10.0	10.7	7.1
55-64	14.8	14.6	15.5	16.9	16.3	19.7	8.2	8.3	8.0
65-74	13.9	13.0	16.4	15.2	14.4	17.7	8.0	6.8	10.5
75+	9.5	9.3	9.9	10.2	10.1	10.3	3.9	2.9	-
Under 65	16.0	15.8	16.7	18.2	17.5	21.5	10.3	10.7	8.8
65 and over	12.3	11.8	13.3	13.2	12.9	14.0	7.0	6.0	8.8

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table IX-4
HODGKIN LYMPHOMA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	40	34	48	-	-	-
1970-1973 ^a	-	-	-	67	66	69	-	-	-
1974-1976 ^b	71.2	69.7	73.1	71.6	69.8	73.9	69.1	72.1 ^d	62.4 ^d
1977-1979 ^b	73.2	70.9	76.3	73.3	70.9	76.5	72.9	72.0 ^d	73.5 ^d
1980-1982 ^b	74.4	73.9	75.2	75.0	74.5	75.6	71.1	73.5 ^d	67.1 ^d
1983-1985 ^b	78.8	77.6	80.4	79.0	77.9	80.4	77.4	73.3 ^d	85.6 ^d
1986-1988 ^b	79.3	77.0	82.3	80.0	77.6	83.2	72.0	74.3 ^d	69.3 ^d
1989-1991 ^b	81.3	78.7	84.5	82.4	80.2	85.3	73.3	65.9 ^d	81.6
1992-1999 ^b	84.1 ^c	82.4 ^c	86.0 ^c	85.0 ^c	83.5 ^c	86.7 ^c	77.5 ^c	73.5	81.7 ^c
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	90.4	88.1	92.9	91.7	89.5	94.0	81.0	77.5	84.4
45-54	81.2	78.3	86.3	82.5	79.6	87.8	72.3 ^d	69.4 ^d	75.9 ^d
55-64	70.9	70.0	72.4	72.3	71.7	73.3	63.8 ^e	-	-
65-74	61.9	61.6 ^d	60.4	60.2	59.1 ^d	60.5 ^d	-	-	-
75+	36.8	39.8 ^d	34.6 ^d	38.0	39.6 ^d	36.7 ^d	-	-	-
Under 65	87.7	85.0	90.9	89.0	86.5	92.0	78.9	74.5	83.6
65 and over	51.4	54.8	48.4	51.6	54.1	49.4	38.5 ^e	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XI-4
KIDNEY AND RENAL PELVIS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	37	36	39	38	38	37
1970-1973 ^a	-	-	-	46	44	50	44	40	49
1974-1976 ^b	51.7	51.0	52.7	51.7	51.0	52.9	49.2	50.2	47.4 ^d
1977-1979 ^b	51.0	51.1	50.8	51.0	51.4	50.2	51.8	44.7	60.9 ^d
1980-1982 ^b	51.7	52.1	51.0	51.1	51.9	49.8	56.0	53.2	60.2 ^d
1983-1985 ^b	55.7	56.5	54.2	55.8	56.8	54.1	55.0	54.1	56.4
1986-1988 ^b	56.9	57.3	56.3	57.5	58.1	56.6	53.6	52.2	55.5
1989-1991 ^b	60.1	60.7	59.1	60.8	61.8	59.2	58.0	55.1	62.1
1992-1999 ^b	62.6 ^c	62.5 ^c	62.6 ^c	62.9 ^c	63.1 ^c	62.5 ^c	60.7 ^c	59.9 ^c	61.7 ^c
1992-1999 ^b									
ALL STAGES	62.6	62.5	62.6	62.9	63.1	62.5	60.7	59.9	61.7
LOCALIZED	89.9	90.5	89.1	90.6	91.5	89.4	85.1	84.6	85.9
REGIONAL	60.0	60.8	58.7	60.4	61.0	59.3	60.9	64.3 ^d	55.4 ^d
DISTANT	9.1	8.7	9.8	9.2	9.0	9.6	8.1	7.0	9.6
UNSTAGED	29.4	32.7	24.8	29.2	33.4	23.4	22.1 ^d	18.3 ^d	26.9 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	16,561	10,083	6,478	13,950	8,499	5,451	1,645	950	695
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	50	49	52	50	49	51	55	55	56
REGIONAL	22	23	21	22	23	21	17	16	17
DISTANT	22	22	21	22	22	21	20	21	19
UNSTAGED	6	6	7	6	6	7	8	8	8
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	80.3	78.9	82.3	81.0	80.0	82.7	74.8	72.4	77.2
45-54	68.0	64.9	74.4	68.4	65.8	74.0	64.0	60.2	71.8
55-64	62.7	61.0	66.0	62.8	60.9	66.5	62.8	61.6	64.8 ^d
65-74	59.6	60.5	58.5	60.6	61.8	59.1	52.1	52.8 ^d	51.2 ^d
75+	48.3	51.7	45.3	49.3	53.0	45.8	41.5 ^d	45.2 ^d	38.5 ^d
Under 65	68.4	66.0	73.0	68.6	66.3	72.9	66.7	63.6	71.6
65 and over	55.4	57.7	52.6	56.3	59.0	53.2	48.2	50.2	46.0

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XII-4
LARYNX CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	53	54	46	-	-	-
1970-1973 ^a	-	-	-	62	63	56	-	-	-
1974-1976 ^b	65.7	65.4	67.2	66.4	66.1	67.9	59.9	59.1	64.0 ^d
1977-1979 ^b	67.0	67.8	62.9	68.2	69.3	62.7	55.8	54.0	63.0 ^d
1980-1982 ^b	68.1	68.0	68.5	69.3	69.0	70.4	58.3	59.7	50.6 ^d
1983-1985 ^b	67.1	68.3	61.7	68.6	69.6	63.5	55.3	56.5	51.3 ^d
1986-1988 ^b	66.7	67.4	64.2	68.7	69.8	64.4	53.9	52.0	61.5 ^d
1989-1991 ^b	65.5	66.7	61.1	66.6	67.9	62.0	55.8	55.9	55.2 ^d
1992-1999 ^b	64.7	66.4	58.8 ^c	66.6	68.3	60.3 ^c	52.7	54.1	48.3
1992-1999 ^b									
ALL STAGES	64.7	66.4	58.8	66.6	68.3	60.3	52.7	54.1	48.3
LOCALIZED	82.6	84.4	75.0	83.7	85.8	75.2	72.2	73.4	67.9 ^d
REGIONAL	47.9	48.5	46.2	49.5	50.2	47.2	40.0	40.6	38.1 ^d
DISTANT	20.0	20.1	18.3 ^d	17.4	17.8	13.8 ^d	30.3 ^d	29.4 ^d	-
UNSTAGED	54.0	55.4	50.3 ^d	57.5	58.1	55.7 ^d	34.0 ^d	-	-
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	6,746	5,359	1,387	5,524	4,403	1,121	955	734	221
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	51	52	46	52	53	48	41	43	36
REGIONAL	41	40	45	40	39	43	50	49	52
DISTANT	4	4	3	4	4	3	5	5	6
UNSTAGED	4	4	6	5	4	6	4	3	6
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	65.2	63.9	68.5 ^d	69.7	69.5	70.2 ^d	52.3 ^d	49.3 ^d	-
45-54	64.5	65.7	58.6	68.5	69.6	62.5	48.5	49.7	45.0 ^d
55-64	66.7	67.4	63.9	68.0	68.7	65.4	58.2	59.0	55.9 ^d
65-74	64.3	66.2	57.0	65.3	66.9	59.3	52.5	58.2 ^d	35.7 ^d
75+	62.1	67.0	47.7	64.2	70.3	46.7 ^d	45.2 ^d	39.9 ^d	58.6 ^e
Under 65	65.8	66.5	63.1	68.3	69.0	65.4	53.6	54.1	52.5 ^d
65 and over	63.7	66.5	54.1	65.0	67.8	55.2	51.0	54.2	41.8 ^d

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XIII-8
LEUKEMIA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	14	-	-	-	-	-
1970-1973 ^a	-	-	-	22	-	-	-	-	-
1974-1976 ^b	34.4	33.2	36.0	35.2	33.9	36.8	31.2	32.2	30.2
1977-1979 ^b	37.2	36.5	38.2	38.1	37.3	39.1	30.4	29.2	31.6
1980-1982 ^b	38.7	38.4	39.1	39.5	39.6	39.4	32.9	30.1	36.2
1983-1985 ^b	40.7	40.2	41.5	42.1	41.6	42.6	33.6	32.3	35.0
1986-1988 ^b	43.2	44.2	41.8	44.2	45.5	42.5	38.1	36.5	39.8
1989-1991 ^b	44.8	44.5	45.1	46.1	46.6	45.6	34.4	29.6	39.9
1992-1999 ^b	46.3 ^c	47.1 ^c	45.3 ^c	47.6 ^c	48.3 ^c	46.6 ^c	39.2	38.5	40.1
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	60.6	59.7	62.0	62.3	61.3	63.9	51.7	48.8	55.5
45-54	55.0	56.8	52.3	57.7	58.8	56.0	42.2	43.1 ^d	40.8 ^d
55-64	49.1	51.1	45.9	51.6	53.9	47.8	35.5	35.8 ^d	35.9 ^d
65-74	41.7	40.1	44.0	43.6	41.5	46.4	33.4	32.6	34.0
75+	27.8	27.4	28.1	29.0	28.8	29.3	15.2	7.8	19.6
Under 65	56.0	56.4	55.4	58.0	58.3	57.4	46.3	44.8	48.6
65 and over	35.2	34.8	35.5	36.6	36.1	37.2	26.5	25.4	27.5

