

Table I-3

SUMMARY OF CHANGES IN CANCER INCIDENCE AND MORTALITY, 1950-2001 AND

5-YEAR RELATIVE SURVIVAL RATES, 1950-2000

Males and Females, By Primary Cancer Site

Table is temporarily unavailable.

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 <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	All Races	470.3	554.3	414.4	199.8	251.1	166.7	64.1	64.0
Oral Cavity & Pharynx:	10.7	15.7	6.4	2.8	4.3	1.6	58.7	57.4	61.5
Lip	1.0	1.7	0.4	0.0	0.0	0.0	93.0	94.2	87.7
Tongue	2.5	3.7	1.6	0.7	1.0	0.4	55.7	55.2	56.8
Salivary gland	1.2	1.6	1.0	0.2	0.4	0.2	75.6	70.9	80.3
Floor of mouth	0.8	1.2	0.5	0.1	0.1	0.0	51.3	49.6	54.6
Gum & other oral cavity	1.7	2.0	1.4	0.5	0.6	0.3	57.9	52.2	65.4
Nasopharynx	0.7	1.0	0.4	0.2	0.4	0.1	57.6	58.2	56.5
Tonsil	1.3	2.1	0.5	0.2	0.3	0.1	58.8	58.5	59.5
Oropharynx	0.3	0.5	0.2	0.2	0.3	0.1	38.0	36.9	41.5
Hypopharynx	0.8	1.4	0.3	0.1	0.2	0.1	30.2	30.9	28.1
Other oral cavity & pharynx	0.3	0.4	0.2	0.6	1.0	0.3	31.6	32.4	29.7
Digestive System:	91.5	112.6	75.3	47.4	60.8	37.4	44.4	42.6	46.5
Esophagus	4.5	7.7	2.0	4.4	7.7	1.8	14.3	14.2	14.7
Stomach	8.9	12.6	6.1	4.7	6.6	3.3	23.3	22.1	25.4
Small intestine	1.7	2.0	1.5	0.4	0.5	0.3	53.1	52.6	53.5
Colon & Rectum:	53.7	63.4	46.4	20.8	25.3	17.7	63.4	63.7	63.1
Colon	38.8	44.3	34.8	17.8	21.3	15.3	63.0	63.9	62.2
Rectum	14.8	19.1	11.6	3.0	3.9	2.3	64.3	63.2	65.6
Anus, anal canal & anorectum	1.3	1.3	1.4	0.2	0.1	0.2	67.8	60.8	73.2