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table XIII-9
LYMPHOCYTIC LEUKEMIA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
ACUTE LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	38.3	34.3	43.9	38.6	34.4	44.6	27.7 ^c	-	-
1977-1979 ^a	51.0	47.6	55.8	52.1	49.5	55.9	40.9 ^c	-	-
1980-1982 ^a	53.2	49.5	58.2	53.4	49.8	58.5	39.5 ^c	34.1 ^c	44.6 ^d
1983-1985 ^a	51.3	48.1	55.4	52.4	49.3	56.5	35.2 ^c	37.8 ^c	-
1986-1988 ^a	55.2	53.6	57.6	55.6	53.6	58.6	46.9 ^c	41.5 ^c	50.9 ^c
1989-1991 ^a	58.9	57.4	61.1	59.7	58.7	61.0	49.6 ^c	53.0 ^c	46.3 ^c
1992-1999 ^a	63.5 ^b	61.6 ^b	66.1 ^b	63.4 ^b	61.4 ^b	66.2 ^b	59.8 ^b	56.6 ^c	63.0 ^c
ACUTE LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	73.2	70.4	77.3	73.8	70.8	78.2	65.1	61.4 ^c	69.8 ^c
45-54	27.0	22.7 ^c	34.9 ^c	22.3	18.8 ^c	30.2 ^c	-	-	-
55-64	19.4	20.2 ^c	18.7 ^c	18.7	22.8 ^c	12.6 ^c	-	-	-
65-74	11.2	11.0	12.4	13.1	12.5 ^c	14.9 ^c	-	-	-
75+	3.5	5.7	-	2.5	3.4	-	-	-	-
Under 65	68.1	65.1	72.4	68.3	65.1	73.1	62.3	58.7 ^c	66.3 ^c
65 and over	8.0	9.4	6.9	8.5	9.6	7.8	-	-	-
CHRONIC LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	68.2	65.6	71.7	68.5	65.6	72.4	63.2 ^c	64.5 ^c	61.3 ^c
1977-1979 ^a	70.1	68.3	72.3	71.3	69.2	73.9	51.0 ^c	53.8 ^c	47.6 ^c
1980-1982 ^a	68.4	67.8	69.3	69.2	69.2	69.2	57.5 ^c	50.7 ^c	69.2 ^c
1983-1985 ^a	73.5	72.0	75.6	73.9	72.4	76.1	68.0 ^c	65.9 ^c	67.4 ^c
1986-1988 ^a	73.4	72.1	75.2	74.3	73.4	75.7	65.5	62.7 ^c	69.8 ^c
1989-1991 ^a	73.0	72.0	74.4	74.2	73.1	75.7	55.6	50.9 ^c	60.7 ^c
1992-1999 ^a	73.5 ^b	72.9 ^b	74.5	74.7 ^b	74.1 ^b	75.5	57.7	55.3	61.4 ^c
CHRONIC LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	83.4	83.7	82.4 ^c	84.7	84.8	83.6 ^c	-	-	-
45-54	84.0	82.9	86.5	86.2	85.2	88.3	63.8 ^c	56.1 ^c	-
55-64	83.2	82.7	84.5	85.1	85.4	84.7	66.7 ^c	59.7 ^c	-
65-74	76.4	72.4	81.9	77.1	72.8	83.0	66.0 ^c	63.1 ^c	69.7 ^c
75+	58.1	55.9	60.0	59.4	57.0	61.5	28.0 ^c	15.1 ^c	34.9 ^c
Under 65	83.5	82.8	85.0	85.4	85.2	85.8	66.6 ^c	60.5 ^c	81.6 ^c
65 and over	68.1	65.8	70.6	69.0	66.4	71.8	50.9 ^c	49.1 ^c	52.5 ^c

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^c The standard error of the survival rate is between 5 and 10 percentage points.

^d The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table XIII-10
MYELOID LEUKEMIA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>ACUTE MYELOID LEUKEMIA</u>									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	6.0	5.5	6.4	6.1	6.1	6.2	7.3	2.7	10.7
1977-1979 ^a	8.4	7.5	9.4	7.5	6.4	8.8	15.7	15.0 ^c	16.4 ^c
1980-1982 ^a	8.6	7.6	9.9	7.9	6.2	10.0	11.3	14.1 ^c	8.1
1983-1985 ^a	11.4	10.8	12.1	11.0	10.6	11.5	9.9	9.1	10.7
1986-1988 ^a	11.7	9.2	14.5	11.7	9.7	14.0	11.0	4.9	16.9
1989-1991 ^a	13.7	11.8	15.9	13.1	11.9	14.6	12.0	7.9	17.6 ^c
1992-1999 ^a	18.7 ^b	17.5 ^b	20.0 ^b	18.2 ^b	16.8 ^b	19.8 ^b	20.8 ^b	22.0 ^b	19.0
<u>ACUTE MYELOID LEUKEMIA</u>									
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	42.1	40.8	43.6	43.2	41.3	45.2	38.8	39.5 ^c	37.6 ^c
45-54	28.0	25.7	30.5	28.7	25.8	32.0	25.2 ^c	24.5 ^c	24.8 ^c
55-64	13.4	11.6	15.7	14.5	12.5	17.2	5.5	-	5.0
65-74	5.6	4.6	6.8	6.0	4.9	7.4	1.3	2.4	-
75+	2.1	1.7	2.5	1.7	1.5	1.9	-	-	-
Under 65	30.8	28.7	33.1	31.1	28.4	34.2	29.9	31.3 ^c	28.0
65 and over	3.9	3.4	4.5	4.0	3.5	4.5	1.5	1.5	-
<u>CHRONIC MYELOID LEUKEMIA</u>									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	22.6	19.7	26.5	22.2	18.7	27.0	24.9 ^c	28.3 ^c	20.2 ^c
1977-1979 ^a	23.5	22.3	25.0	23.1	22.4	23.9	25.4 ^c	18.4 ^c	33.8 ^c
1980-1982 ^a	31.1	28.3	34.2	32.2	30.4	34.0	26.7 ^c	18.3 ^c	36.8 ^c
1983-1985 ^a	24.8	22.1	28.3	25.5	22.6	29.3	23.2	20.7 ^c	26.1 ^c
1986-1988 ^a	28.9	29.7	27.9	28.5	29.5	27.1	37.4 ^c	33.4 ^c	42.4 ^c
1989-1991 ^a	32.9	30.5	36.0	33.1	32.3	34.2	31.5 ^c	19.9 ^c	45.8 ^c
1992-1999 ^a	34.9 ^b	35.0 ^b	34.9 ^b	34.9 ^b	35.0 ^b	34.8 ^b	35.4	31.4	41.1 ^c
<u>CHRONIC MYELOID LEUKEMIA</u>									
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	52.0	50.2	55.2	52.6	50.7	56.0	48.8 ^c	39.4 ^c	66.8 ^d
45-54	48.0	45.4	50.9	50.6	46.4	55.6 ^c	37.6 ^d	-	-
55-64	34.6	34.9	34.1	34.4	35.1	33.2	27.0 ^d	-	-
65-74	26.4	25.0	28.2	27.1	26.4	28.1	27.5 ^c	21.3 ^c	34.1 ^d
75+	15.2	14.1	16.1	15.8	14.7	16.8	12.8 ^c	-	-
Under 65	45.9	44.9	47.5	46.3	45.0	48.4	42.1	37.7 ^c	49.5 ^c
65 and over	21.2	20.4	22.0	21.7	21.2	22.2	23.3 ^c	17.4 ^c	29.3 ^c

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).

^c The standard error of the survival rate is between 5 and 10 percentage points.

^d The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table XIV-4
LIVER AND INTRAHEPATIC BILE DUCT CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	-	-	-	-	-	-
1970-1973 ^a	-	-	-	-	-	-	-	-	-
1974-1976 ^b	3.8	2.5	6.1	4.4	2.7	7.0	1.0	0.0	3.3
1977-1979 ^b	3.7	2.1	6.6	3.4	2.2	5.5	4.9	3.4	8.6 ^d
1980-1982 ^b	3.5	2.6	5.0	3.9	2.8	5.5	1.6	2.2	0.0
1983-1985 ^b	5.6	4.0	8.8	5.9	4.4	8.7	4.0	1.1	10.8 ^d
1986-1988 ^b	6.1	3.9	10.2	6.9	4.3	11.2	5.7	4.6	7.4
1989-1991 ^b	5.2	4.0	7.5	5.8	4.1	8.7	2.3	1.3	3.9
1992-1999 ^b	6.9 ^c	6.7 ^c	7.4 ^c	6.8 ^c	6.1 ^c	8.1 ^c	4.9 ^c	4.2	6.0
1992-1999 ^b									
ALL STAGES	6.9	6.7	7.4	6.8	6.1	8.1	4.9	4.2	6.0
LOCALIZED	16.3	16.7	15.4	17.5	17.0	18.4	8.9	9.3	7.6
REGIONAL	6.0	5.3	7.6	5.5	4.5	7.5	5.5	4.8	8.3
DISTANT	1.9	1.5	2.8	1.5	1.2	2.4	1.5	0.0	3.1
UNSTAGED	2.5	2.1	3.6	2.2	1.2	4.2	2.7	2.6	0.0
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	7,772	5,232	2,540	5,131	3,400	1,731	852	595	257
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	27	27	26	27	27	26	26	25	29
REGIONAL	25	26	23	22	22	21	29	32	23
DISTANT	22	23	22	22	23	22	25	25	26
UNSTAGED	26	25	30	29	28	32	20	19	23
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	17.1	14.1	25.1	23.2	20.4	28.4	10.5	5.6	-
45-54	7.4	7.2	8.1	7.0	5.7	10.8	3.6	3.1	5.6
55-64	7.0	6.7	8.1	7.3	6.7	8.5	5.3	4.5	7.0
65-74	6.0	5.6	6.8	4.4	3.7	6.1	-	-	-
75+	2.8	3.0	2.7	3.1	2.6	3.7	1.2	2.6	-
Under 65	9.4	8.5	12.1	10.8	9.5	14.3	5.9	4.2	10.3
65 and over	4.7	4.7	4.6	3.8	3.3	4.7	2.8	3.7	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XV-7
LUNG AND BRONCHUS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	8	7	11	5	5	6
1970-1973 ^a	-	-	-	10	9	14	7	6	10
1974-1976 ^b	12.5	11.2	15.9	12.5	11.1	16.1	11.4	11.0	13.1
1977-1979 ^b	13.4	11.8	17.1	13.6	12.0	17.2	11.2	9.1	17.3
1980-1982 ^b	13.4	12.1	16.1	13.5	12.2	16.2	12.1	10.9	15.6
1983-1985 ^b	13.6	11.9	16.7	13.8	12.1	17.0	11.4	10.3	14.2
1986-1988 ^b	13.3	12.0	15.4	13.5	12.0	15.9	11.9	12.0	11.7
1989-1991 ^b	13.9	12.4	16.2	14.3	12.7	16.6	10.8	9.6	13.1
1992-1999 ^b	14.9 ^c	13.2 ^c	17.0 ^c	15.1 ^c	13.4 ^c	17.2 ^c	12.4 ^c	11.1	14.6
1992-1999 ^b									
ALL STAGES	14.9	13.2	17.0	15.1	13.4	17.2	12.4	11.1	14.6
LOCALIZED	48.7	44.6	53.2	49.2	45.0	53.6	43.3	40.0	47.7
REGIONAL	16.0	14.9	17.4	16.3	15.2	17.7	13.6	12.7	15.0
DISTANT	2.1	1.9	2.3	2.0	1.8	2.2	1.9	1.6	2.4
UNSTAGED	8.3	7.5	9.3	8.3	7.3	9.4	9.3	9.7	8.7
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	100,433	57,918	42,515	83,739	47,289	36,450	10,640	6,741	3,899
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	16	14	17	16	15	18	14	13	16
REGIONAL	36	37	35	35	36	34	37	36	37
DISTANT	38	39	37	38	39	37	40	42	38
UNSTAGED	10	10	11	11	10	11	10	9	10
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	21.8	18.8	25.7	23.9	20.8	27.6	16.1	12.6	21.7
45-54	18.1	15.9	21.0	18.9	16.5	21.9	13.8	13.0	15.3
55-64	16.9	14.6	20.1	17.4	15.1	20.4	13.4	11.4	17.1
65-74	14.9	13.3	17.0	15.1	13.4	17.4	11.7	10.8	13.1
75+	9.5	8.5	10.6	9.7	8.5	10.8	8.5	8.0	9.1
Under 65	17.6	15.3	20.9	18.3	15.9	21.4	13.9	12.0	17.2
65 and over	13.0	11.7	14.5	13.1	11.7	14.7	10.7	10.0	11.8

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XV-8
SMALL CELL LUNG AND BRONCHUS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	3.6	3.0	5.0	3.6	2.9	5.0	3.4	3.6	3.1
1977-1979 ^a	4.5	3.3	6.7	4.5	3.3	6.7	3.8	3.4	4.8
1980-1982 ^a	4.7	3.8	6.2	4.8	4.0	6.2	4.0	3.0	6.4
1983-1985 ^a	4.7	3.5	6.6	4.8	3.6	6.6	4.7	2.5	8.6
1986-1988 ^a	5.0	3.9	6.5	5.2	4.0	6.8	3.9	3.4	4.6
1989-1991 ^a	5.4	4.6	6.5	5.5	4.4	6.9	3.7	4.3	2.9
1992-1999 ^a	6.3 ^b	5.3 ^b	7.4 ^b	6.4 ^b	5.4 ^b	7.5 ^b	5.0 ^b	3.7 ^b	6.4
1992-1999 ^a									
ALL STAGES	6.3	5.3	7.4	6.4	5.4	7.5	5.0	3.7	6.4
LOCALIZED	19.9	17.4	22.8	21.1	18.9	23.6	9.4	4.1	14.6 ^c
REGIONAL	10.8	9.5	12.2	11.0	9.6	12.3	9.1	8.2	9.7
DISTANT	2.0	1.6	2.3	1.9	1.6	2.1	1.6	0.5	3.0
UNSTAGED	7.1	5.8	8.4	7.3	5.8	8.8	7.8	8.3 ^c	6.0 ^c
<u>STAGE DISTRIBUTION (%) 1992-1999^a</u>									
ALL STAGES									
Number of cases	15,356	8,170	7,186	13,467	7,036	6,431	1,182	666	516
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	6	6	7	6	6	7	7	7	7
REGIONAL	32	31	34	32	30	34	35	34	35
DISTANT	54	56	51	54	57	51	52	54	50
UNSTAGED	8	7	8	8	7	8	6	5	8
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	10.2	8.0	12.8	11.4	7.5	16.0	3.8	7.9 ^c	-
45-54	9.4	7.8	11.5	9.6	8.3	11.3	7.6	4.5	11.8
55-64	7.7	6.1	9.7	8.0	6.4	9.8	3.7	2.4	5.3
65-74	5.3	4.3	6.3	5.3	4.1	6.4	4.9	3.7	6.1
75+	3.9	3.9	3.9	3.8	4.0	3.7	5.8	3.9	7.3
Under 65	8.3	6.7	10.4	8.6	7.0	10.5	4.8	3.5	6.5
65 and over	4.8	4.2	5.5	4.8	4.1	5.5	5.2	3.8	6.4

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^c The standard error of the survival rate is between 5 and 10 percentage points.

^d The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table XV-9
NON-SMALL CELL LUNG AND BRONCHUS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 ^a	13.9	12.4	17.9	14.0	12.4	18.2	12.3	11.7	15.0
1977-1979 ^a	15.0	13.2	19.3	15.4	13.6	19.5	12.1	9.8	19.5
1980-1982 ^a	15.1	13.6	18.4	15.4	13.8	18.7	13.2	11.9	17.0
1983-1985 ^a	15.5	13.5	19.2	15.9	13.8	19.6	12.3	11.2	15.2
1986-1988 ^a	15.1	13.6	17.7	15.4	13.7	18.2	13.1	13.1	13.1
1989-1991 ^a	15.7	13.9	18.6	16.3	14.4	19.1	11.9	10.2	14.9
1992-1999 ^a	16.5 ^b	14.6 ^b	19.0 ^b	16.9 ^b	14.9 ^b	19.4 ^b	13.4	12.0	15.9
1992-1999 ^a									
ALL STAGES	16.5	14.6	19.0	16.9	14.9	19.4	13.4	12.0	15.9
LOCALIZED	50.7	46.5	55.3	51.3	46.9	55.7	45.3	42.0	50.0
REGIONAL	16.8	15.7	18.5	17.2	16.1	18.8	14.1	13.1	15.9
DISTANT	2.1	2.0	2.2	2.0	1.9	2.2	2.0	1.8	2.3
UNSTAGED	8.5	7.7	9.4	8.4	7.5	9.5	9.4	9.8	9.0
<u>STAGE DISTRIBUTION (%) 1992-1999^a</u>									
ALL STAGES									
Number of cases	85,077	49,748	35,329	70,272	40,253	30,019	9,458	6,075	3,383
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	17	16	19	18	16	20	15	14	17
REGIONAL	36	37	35	36	37	35	37	37	37
DISTANT	36	36	34	35	36	34	39	40	36
UNSTAGED	11	11	11	11	11	12	10	10	10
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^a</u>									
AGE AT DIAGNOSIS:									
<45	23.2	20.1	27.4	25.7	22.7	29.4	17.0	12.9	23.8
45-54	19.7	17.4	22.9	20.9	18.2	24.2	14.5	13.9	15.7
55-64	18.9	16.3	22.8	19.6	17.0	23.3	14.8	12.6	19.4
65-74	16.8	14.9	19.5	17.2	15.1	20.0	12.7	11.7	14.5
75+	10.4	9.1	11.8	10.6	9.2	12.0	8.7	8.3	9.3
Under 65	19.5	16.9	23.3	20.4	17.8	24.1	15.0	13.0	18.9
65 and over	14.4	12.9	16.3	14.7	13.0	16.7	11.5	10.7	12.7

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^c The standard error of the survival rate is between 5 and 10 percentage points.