Liver & Intrahep:	6.0	9.1	3.5	4.6	6.7	2.9	8.3	7.7	9.6
Liver	5.1	8.0	2.8	3.7	5.6	2.1	8.9	8.0	11.1
Intrahep bile duct	0.9	1.1	0.7	0.9	1.1	0.8	4.8	4.9	4.6
Gallbladder	1.2	0.8	1.6	0.7	0.5	0.9	15.2	15.6	15.0
Other biliary	1.6	2.0	1.3	0.6	0.7	0.5	20.2	21.9	17.9
Pancreas	11.0	12.6	9.7	10.5	12.2	9.2	4.4	4.2	4.6
Retroperitoneum	0.4	0.5	0.4	0.1	0.1	0.1	47.5	43.2	51.0
Peritoneum, omentum & mesentery	0.7	0.2	1.0	0.2	0.1	0.3	32.1	20.5	34.6
Other digestive system	0.5	0.5	0.4	0.3	0.3	0.2	9.5	5.9	12.6
Respiratory System:	67.3	88.7	51.5	58.0	81.0	41.6	18.7	18.5	19.0
Nose, nasal cavity & middle ear	0.7	0.9	0.5	0.2	0.2	0.1	52.6	51.3	54.4
Larynx	3.8	6.7	1.4	1.4	2.6	0.5	65.1	66.7	59.6
Lung & bronchus	61.7	79.1	49.1	56.2	77.9	40.8	15.2	13.6	17.2
Pleura	0.9	1.8	0.3	0.1	0.2	0.0	7.8	7.1	10.5
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.1	43.7	43.5	43.4
Bones & joints	0.9	1.0	0.8	0.4	0.6	0.4	69.6	67.7	72.3
Soft tissue (incl heart)	2.9	3.5	2.4	1.4	1.6	1.3	67.6	67.9	67.2
Skin (ex basal & squam):	19.6	25.3	15.4	3.5	5.3	2.2	86.7	82.9	91.7
Melanoma of the skin	17.0	21.4	13.8	2.7	3.9	1.8	90.5	89.0	92.2
Other non-epithelial skin	2.6	3.9	1.5	0.8	1.4	0.4	66.2	59.1	86.9
Breast	73.9	1.2	135.2	15.3	0.3	27.0	87.6	81.1	87.7
Breast ( <i>in situ</i> )	16.1	0.2	30.0	-	-	-	100.0	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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