^d The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table XVI-4
MELANOMA OF THE SKIN (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1960-1963 ^a	-	-	-	60	51	68	-	-	-
1970-1973 ^a	-	-	-	68	62	75	-	-	-
1974-1976 ^b	80.2	75.2	85.0	80.5	75.7	85.1	66.6 ^d	-	-
1977-1979 ^b	82.1	77.8	86.2	82.4	78.1	86.6	50.4 ^e	-	-
1980-1982 ^b	83.0	77.8	88.2	83.2	78.1	88.3	60.9 ^e	-	-
1983-1985 ^b	84.8	80.6	89.3	84.9	80.6	89.5	74.4 ^e	-	70.1 ^e
1986-1988 ^b	87.8	84.4	91.3	88.0	84.7	91.5	69.1 ^d	-	-
1989-1991 ^b	88.7	86.1	91.6	88.8	86.4	91.7	79.1 ^d	64.5 ^e	94.0 ^e
1992-1999 ^b	89.6 ^c	87.7 ^c	91.9 ^c	89.8 ^c	87.8 ^c	92.1 ^c	64.4 ^d	63.9 ^d	64.3 ^d
<u>1992-1999^b</u>									
ALL STAGES	89.6	87.7	91.9	89.8	87.8	92.1	64.4 ^d	63.9 ^d	64.3 ^d
LOCALIZED	96.7	96.5	97.1	96.7	96.5	97.1	85.0 ^d	85.8 ^e	84.9 ^d
REGIONAL	60.1	56.0	66.2	60.4	56.0	67.1	31.7 ^e	-	-
DISTANT	13.8	12.3	16.1	14.0	12.4	16.4	-	-	-
UNSTAGED	79.9	76.6	84.5	79.9	76.2	85.0	-	-	-
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
<u>ALL STAGES</u>									
Number of cases	25,746	14,053	11,693	25,346	13,851	11,495	140	70	70
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	82	80	84	82	80	85	61	54	67
REGIONAL	10	11	9	10	11	9	21	21	20
DISTANT	4	4	3	3	4	3	14	19	9
UNSTAGED	5	5	4	5	5	4	5	6	4
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	91.8	88.1	94.6	91.9	88.1	94.8	67.4 ^d	-	-
45-54	90.3	88.1	93.4	90.4	88.1	93.5	79.8 ^d	-	-
55-64	90.1	88.4	92.8	90.1	88.4	93.0	68.9 ^e	-	-
65-74	89.7	89.1	90.6	90.1	89.4	91.1	-	-	-
75+	82.1	83.1	80.9	82.5	83.6	81.3	35.7 ^e	-	-
Under 65	90.9	88.2	93.9	91.0	88.2	94.1	71.4 ^d	72.2 ^d	69.8 ^d
65 and over	86.9	87.1	86.6	87.3	87.5	87.0	52.1 ^e	48.4 ^e	-

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XVII-4
MYELOMA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	12	13	10	-	-	-
1970-1973 ^a	-	-	-	19	20	17	-	-	-
1974-1976 ^b	24.4	23.8	25.0	24.0	23.2	24.9	27.7	28.2	27.3
1977-1979 ^b	26.4	25.9	26.8	24.8	25.2	24.3	34.4	30.0	38.8
1980-1982 ^b	28.2	25.9	30.4	27.9	26.3	29.4	30.0	27.3	32.9
1983-1985 ^b	28.0	28.2	27.9	27.3	27.2	27.4	31.2	33.9	28.2
1986-1988 ^b	29.4	30.6	28.3	29.3	30.9	27.7	31.4	29.6	32.8
1989-1991 ^b	29.9	31.1	28.5	29.1	29.9	28.2	33.8	38.2	29.6
1992-1999 ^b	31.5 ^c	33.5 ^c	29.4 ^c	30.9 ^c	33.1 ^c	28.5 ^c	33.3	34.8	32.0
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	49.1	48.2	49.8	51.3	52.5 ^d	49.1 ^d	39.8 ^d	35.8 ^d	44.3 ^d
45-54	47.4	47.4	47.5	46.0	46.5	45.5	48.0	45.6 ^d	50.4 ^d
55-64	36.2	38.1	33.7	35.1	37.5	31.9	42.3	42.9	41.7
65-74	28.5	29.0	28.0	29.3	29.4	29.2	24.8	27.4	22.9
75+	20.5	22.4	19.3	20.5	22.3	19.3	18.6	20.0 ^d	17.4
Under 65	41.4	42.3	40.2	40.5	42.1	38.3	43.8	42.5	45.0
65 and over	24.9	26.4	23.7	25.2	26.6	24.1	22.3	24.9	20.6

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table XVIII-4
NON-HODGKIN LYMPHOMA

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	31	31	31	-	-	-
1970-1973 ^a	-	-	-	41	39	43	-	-	-
1974-1976 ^b	47.3	47.2	47.4	47.8	48.1	47.5	48.6	44.3 ^d	54.1 ^d
1977-1979 ^b	48.5	45.9	51.1	48.7	46.4	50.9	51.6	45.0	60.2 ^d
1980-1982 ^b	51.4	50.2	52.6	51.9	50.9	52.9	50.2	47.2	53.7
1983-1985 ^b	53.9	52.8	55.1	54.4	53.5	55.5	45.1	43.6	46.9
1986-1988 ^b	52.3	49.4	55.8	52.9	50.1	56.2	50.2	46.6	54.8
1989-1991 ^b	51.2	47.1	56.5	52.0	47.7	57.3	43.5	38.8	50.3
1992-1999 ^b	56.1 ^c	52.9 ^c	60.1 ^c	57.2 ^c	54.1 ^c	60.9 ^c	47.1	42.3	54.9
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	57.0	50.2	72.2	59.1	52.0	75.5	42.8	36.8	57.1
45-54	65.3	60.0	74.0	66.6	61.2	75.2	56.3	51.5	65.9
55-64	62.2	58.3	67.1	62.8	59.2	67.6	55.6	49.1	62.6
65-74	55.6	54.4	56.9	56.8	55.4	58.1	44.0	43.9 ^d	44.4 ^d
75+	42.2	39.7	43.8	43.1	40.9	44.6	35.0 ^d	34.7 ^d	35.2 ^d
Under 65	61.1	55.3	70.8	62.6	56.8	72.3	49.1	42.8	61.3
65 and over	49.8	48.7	50.6	50.8	49.8	51.6	40.5	40.9	40.4

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table XIX-4
 ORAL CAVITY AND PHARYNX CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	45	-	-	-	-	-
1970-1973 ^a	-	-	-	43	-	-	-	-	-
1974-1976 ^b	53.5	52.5	55.6	55.1	54.7	56.0	36.3	31.6	45.4
1977-1979 ^b	52.9	51.7	55.5	54.8	54.2	56.2	36.8	30.9	49.2
1980-1982 ^b	53.0	51.4	56.2	55.7	54.6	57.8	31.1	26.5	42.5
1983-1985 ^b	53.3	51.7	56.5	55.4	54.5	57.2	35.2	29.9	47.7
1986-1988 ^b	53.1	49.5	60.9	55.4	52.2	62.2	34.7	29.4	48.9
1989-1991 ^b	53.2	49.4	61.4	55.5	52.2	62.5	32.8	28.2	44.8
1992-1999 ^b	57.2 ^c	55.7 ^c	60.4 ^c	59.7 ^c	58.9 ^c	61.2 ^c	36.1	30.7	50.6
1992-1999 ^b									
ALL STAGES	57.2	55.7	60.4	59.7	58.9	61.2	36.1	30.7	50.6
LOCALIZED	82.1	81.8	82.8	82.7	82.7	82.6	68.8	62.7	77.7
REGIONAL	47.9	47.9	48.0	49.9	50.3	48.8	30.6	28.0	39.1
DISTANT	26.1	24.2	30.7	26.7	25.7	29.0	21.5	16.1	34.9 ^d
UNSTAGED	42.8	40.3	49.1	45.2	44.1	48.0	26.2	19.5	51.0 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	17,845	12,203	5,642	14,490	9,833	4,657	1,946	1,428	518
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	34	32	39	37	35	41	19	15	28
REGIONAL	48	50	45	46	47	43	57	60	51
DISTANT	9	10	8	9	9	8	15	15	13
UNSTAGED	9	9	8	9	9	8	10	10	8
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	69.3	63.7	81.3	72.1	67.1	83.1	48.0	38.4	70.5
45-54	59.6	57.5	66.2	64.9	63.0	71.1	33.6	30.6	44.7 ^d
55-64	56.1	54.0	61.4	59.5	57.8	64.1	34.5	29.9	48.0 ^d
65-74	54.6	53.7	56.3	56.3	55.8	57.3	31.8	27.2	41.3 ^d
75+	47.9	50.2	45.3	49.2	52.8	45.3	30.8 ^d	19.2 ^d	46.7 ^e
Under 65	60.5	57.4	68.4	64.1	61.6	71.0	37.4	32.0	53.5
65 and over	52.3	52.7	51.6	53.8	54.9	52.0	31.6	25.6	43.2 ^d