- Statistic could not be calculated due to less than 25 cases in the time interval.

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 <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	27.8	-	51.3	9.5	-	16.7	70.4	-	70.4
Cervix uteri	4.8	-	9.3	1.6	-	2.9	72.7	-	72.7
Corpus uteri	13.1	-	24.0	1.2	-	2.0	85.3	-	85.3
Uterus, NOS	0.3	-	0.4	1.2	-	2.1	27.1	-	27.1
Ovary	7.6	-	13.9	5.0	-	8.9	44.0	-	44.0
Vagina	0.4	-	0.7	0.1	-	0.3	44.7	-	44.7
Vulva	1.3	-	2.3	0.3	-	0.4	76.9	-	76.9
Other female genital system	0.4	-	0.7	0.1	-	0.2	62.1	-	62.1
Male Genital System:	78.2	178.7	-	11.8	32.0	-	99.0	99.0	-
Prostate	75.0	172.3	-	11.6	31.5	-	99.3	99.3	-
Testis	2.6	5.2	-	0.1	0.3	-	95.9	95.9	-
Penis	0.3	0.8	-	0.1	0.2	-	75.5	75.5	-
Other male genital system	0.2	0.4	-	0.0	0.0	-	74.5	74.5	-
Urinary System:	32.6	53.1	17.4	8.8	14.0	5.3	74.6	76.8	69.8
Urinary bladder	20.4	36.1	9.1	4.4	7.6	2.3	81.7	83.7	76.2
Kidney & renal pelvis	11.3	15.7	7.8	4.2	6.1	2.8	63.9	63.9	63.9
Ureter	0.5	0.8	0.4	0.1	0.2	0.1	54.5	55.7	52.9
Other urinary system	0.3	0.5	0.2	0.1	0.1	0.1	59.4	71.6	39.0
Eye & Orbit	0.7	0.9	0.6	0.1	0.1	0.1	81.4	84.2	78.3
Brain & Nervous System: <sup>d</sup>	6.4	7.6	5.3	4.6	5.6	3.8	33.0	32.7	33.4
Brain	6.0	7.2	4.9	-	-	-	30.3	30.0	30.7
Cranial nerves & other nervous system	0.4	0.4	0.4	-	-	-	74.6	77.4	71.1
Endocrine System:	7.8	4.5	11.0	0.8	0.8	0.8	93.4	88.1	95.2
Thyroid	7.2	3.8	10.4	0.5	0.4	0.5	96.5	93.4	97.3
Other endocrine & thymus	0.6	0.7	0.6	0.3	0.4	0.3	60.8	62.7	58.6
Lymphoma:	21.7	26.2	18.1	8.9	11.1	7.3	63.3	61.2	65.8
Hodgkin lymphoma	2.7	3.0	2.4	0.5	0.6	0.4	85.2	83.9	86.8
Non-Hodgkin lymphoma	19.1	23.3	15.7	8.4	10.5	6.9	59.1	57.0	61.7
Myeloma	5.6	6.9	4.6	3.8	4.7	3.2	32.1	35.6	28.4
Leukemia:	12.1	15.9	9.4	7.6	10.2	5.9	46.4	47.0	45.7
Lymphocytic:	5.5	7.4	4.1	2.2	3.2	1.6	70.4	69.8	71.2
Acute lymphocytic	1.5	1.7	1.4	0.5	0.6	0.4	64.8	64.6	65.2
Chronic lymphocytic	3.5	5.0	2.4	1.6	2.3	1.1	72.7	70.6	75.6
Other lymphocytic	0.5	0.7	0.3	0.1	0.2	0.1	77.8	82.0	67.1
Myeloid & Monocytic:	5.8	7.5	4.7	3.5	4.5	2.8	24.6	24.3	25.1
Acute myeloid	3.8	4.7	3.1	2.6	3.3	2.1	19.5	18.3	20.8
Chronic myeloid	1.6	2.2	1.2	0.7	0.9	0.6	36.7	36.9	36.5
Acute monocytic	0.3	0.3	0.2	0.0	0.1	0.0	15.6	16.3	15.5
Other myeloid & monocytic	0.2	0.2	0.1	0.2	0.3	0.1	26.7	25.9	26.4
Other:	0.8	1.0	0.7	1.9	2.5	1.5	15.4	16.5	14.3
Other acute	0.4	0.5	0.4	0.9	1.2	0.7	7.3	7.1	7.6
Aleukemic, subleuk & NOS	0.4	0.5	0.3	1.0	1.3	0.8	26.6	30.3	23.3
Ill-defined & unspecified	10.8	12.4	9.7	14.9	18.6	12.4	14.6	17.3	12.3

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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

<sup>d</sup> Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated due to less than 25 cases in the time interval.

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 <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	479.6	556.5	429.8	196.9	245.5	165.5	65.5	65.5	65.5
Oral Cavity & Pharynx:	10.7	15.7	6.4	2.6	3.9	1.6	60.9	60.4	62.0
Lip	1.1	2.0	0.4	0.0	0.1	0.0	93.4	94.4	88.8
Tongue	2.6	3.8	1.6	0.6	0.9	0.4	57.1	57.4	56.5
Salivary gland	1.3	1.7	1.0	0.3	0.4	0.2	74.9	70.1	79.2
Floor of mouth	0.8	1.2	0.5	0.1	0.1	0.0	53.0	52.4	54.0
Gum & other oral cavity	1.7	2.0	1.4	0.5	0.6	0.3	60.1	56.2	64.9
Nasopharynx	0.4	0.6	0.2	0.2	0.3	0.1	53.0	50.4	57.8
Tonsil	1.3	2.2	0.6	0.2	0.3	0.1	62.2	62.4	61.3
Oropharynx	0.3	0.5	0.2	0.2	0.3	0.1	40.7	38.9	45.4
Hypopharynx	0.8	1.4	0.3	0.1	0.2	0.1	32.3	33.5	29.4
Other oral cavity & pharynx	0.3	0.4	0.2	0.5	0.9	0.3	34.2	35.5	31.3
Digestive System:	88.3	108.5	72.7	45.5	58.4	35.8	45.8	44.0	47.8
Esophagus	4.5	7.7	1.9	4.2	7.4	1.7	15.8	15.6	16.3
Stomach	7.5	10.8	5.0	4.1	5.8	2.8	21.5	19.9	24.0
Small intestine	1.6	1.9	1.4	0.4	0.5	0.3	54.9	54.5	55.3
Colon & Rectum:	53.3	63.1	45.9	20.3	24.8	17.1	64.1	64.3	63.8
Colon	38.6	44.2	34.4	17.3	20.9	14.8	63.8	64.7	63.0
Rectum	14.8	18.9	11.5	3.0	3.9	2.3	64.6	63.6	65.9
Anus, anal canal & anorectum	1.4	1.3	1.5	0.2	0.1	0.2	69.3	62.9	74.1
Liver & Intrahep:	4.8	7.2	2.9	4.2	6.1	2.7	8.0	7.0	10.2
Liver	4.0	6.2	2.2	3.3	5.0	1.9	8.9	7.3	12.6
Intrahep bile duct	0.8	1.1	0.7	0.9	1.1	0.8	4.6	5.0	4.2
Gallbladder	1.2	0.8	1.5	0.7	0.5	0.9	15.0	16.7	14.3
Other biliary	1.5	1.9	1.2	0.6	0.7	0.5	19.8	22.9	16.1
Pancreas	10.8	12.5	9.4	10.3	12.0	8.9	4.2	4.3	4.2
Retroperitoneum	0.4	0.5	0.4	0.1	0.1	0.1	50.1	45.8	53.8
Peritoneum, omentum & mesentery	0.7	0.2	1.1	0.2	0.1	0.3	30.7	15.9	33.8
Other digestive system	0.5	0.5	0.4	0.3	0.3	0.2	10.4	5.7	14.4
Respiratory System:	68.0	87.6	53.8	57.9	79.6	42.4	19.0	18.8	19.1
Nose, nasal cavity & middle ear	0.7	0.9	0.5	0.2	0.2	0.1	56.2	56.0	56.4
Larynx	3.8	6.6	1.5	1.3	2.3	0.5	67.4	68.9	62.0
Lung & bronchus	62.4	77.9	51.3	56.2	76.6	41.6	15.4	13.7	17.4
Pleura	1.0	1.9	0.3	0.1	0.3	0.1	7.9	7.4	10.0
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.1	45.0	45.5	44.3
Bones & joints	0.9	1.1	0.8	0.5	0.6	0.4	70.0	67.8	73.0
Soft tissue (incl heart)	2.9	3.5	2.5	1.4	1.6	1.2	69.0	69.6	68.3
Skin (ex basal & squam):	22.9	29.2	18.4	3.9	5.8	2.5	87.7	84.3	92.0
Melanoma of the skin	20.3	25.4	16.8	3.0	4.4	2.0	90.7	89.1	92.4
Other non-epithelial skin	2.6	3.9	1.6	0.9	1.5	0.4	68.3	61.5	87.3
Breast	76.8	1.2	141.7	15.0	0.3	26.4	88.9	84.3	88.9
Breast ( <i>in situ</i> )	16.4	0.2	31.0	-	-	-	100.0	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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