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
 - Statistic could not be calculated.

Table XX-4
OVARY CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	<u>All Races, Females</u>			<u>White Females</u>			<u>Black Females</u>		
	<u>All</u>	<u><65</u>	<u>65+</u>	<u>All</u>	<u><65</u>	<u>65+</u>	<u>All</u>	<u><65</u>	<u>65+</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	32	-	-	32	-	-
1970-1973 ^a	-	-	-	36	-	-	32	-	-
1974-1976 ^b	36.9	43.1	23.8	36.6	42.8	23.5	41.2	44.9	33.2 ^d
1977-1979 ^b	38.5	46.7	22.3	37.9	46.0	22.7	39.8	49.1	10.1
1980-1982 ^b	39.1	48.3	23.5	38.7	48.2	23.5	39.1	46.7	22.8 ^d
1983-1985 ^b	41.0	50.6	25.9	40.3	50.0	25.8	41.5	52.3	20.8
1986-1988 ^b	42.1	53.8	25.4	41.9	53.7	25.5	39.0	49.9	21.4
1989-1991 ^b	49.6	63.0	29.5	49.7	63.5	29.7	41.9	55.2	22.9
1992-1999 ^b	53.0 ^c	65.8	32.9	52.4 ^c	65.8	32.5	51.5 ^c	63.7	28.7 ^c
1992-1999 ^b									
ALL STAGES	53.0	65.8	32.9	52.4	65.8	32.5	51.5	63.7	28.7
LOCALIZED	94.7	95.4	92.6	94.8	95.4	93.1	92.5	94.2	84.7 ^d
REGIONAL	72.0	79.8	57.6	71.3	79.4	58.2	72.0 ^d	80.1 ^d	-
DISTANT	30.7	40.7	19.7	30.8	41.4	19.6	26.3	33.3	17.4
UNSTAGED	28.0	50.2	15.3	26.4	48.5	14.2	38.4 ^d	-	21.1 ^d

STAGE DISTRIBUTION (%) 1992-1999^b

ALL STAGES

Number of cases	15,199	8,551	6,648	13,145	7,195	5,950	1,016	611	405
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	29	41	15	29	41	15	28	38	14
REGIONAL	6	7	5	6	6	5	8	10	5
DISTANT	59	50	70	60	50	71	56	48	68
UNSTAGED	6	3	9	6	3	9	8	4	13

5-YR RELATIVE SURVIVAL RATES, 1992-1999^b

AGE AT DIAGNOSIS:

<45	82.3	-	-	83.0	-	-	77.1	-	-
45-54	63.6	-	-	64.0	-	-	60.4	-	-
55-64	49.7	-	-	49.6	-	-	47.6	-	-
65-74	39.2	-	-	38.9	-	-	30.5	-	-
75+	24.5	-	-	24.3	-	-	26.1	-	-
Under 65	65.8	-	-	65.8	-	-	63.7	-	-
65 and over	32.9	-	-	32.5	-	-	28.7	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXI-4
PANCREAS CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	1	1	2	1	0	3
1970-1973 ^a	-	-	-	2	2	2	2	0	3
1974-1976 ^b	2.6	3.0	2.2	2.6	3.1	2.1	2.5	1.9	3.1
1977-1979 ^b	2.4	2.2	2.6	2.3	2.1	2.4	3.8	2.8	4.8
1980-1982 ^b	3.0	2.5	3.4	2.8	2.5	3.0	4.5	3.2	5.8
1983-1985 ^b	3.3	2.8	3.7	2.9	2.7	3.2	5.0	4.4	5.5
1986-1988 ^b	3.6	3.3	3.9	3.2	2.9	3.4	6.2	6.4	6.0
1989-1991 ^b	4.0	3.6	4.4	4.1	3.8	4.3	4.0	3.3	4.6
1992-1999 ^b	4.4 ^c	4.3 ^c	4.5 ^c	4.4 ^c	4.3 ^c	4.5 ^c	3.6	3.7	3.6
1992-1999 ^b									
ALL STAGES	4.4	4.3	4.5	4.4	4.3	4.5	3.6	3.7	3.6
LOCALIZED	16.6	15.4	17.4	16.0	14.7	17.0	14.5	11.4 ^d	15.7
REGIONAL	6.8	6.8	6.9	7.1	7.2	6.9	4.9	5.6	3.9
DISTANT	1.6	1.4	1.7	1.7	1.5	1.9	1.2	1.1	1.3
UNSTAGED	4.1	5.7	2.9	3.7	5.3	2.7	5.0	8.1	2.6
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	17,116	8,274	8,842	13,847	6,675	7,172	2,017	934	1,083
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	8	7	8	8	7	8	8	6	9
REGIONAL	24	24	24	24	24	24	23	25	22
DISTANT	51	55	48	51	55	47	54	57	52
UNSTAGED	17	15	20	18	15	21	15	12	17
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	17.2	10.1	26.6	17.8	9.5	29.3	15.4	11.7	20.9 ^d
45-54	7.2	7.3	6.9	7.8	8.2	7.1	2.8	0.0	4.7
55-64	4.7	4.4	5.2	4.8	4.3	5.4	3.2	3.4	2.9
65-74	3.4	3.2	3.4	3.2	3.2	3.3	3.4	3.5	3.2
75+	2.6	2.7	2.6	2.7	2.7	2.7	1.3	1.6	0.6
Under 65	6.9	5.9	8.2	7.1	6.1	8.5	5.0	4.2	5.9
65 and over	3.0	3.0	3.0	3.0	3.0	3.0	2.5	2.9	2.1

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXII-4
PROSTATE CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Males			White Males			Black Males		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	50	-	-	35	-	-
1970-1973 ^a	-	-	-	63	-	-	55	-	-
1974-1976 ^b	67.1	71.5	65.5	68.1	72.9	66.4	58.4	60.7	57.0
1977-1979 ^b	71.1	75.8	69.4	72.2	77.5	70.3	62.6	64.4	61.8
1980-1982 ^b	73.4	76.4	72.3	74.5	77.9	73.3	64.8	66.7	63.7
1983-1985 ^b	74.8	75.7	74.5	76.3	77.5	75.9	63.8	64.6	63.5
1986-1988 ^b	81.2	81.3	81.1	82.7	83.1	82.6	69.2	69.9	69.0
1989-1991 ^b	90.6	90.1	90.8	91.9	91.3	92.1	80.7	82.1	80.2
1992-1999 ^b	97.5 ^c	97.5	98.2	98.4 ^c	98.1	99.2	93.4 ^c	95.8 ^c	92.7 ^c
1992-1999 ^b									
ALL STAGES	97.5	97.5	98.2	98.4	98.1	99.2	93.4	95.8	92.7
LOCAL/REGIONAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DISTANT	34.0	31.1	35.0	33.3	30.3	34.3	30.4	32.0	29.8
UNSTAGED	88.1	92.4	87.2	89.0	92.6	88.4	85.5	91.5	82.7

STAGE DISTRIBUTION (%) 1992-1999^b

ALL STAGES									
Number of cases	132,087	38,126	93,961	109,451	30,935	78,516	15,881	5,898	9,983
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCAL/REGIONAL									
DISTANT	86	91	84	86	92	84	82	87	78
UNSTAGED	6	4	7	5	4	6	8	6	10
UNSTAGED	8	5	10	8	5	10	10	7	12

5-YR RELATIVE SURVIVAL RATES, 1992-1999^b

AGE AT DIAGNOSIS:

<45	91.2	-	-	90.3	-	-	96.0	-	-
45-54	95.8	-	-	96.0	-	-	95.6	-	-
55-64	98.2	-	-	98.8	-	-	96.2	-	-
65-74	100.0	-	-	100.0	-	-	96.1	-	-
75+	94.1	-	-	95.5	-	-	84.4	-	-
Under 65	97.5	-	-	98.1	-	-	95.8	-	-
65 and over	98.2	-	-	99.2	-	-	92.7	-	-

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXIII-4
STOMACH CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	11	10	13	8	5	14
1970-1973 ^a	-	-	-	13	12	14	13	15	10
1974-1976 ^b	15.4	14.2	17.3	14.7	13.5	16.5	16.5	15.9	17.6
1977-1979 ^b	16.4	15.0	18.6	15.7	14.1	18.2	15.0	14.9	15.2
1980-1982 ^b	17.7	16.6	19.5	16.5	15.6	17.9	19.1	18.2	21.2
1983-1985 ^b	17.4	15.9	19.7	16.3	14.6	18.9	18.9	18.4	19.6
1986-1988 ^b	20.2	17.2	25.2	19.1	16.2	24.2	19.3	15.3	25.7
1989-1991 ^b	21.1	17.6	26.8	18.4	15.1	24.1	24.8	22.3	28.8
1992-1999 ^b	22.5 ^c	21.3 ^c	24.6 ^c	21.4 ^c	20.0 ^c	23.8 ^c	20.5	19.4	22.3
1992-1999 ^b									
ALL STAGES	22.5	21.3	24.6	21.4	20.0	23.8	20.5	19.4	22.3
LOCALIZED	59.0	58.5	59.8	55.4	54.3	57.1	56.1	54.4 ^d	58.8 ^d
REGIONAL	21.7	20.8	23.5	21.1	20.1	23.1	19.8	20.9	18.2
DISTANT	2.5	2.6	2.5	2.5	2.5	2.7	2.0	1.9	2.2
UNSTAGED	13.2	11.8	14.4	12.9	11.7	13.8	15.3	12.6	17.3 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	13,540	8,402	5,138	9,616	6,069	3,547	1,713	1,018	695
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	23	21	24	23	21	25	22	20	23
REGIONAL	32	34	29	31	33	28	30	31	29
DISTANT	32	34	30	32	34	30	34	37	30
UNSTAGED	14	12	17	14	12	18	15	12	18
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	27.4	24.3	32.1	28.8	24.0	37.6	27.4	25.6	30.0 ^d
45-54	22.5	19.8	29.5	21.8	18.9	30.0	21.5	16.9	32.9 ^d
55-64	23.1	22.3	24.9	21.4	20.4	23.9	23.0	23.6	21.8
65-74	23.5	22.3	25.9	21.9	21.2	23.4	21.7	19.5	25.5
75+	20.0	19.1	21.0	19.5	18.0	20.9	12.6	10.7	14.1
Under 65	23.8	21.9	27.8	22.7	20.5	28.2	24.1	22.2	28.1
65 and over	21.8	20.9	23.0	20.7	19.8	22.0	17.5	16.3	18.9

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXIV-4
TESTIS CANCER (Invasive)

SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Males			White Males			Black Males		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	63	-	-	-	-	-
1970-1973 ^a	-	-	-	72	-	-	-	-	-
1974-1976 ^b	78.7	78.1	82.9	78.8	78.2	83.3	75.9 ^d	-	-
1977-1979 ^b	87.4	88.5	77.1	87.8	88.9	78.1	66.2 ^e	-	-
1980-1982 ^b	91.8	91.9	91.8	92.1	92.0	92.7	89.7 ^d	89.2 ^d	-
1983-1985 ^b	91.0	91.8	82.3	91.3	92.3	80.7	87.9 ^d	84.3 ^d	-
1986-1988 ^b	95.1	95.2	93.4	95.6	95.7	94.3	-	-	-
1989-1991 ^b	95.4	95.4	93.8	95.8	95.8	94.8	89.3 ^d	93.3 ^d	-
1992-1999 ^b	95.5 ^c	95.8 ^c	89.8	95.8 ^c	96.1 ^c	90.4	86.9	87.4	-
1992-1999 ^b									
ALL STAGES	95.5	95.8	89.8	95.8	96.1	90.4	86.9	87.4	-
LOCALIZED	99.1	99.0	97.2	99.1	99.0	98.0	98.5	98.2	-
REGIONAL	95.0	95.8	85.4 ^d	95.4	96.3	85.5 ^d	79.1 ^e	78.7 ^e	-
DISTANT	73.1	75.3	47.4 ^d	73.8	76.3	43.4 ^d	-	-	-
UNSTAGED	90.4	90.8	-	91.2	91.7	-	-	-	-

STAGE DISTRIBUTION (%) 1992-1999^b

ALL STAGES

Number of cases	5,359	4,958	401	4,974	4,600	374	132	125	7
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	69	70	65	70	70	66	60	61	43
REGIONAL	19	18	19	19	18	19	21	21	14
DISTANT	11	10	13	10	10	12	18	17	43
UNSTAGED	2	2	3	2	2	3	2	2	-

5-YR RELATIVE SURVIVAL RATES, 1992-1999^b

AGE AT DIAGNOSIS:

<45	95.7	-	-	96.0	-	-	87.6	-	-
45-54	96.0	-	-	96.3	-	-	-	-	-
55-64	88.0	-	-	88.3	-	-	-	-	-
65-74	76.2 ^d	-	-	77.0 ^d	-	-	-	-	-
75+	85.4 ^e	-	-	-	-	-	-	-	-
Under 65	95.7	-	-	96.0	-	-	86.9	-	-
65 and over	78.8 ^d	-	-	80.6 ^d	-	-	-	-	-

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXV-4
 THYROID CANCER (Invasive)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	83	75	87	-	-	-
1970-1973 ^a	-	-	-	86	82	87	-	-	-
1974-1976 ^b	92.2	90.6	92.7	92.2	90.8	92.6	87.9	76.8 ^e	90.8
1977-1979 ^b	92.5	89.8	93.4	92.3	90.4	92.9	91.8	67.2 ^e	96.7
1980-1982 ^b	94.4	91.8	95.2	93.9	91.2	94.8	94.4	93.6 ^d	94.0
1983-1985 ^b	93.5	89.9	94.6	93.4	89.1	94.5	91.5	92.5 ^d	90.6
1986-1988 ^b	95.4	93.7	95.9	95.2	93.6	95.7	92.7	89.3 ^d	93.0
1989-1991 ^b	95.2	91.1	96.4	95.4	92.0	96.4	88.0	84.6 ^d	88.8
1992-1999 ^b	95.8 ^c	92.4	96.9 ^c	96.1 ^c	92.7	97.2 ^c	93.9	87.6	95.0
1992-1999 ^b									
ALL STAGES	95.8	92.4	96.9	96.1	92.7	97.2	93.9	87.6	95.0
LOCALIZED	99.3	98.5	99.5	99.5	99.1	99.6	97.1	93.4 ^d	97.8
REGIONAL	95.5	93.5	96.3	95.6	93.7	96.4	96.0	94.6 ^d	95.8
DISTANT	59.9	55.6	62.7	61.8	55.2	66.3	55.2 ^d	-	53.4 ^e
UNSTAGED	85.1	72.7 ^d	88.5	84.5	68.8 ^d	88.7	85.2 ^d	-	-
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	11,462	2,857	8,605	9,507	2,463	7,044	643	126	517
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	56	45	59	56	46	60	55	46	57
REGIONAL	36	43	33	35	43	33	33	32	33
DISTANT	6	9	5	5	8	4	8	14	6
UNSTAGED	3	3	3	3	3	3	5	8	4
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	99.2	97.6	99.6	99.2	97.9	99.5	98.6	91.2	99.8
45-54	97.6	94.6	98.8	98.3	95.5	99.4	91.0	87.2 ^d	91.8
55-64	92.8	88.9	94.8	92.8	89.1	94.8	92.4	-	96.0
65-74	89.9	87.2	91.2	90.6	87.1	92.3	90.0 ^d	-	89.6 ^d
75+	64.6	58.3 ^d	66.8	65.1	52.5 ^d	69.3	49.6 ^e	-	50.2 ^e
Under 65	98.0	95.0	98.9	98.1	95.5	99.0	96.0	88.9	97.6
65 and over	82.0	79.6	83.1	82.9	78.7	84.8	77.6 ^d	84.0 ^e	73.7 ^d

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
 - Statistic could not be calculated.