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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 <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	28.9	-	53.8	9.3	-	16.5	71.4	-	71.4
Cervix uteri	4.6	-	8.9	1.4	-	2.6	74.0	-	74.0
Corpus uteri	13.9	-	25.7	1.1	-	1.9	86.9	-	86.9
Uterus, NOS	0.2	-	0.4	1.1	-	1.9	29.0	-	29.0
Ovary	8.0	-	14.8	5.2	-	9.2	44.0	-	44.0
Vagina	0.4	-	0.7	0.1	-	0.2	41.8	-	41.8
Vulva	1.4	-	2.5	0.3	-	0.5	77.3	-	77.3
Other female genital system	0.4	-	0.7	0.1	-	0.2	60.5	-	60.5
Male Genital System:	77.1	174.7	-	10.9	29.3	-	99.8	99.8	-
Prostate	73.5	167.4	-	10.6	28.8	-	100.0	100.0	-
Testis	3.2	6.2	-	0.1	0.3	-	96.2	96.2	-
Penis	0.3	0.8	-	0.1	0.2	-	76.6	76.6	-
Other male genital system	0.1	0.3	-	0.0	0.0	-	80.5	80.5	-
Urinary System:	35.0	57.4	18.4	9.0	14.4	5.3	75.8	78.0	70.7
Urinary bladder	22.5	39.9	9.8	4.5	7.9	2.3	82.7	84.6	77.4
Kidney & renal pelvis	11.7	16.2	8.1	4.3	6.2	2.8	63.9	64.1	63.6
Ureter	0.6	0.8	0.4	0.1	0.2	0.1	57.7	59.7	54.8
Other urinary system	0.3	0.5	0.1	0.1	0.1	0.1	62.8	71.9	44.6
Eye & Orbit	0.9	1.0	0.7	0.1	0.1	0.1	81.5	84.4	78.2
Brain & Nervous System: <sup>d</sup>	7.1	8.4	6.0	4.9	6.0	4.0	32.2	32.0	32.5
Brain	6.7	8.0	5.5	-	-	-	29.4	29.1	29.8
Cranial nerves & other nervous system	0.4	0.4	0.4	-	-	-	77.9	80.6	74.2
Endocrine System:	8.1	4.7	11.5	0.8	0.8	0.7	93.9	88.7	95.6
Thyroid	7.5	4.0	10.9	0.5	0.5	0.4	96.8	93.8	97.6
Other endocrine & thymus	0.6	0.7	0.5	0.3	0.4	0.3	60.5	61.1	59.7
Lymphoma:	23.0	27.6	19.2	9.2	11.4	7.6	64.4	62.6	66.6
Hodgkin lymphoma	2.9	3.3	2.6	0.5	0.6	0.4	85.9	84.5	87.5
Non-Hodgkin lymphoma	20.1	24.4	16.6	8.7	10.8	7.2	60.3	58.4	62.6
Myeloma	5.2	6.6	4.2	3.5	4.4	2.9	31.9	35.2	28.3
Leukemia:	12.9	16.9	9.9	7.8	10.5	6.0	47.8	48.1	47.3
Lymphocytic:	6.0	8.1	4.4	2.3	3.3	1.6	71.7	71.0	72.7
Acute lymphocytic	1.6	1.8	1.5	0.5	0.6	0.4	66.0	65.4	66.8
Chronic lymphocytic	3.9	5.5	2.7	1.6	2.4	1.1	73.8	71.6	76.7
Other lymphocytic	0.5	0.8	0.3	0.2	0.2	0.1	80.2	84.3	69.1
Myeloid & Monocytic:	6.0	7.7	4.8	3.6	4.6	2.9	24.2	23.7	25.0
Acute myeloid	3.9	4.9	3.2	2.6	3.4	2.1	18.7	17.5	20.0
Chronic myeloid	1.7	2.2	1.3	0.7	0.9	0.6	36.8	36.4	37.6
Acute monocytic	0.3	0.4	0.2	0.1	0.1	0.0	17.8	19.5	15.4
Other myeloid & monocytic	0.2	0.2	0.1	0.2	0.3	0.1	29.1	26.1	31.3
Other:	0.8	1.1	0.7	1.9	2.6	1.5	15.5	16.1	14.9
Other acute	0.4	0.6	0.4	1.0	1.3	0.8	6.8	5.6	8.0
Aleukemic, subleuk & NOS	0.4	0.5	0.3	1.0	1.3	0.8	28.2	31.9	24.6
Ill-defined & unspecified	10.8	12.3	9.7	14.7	18.2	12.2	15.2	18.2	12.6

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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

<sup>d</sup> Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated due to less than 25 cases in the time interval.

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

Blacks

Site	Incidence <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	515.8	689.2	400.1	252.5	347.3	196.5	55.2	57.5	52.7
Oral Cavity & Pharynx:	11.9	19.5	6.2	4.3	7.5	2.0	39.0	33.7	52.1
Lip	0.2	-	-	-	-	-	-	-	-
Tongue	2.7	4.5	1.4	0.8	1.5	0.4	38.5	34.4	47.6
Salivary gland	0.9	1.2	0.8	0.2	0.3	0.1	75.7	64.6	85.5
Floor of mouth	1.1	2.0	0.5	0.1	0.2	0.1	40.0	31.6	57.8
Gum & other oral cavity	2.0	2.9	1.3	0.6	0.9	0.4	42.7	31.7	61.1
Nasopharynx	0.6	1.0	0.4	0.3	0.5	0.2	40.5	45.3	-
Tonsil	1.9	3.5	0.7	0.4	0.7	0.1	37.2	35.4	43.1
Oropharynx	0.6	1.2	-	0.4	0.8	0.2	29.7	32.7	-
Hypopharynx	1.3	2.5	0.5	0.3	0.5	0.1	15.1	14.9	16.6
Other oral cavity & pharynx	0.5	0.9	-	1.1	2.1	0.4	15.9	15.6	-
Digestive System:	114.3	140.4	96.1	67.1	87.4	53.3	36.0	33.1	38.9
Esophagus	6.7	10.6	3.8	6.7	11.7	3.2	8.9	8.5	9.8
Stomach	13.6	18.8	9.9	9.1	13.3	6.3	24.2	21.4	27.5
Small intestine	3.1	3.8	2.7	0.6	0.7	0.5	46.5	42.8	50.0
Colon & Rectum:	63.0	72.9	56.5	28.3	34.3	24.5	54.6	55.5	54.0
Colon	48.7	55.2	44.6	24.8	29.7	21.8	54.4	56.3	53.0
Rectum	14.3	17.7	11.9	3.5	4.6	2.7	55.2	53.5	57.2
Anus, anal canal & anorectum	1.6	1.8	1.4	0.2	0.2	0.2	58.2	52.4	64.0
Liver & Intrahep:	7.2	11.8	3.9	6.1	9.3	3.8	5.4	5.7	5.1
Liver	6.6	10.8	3.5	5.3	8.3	3.1	5.4	5.8	5.3
Intrahep bile duct	0.6	0.9	0.4	0.8	1.0	0.7	0.0	0.0	-
Gallbladder	1.2	0.7	1.5	0.8	0.6	1.0	13.7	5.4	15.2
Other biliary	1.3	1.6	1.1	0.5	0.5	0.4	20.5	8.8	28.5
Pancreas	15.4	17.1	13.9	14.2	16.0	12.8	3.8	2.7	4.8
Retroperitoneum	0.4	0.4	0.4	0.1	0.1	0.1	41.9	-	37.3
Peritoneum, omentum & mesentery	0.4	-	0.6	0.1	0.1	0.2	48.8	-	46.1
Other digestive system	0.5	0.6	0.5	0.4	0.5	0.3	0.0	-	0.0
Respiratory System:	87.8	131.6	57.9	68.3	110.2	41.0	16.6	16.0	17.6
Nose, nasal cavity & middle ear	0.7	0.9	0.6	0.2	0.3	0.1	34.2	27.1	44.5
Larynx	6.4	12.1	2.4	2.7	5.4	0.9	51.0	52.5	46.5
Lung & bronchus	79.8	117.2	54.5	65.2	104.1	39.9	13.2	11.9	15.4
Pleura	0.6	1.0	-	0.1	0.1	-	9.8	3.2	-
Trachea & other respiratory organs	0.3	0.4	-	0.1	0.2	0.1	22.6	22.1	-
Bones & joints	0.7	0.8	0.6	0.4	0.6	0.3	65.6	65.9	64.7
Soft tissue (incl heart)	3.1	3.7	2.6	1.6	1.7	1.6	60.2	57.6	63.0
Skin (ex basal & squam):	3.9	6.1	2.1	1.1	1.6	0.7	56.3	49.4	78.8
Melanoma of the skin	1.0	1.5	0.7	0.5	0.5	0.5	74.0	72.2	75.7
Other non-epithelial skin	2.9	4.6	1.4	0.6	1.1	0.3	52.7	46.6	80.7
Breast	69.2	1.9	119.9	21.0	0.6	35.4	75.1	54.5	75.2
Breast ( <i>in situ</i> )	15.6	-	27.4	-	-	-	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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

- Statistic could not be calculated due to less than 25 cases in the time interval.