Table XXVI-4
 URINARY BLADDER CANCER (Invasive and In Situ)

SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR, STAGE AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	53	53	53	24	24	24
1970-1973 ^a	-	-	-	61	61	60	36	38	27
1974-1976 ^b	72.7	73.9	69.5	73.9	74.7	71.7	48.0	54.2	37.4 ^d
1977-1979 ^b	75.1	76.8	70.6	76.0	77.2	72.7	54.8	63.2	38.6 ^d
1980-1982 ^b	78.0	79.2	74.8	78.9	79.9	76.1	58.3	62.8	49.3 ^d
1983-1985 ^b	77.7	79.3	73.2	78.3	79.6	74.6	59.8	64.8	50.5 ^d
1986-1988 ^b	79.9	81.6	75.1	80.7	82.3	76.2	62.8	67.6	51.7 ^d
1989-1991 ^b	81.0	83.5	73.9	82.2	84.4	75.5	61.7	65.5	55.9
1992-1999 ^b	81.8 ^c	84.0 ^c	75.7 ^c	82.6 ^c	84.6 ^c	77.0 ^c	64.0 ^c	70.1 ^c	52.9 ^c
1992-1999 ^b									
ALL STAGES	81.8	84.0	75.7	82.6	84.6	77.0	64.0	70.1	52.9
LOCALIZED	94.4	95.3	91.8	94.6	95.4	92.1	86.7	89.9	79.7
REGIONAL	48.2	51.2	41.1	48.5	51.4	41.3	38.0	43.2 ^d	31.4 ^d
DISTANT	5.8	6.0	5.4	6.0	6.0	5.9	3.6	3.4	3.1
UNSTAGED	59.4	65.1	46.4	61.5	66.8	49.2	40.0 ^d	48.5 ^d	24.1 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	31,273	23,171	8,102	28,726	21,410	7,316	1,360	886	474
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	74	75	70	75	76	71	57	61	50
REGIONAL	19	18	21	18	18	20	28	25	34
DISTANT	3	3	5	3	3	4	7	6	7
UNSTAGED	4	4	5	4	4	5	9	9	9
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	92.5	94.0	88.0	93.2	94.4	89.7	87.2	91.2	-
45-54	87.8	88.6	85.3	88.3	88.9	86.4	76.4	81.8	62.0 ^d
55-64	86.0	87.5	80.9	86.9	88.4	82.2	68.6	73.5	56.0 ^d
65-74	82.0	83.5	77.4	82.7	84.0	78.8	59.5	65.2	49.6 ^d
75+	73.6	77.0	66.6	74.7	78.0	67.7	51.5	54.0 ^d	48.5 ^d
Under 65	87.3	88.6	83.1	88.1	89.2	84.5	74.2	79.4	60.6 ^d
65 and over	78.6	81.1	72.2	79.5	81.8	73.4	55.9	61.0	49.1

^a

Rates are based on End Results data from a series of hospital registries and one population-based registry.

^b

Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^c

The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^d

The standard error of the survival rate is between 5 and 10 percentage points.

^e

The standard error of the survival rate is greater than 10 percentage points.

-

Statistic could not be calculated.

Table XXVII-9

CHILDHOOD CANCER
SEER Incidence, U.S. Death and 5-Year Relative Survival Rates
For Top Cancer Sitesⁱ By 5-Year Age Groups
All Races, Males and Females

Age/Site	SEER Incidence ^a					US Mortality ^b					Survival ^a	
	1996-2000 Num Cases	1996-2000 Rate	1975-2000 APC	1975-1986 APC	1987-2000 APC	1996-2000 Num Deaths	1996-2000 Rate	1975-2000 APC	1975-1986 APC	1987-2000 APC	1974-1976	1992-1999
<u>Ages 0-4</u>												
All Sites	1,901	20.6	0.8 ^c	1.4 ^c	0.5	2,481	2.6	-2.9 ^c	-2.6 ^c	-2.8 ^c	56.5	77.3 ^e
Soft tissue	121	1.3	0.1	1.7	-0.3	117	0.1	-2.0 ^c	-0.1	-3.3	56.9 ^g	77.4 ^f
Kidney and Renal pelvis	202	2.2	0.5	-0.2	0.9	103	0.1	-4.2 ^c	-6.3 ^c	-0.6 ^d	74.2	88.6 ^f
Eye and Orbit	119	1.3	0.7	2.8	0.1	27	0.0	-3.8 ^c	-2.7	-5.8 ^c	89.6	98.2 ^e
Brain and Other nervous	346	3.8	1.4 ^c	4.3 ^c	-0.1 ^d	662	0.7	-1.2 ^c	-1.1	-1.0	51.4	64.8 ^f
Other endocrine	127	1.4	-	-	-	406	0.4	-	-	-	32.8 ^g	59.9 ^f
Leukemia	685	7.4	0.8 ^c	0.9	0.7	804	0.8	-3.4 ^c	-4.3 ^c	-3.0 ^c	51.2	81.6 ^e
Acute lymphocytic	554	6.0	0.9 ^c	1.5 ^c	0.4	281	0.3	-5.0 ^c	-6.1 ^c	-3.5 ^{ce}	58.4	88.1 ^f
<u>Ages 5-9</u>												
All Sites	1,070	11.1	0.3	1.0	-0.3	2,555	2.5	-3.2 ^c	-3.5 ^c	-3.2 ^c	55.3	77.6 ^f
Brain and Other nervous	278	2.9	0.3	1.4	-1.3	860	0.8	-1.0 ^c	-0.8	-1.7 ^c	54.6	71.0 ^e
Leukemia	374	3.9	0.8 ^c	0.4	-0.2	752	0.7	-5.3 ^c	-6.0 ^c	-5.6 ^c	46.7	79.0 ^f
Acute lymphocytic	315	3.3	1.2 ^c	2.2	0.7	404	0.4	-6.2 ^c	-6.2 ^c	-5.5 ^c	53.8	84.6 ^f
<u>Ages 10-14</u>												
All Sites	1,175	12.5	0.8 ^c	1.5 ^c	0.6	2,542	2.6	-2.4 ^c	-2.5 ^c	-1.9 ^c	55.2	77.6 ^e
Bone and Joint	119	1.3	0.5	3.2	-0.9 ^e	246	0.2	-2.1 ^c	-2.4 ^c	0.1 ^e	54.4 ^g	71.4 ^f
Brain and Other nervous	258	2.8	1.4 ^c	-1.4	0.2	680	0.7	-1.4 ^c	-2.2 ^c	-0.8	58.7	75.7 ^f
Hodgkin lymphoma	123	1.3	-0.6	-1.0	-0.4	37	0.0	-4.1 ^c	-3.7	-1.7	75.0 ^g	93.0 ^e
Leukemia	235	2.5	0.4	4.9 ^c	0.2 ^d	912	0.9	-3.0 ^c	-3.1 ^c	-2.9 ^c	28.8	66.8 ^f
Acute lymphocytic	156	1.7	0.8	4.9 ^c	-1.0 ^d	455	0.5	-3.4 ^c	-2.1 ^c	-3.2 ^c	37.2 ^g	75.5 ^f
<u>Ages 15-19</u>												
All Sites	1,861	20.3	0.6 ^c	1.5 ^c	0.0 ^d	3,597	3.7	-2.0 ^c	-2.3 ^c	-1.6 ^{cd}	63.8	79.3 ^e
Bone and Joint	128	1.4	0.2	1.5	-1.1	531	0.5	-1.6 ^c	-2.5 ^c	0.7 ^d	46.6 ^g	62.7 ^f
Melanoma of the skin	129	1.4	1.0	1.0	-1.1	40	0.0	-3.2 ^c	-4.0 ^c	-5.0	76.3 ^g	92.5 ^f
Testis(males)	145	3.1	1.3 ^c	3.8	1.7	34	0.1	-7.8 ^c	-10.8 ^c	-5.2 ^{cd}	55.3 ^g	90.0 ^e
Brain and Other nervous	179	2.0	0.4	1.0	-1.6	548	0.6	-1.2 ^c	-1.1	-1.2 ^c	58.9 ^g	75.8 ^f
Thyroid	162	1.8	1.2 ^c	1.4	1.6	-	-	-	-	-	100.0	99.1
Hodgkin lymphoma	304	3.3	-0.6	0.3	-1.7 ^c	119	0.1	-4.3 ^c	-2.5	-5.5 ^{ce}	88.4	94.1 ^e
Non-Hodgkin lymphoma	159	1.7	2.1 ^c	4.4 ^c	1.8	285	0.3	-2.7 ^c	-2.7 ^c	-3.3 ^c	40.6 ^g	75.2 ^f
Leukemia	209	2.3	0.4	1.1	1.0	1,087	1.1	-2.1 ^c	-2.0 ^c	-2.2 ^c	21.5	51.2 ^f
Acute lymphocytic	113	1.2	0.9	3.8 ^c	1.1	450	0.5	-2.1 ^c	-0.5	-2.8 ^{ce}	21.3 ^g	58.9 ^f

The APC is the Annual Percent Change over the time interval.

Note: Incidence and death rates are per 100,000. Survival rates are expressed as percents.

^a SEER 9 areas.

^b NCHS public use data file.

^c The APC is significantly different from zero (p<.05).

^d The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.05).

^e The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.10).

^f The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).

^g The standard error of the survival rate is between 5 and 10 percentage points.

^h The standard error of the survival rate is greater than 10 percentage points.

ⁱ Sites were chosen based on more than 100 SEER incident cases between 1996-2000.

- Statistic could not be calculated.

Table XXVIII-6

5-YEAR RELATIVE SURVIVAL RATES, 1985-1999^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup and Sex and Age

ICCC Group & Subgroup	Ages 0-19 by Sex			Both Sexes by Age					
	Total	Male	Female	<1	1-4	5-9	10-14	15-19	0-14
All Groups Combined	75.8	73.8	78.1	71.3	75.9	74.7	74.4	78.4	74.7
I Leukemia	70.7	68.9	73.1	41.6	81.7	76.6	60.8	48.3	74.4
I(a) Lymphoid leukemia	79.1	77.2	81.8	41.6 ^b	87.7	82.2	70.0	54.7	81.8
Acute lymphoblastic leukemia (ALL)	79.2	77.2	81.9	42.1 ^b	87.7	82.3	69.9	54.9	81.8
I(b) Acute non-lymphocytic leukemia	40.9	36.8	45.0	36.2 ^b	41.4	46.3	38.4	40.5	41.1
II Lymphomas & reticuloendothelial neo.	84.9	83.4	86.9	-	75.8	83.6	85.5	86.1	83.4
II(a) Hodgkin lymphoma	92.8	92.4	93.2	-	-	93.2	93.3	92.4	93.6
II(b,c,e) Non-Hodgkin lymphoma	74.9	75.2	74.3	-	73.4	79.8	77.0	71.3	77.1
III CNS and misc intracranial & intraspinal neo.	68.1	68.7	67.2	49.0	63.5	67.6	73.4	76.3	66.4
III(a) Ependymoma	61.5	64.0	57.1 ^b	33.2 ^b	53.5	74.9 ^b	72.9 ^b	91.4 ^b	58.2
III(b) Astrocytoma	77.7	77.4	78.1	75.9 ^b	83.0	75.6	77.0	75.8	78.2
III(c) Primitive neuroectodermal tumors	58.3	61.7	53.0	19.7 ^b	48.7	71.7	65.6 ^b	75.9 ^b	56.6
III(d) Other gliomas	57.4	59.4	54.8	-	51.4	41.0	67.5	75.0	53.1
IV Sympathetic nervous system tumors	65.4	64.3	66.7	86.1	54.4	44.0 ^b	-	44.3 ^c	66.0
IV(a) Neuroblastoma and ganglioneuroblastoma	65.3	64.4	66.4	86.2	54.0	43.5 ^b	-	-	66.0
V Retinoblastoma	94.8	95.5	94.1	93.7	95.1	-	-	-	94.7
VI Renal tumors	89.8	88.6	91.0	89.3	91.9	88.9	83.2 ^b	75.6 ^b	90.4
VI(a) Wilms' tumor, rhabdoid & clear cell sarcoma	90.4	89.1	91.6	89.3	91.8	88.6	-	-	90.6
VII Hepatic tumors	49.9	49.7 ^b	50.2 ^b	66.7 ^b	53.6 ^b	-	-	16.3 ^b	55.8
VII(a) Hepatoblastoma	60.6	58.3 ^b	63.1 ^b	67.3 ^b	55.7 ^b	-	-	-	61.0
VIII Malignant bone tumors	65.3	62.9	68.8	-	-	70.9	66.9	62.4	67.5
VIII(a) Osteosarcoma	64.5	62.0	68.3	-	-	63.9 ^b	68.5	61.5	66.9
VIII(c) Ewing's sarcoma	60.6	56.5	66.3	-	-	75.8 ^b	59.7 ^b	54.8	64.7
IX Soft-tissue sarcomas	70.8	70.5	71.3	57.5 ^b	78.3	73.3	73.1	65.8	73.1
IX(a) Rhabdomyosarcoma & embryonal sarcoma	64.0	65.9	61.0	41.7 ^b	82.1	67.8	52.7 ^b	46.0 ^b	68.2
X Germ-cell, trophoblastic & other gonadal neo.	89.6	88.0	91.3	80.7	95.0	84.2 ^b	86.6	91.0	86.7
X(a) Intracranial & intraspinal germ-cell tumors	78.7	77.9	81.6 ^b	-	-	75.9 ^b	82.5 ^b	86.3	74.1
X(c) Gonadal germ-cell tumors	94.7	94.6	94.5	-	100.0	-	95.9	93.7	98.1
XI Carcinomas & other malignant epithelial neo.	89.5	83.3	92.7	-	-	92.2	90.5	89.7	89.2
XI(b) Thyroid carcinoma	98.7	96.2	99.1	-	-	-	96.8	99.1	97.3
XI(d) Malignant melanoma	92.1	89.6	93.7	-	-	-	87.8	93.3	88.0

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The standard error of the survival rate is between 5 and 10 percentage points.

^c The standard error of the survival rate is greater than 10 percentage points.

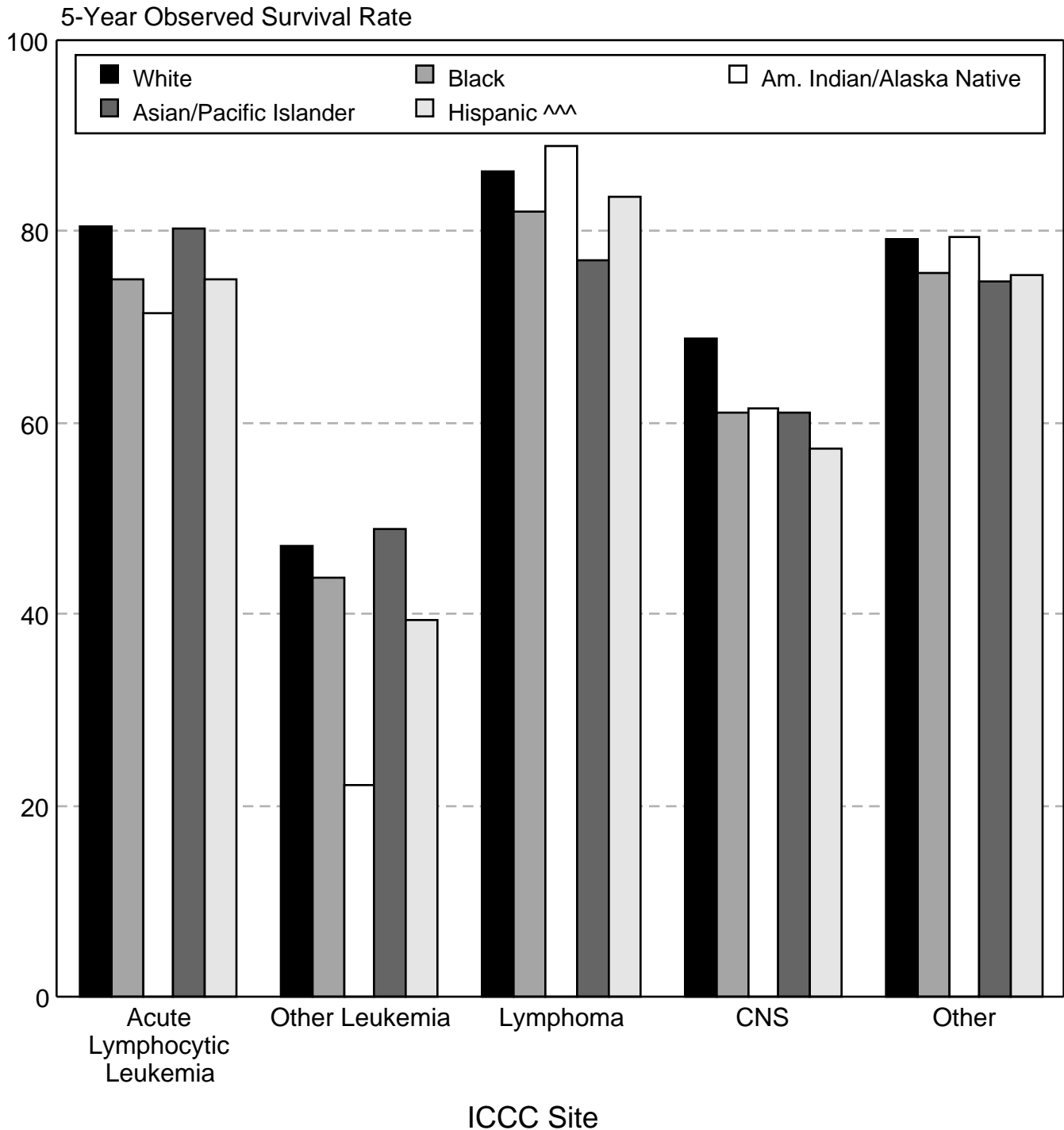
- Statistic could not be calculated due to fewer than 25 cases during the time period.

Neoplasms are abbreviated as neo.

Survival rates are relative rates expressed as percents.

Figure XXVIII-5

SEER Childhood Cancer 1990-1999 5-Year Observed Survival Rates by ICCC Group and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 12 areas.

^^ Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.