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

Site	Blacks			Blacks			Blacks		
	Incidence <sup>a</sup> (1997-2001)			US Mortality <sup>b</sup> (1997-2001)			Survival <sup>c</sup> (1995-2000)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	25.1	-	43.5	12.5	-	21.0	58.5	-	58.5
Cervix uteri	6.7	-	11.8	3.2	-	5.6	65.7	-	65.7
Corpus uteri	10.1	-	17.5	1.9	-	3.1	64.9	-	64.9
Uterus, NOS	0.4	-	0.7	2.3	-	3.8	24.1	-	24.1
Ovary	5.8	-	10.1	4.5	-	7.5	37.9	-	37.9
Vagina	0.6	-	1.1	0.2	-	0.4	50.3	-	50.3
Vulva	1.0	-	1.7	0.2	-	0.3	65.2	-	65.2
Other female genital system	0.4	-	0.6	0.2	-	0.3	68.9	-	68.9
Male Genital System:	112.5	274.0	-	24.7	70.9	-	95.8	95.8	-
Prostate	111.3	271.3	-	24.5	70.4	-	96.0	96.0	-
Testis	0.7	1.5	-	0.1	0.2	-	87.3	87.3	-
Penis	0.3	0.9	-	0.1	0.3	-	66.9	66.9	-
Other male genital system	0.1	0.3	-	0.0	0.1	-	-	-	-
Urinary System:	26.8	40.5	17.7	8.3	12.1	5.9	62.5	65.4	58.4
Urinary bladder	12.6	20.4	7.7	3.9	5.6	2.9	61.9	67.7	51.9
Kidney & renal pelvis	13.3	18.8	9.4	4.2	6.3	2.7	63.5	63.5	63.5
Ureter	0.3	-	-	0.1	-	0.1	-	-	-
Other urinary system	0.6	0.9	0.4	0.1	0.1	0.2	52.6	73.6	-
Eye & Orbit	0.2	-	-	0.0	-	0.0	83.5	-	-
Brain & Nervous System: <sup>d</sup>	4.0	4.6	3.4	2.7	3.3	2.3	37.7	38.3	36.8
Brain	3.5	4.2	3.0	-	-	-	36.6	37.1	35.9
Cranial nerves & other nervous system	0.4	0.4	0.5	-	-	-	47.3	-	42.7
Endocrine System:	4.7	2.8	6.3	0.8	0.7	0.9	89.2	83.0	90.9
Thyroid	4.1	2.2	5.7	0.5	0.4	0.5	95.3	89.1	95.8
Other endocrine & thymus	0.6	0.6	0.6	0.4	0.4	0.3	56.2	69.1	45.0
Lymphoma:	17.0	21.2	13.7	6.2	8.0	4.9	56.6	52.1	62.8
Hodgkin lymphoma	2.4	2.9	2.0	0.4	0.6	0.3	80.4	77.6	83.5
Non-Hodgkin lymphoma	14.6	18.3	11.7	5.7	7.4	4.6	50.5	46.3	56.7
Myeloma	11.0	12.9	9.8	7.5	9.0	6.6	32.1	35.2	29.6
Leukemia:	9.9	12.8	7.9	6.8	9.0	5.4	38.6	39.1	38.1
Lymphocytic:	3.9	5.3	2.9	2.0	2.9	1.4	56.3	55.0	58.4
Acute lymphocytic	0.8	0.9	0.7	0.4	0.5	0.3	54.3	56.0	52.0
Chronic lymphocytic	2.8	4.0	2.0	1.5	2.2	1.1	58.7	54.5	65.2
Other lymphocytic	0.3	-	-	0.1	0.2	0.1	45.5	-	-
Myeloid & Monocytic:	5.3	6.6	4.4	3.0	3.7	2.5	27.0	27.6	26.4
Acute myeloid	3.4	4.1	2.9	2.1	2.5	1.7	24.0	25.0	22.6
Chronic myeloid	1.5	2.1	1.1	0.8	1.0	0.6	33.4	33.2	34.0
Acute monocytic	0.2	-	-	0.0	-	-	-	-	-
Other myeloid & monocytic	0.2	-	-	0.1	0.2	0.1	-	-	-
Other:	0.7	0.9	0.7	1.8	2.4	1.5	16.8	12.7	18.6
Other acute	0.4	0.5	0.3	0.7	0.9	0.6	9.1	-	-
Aleukemic, subleuk & NOS	0.4	-	0.4	1.1	1.5	0.9	22.9	-	-
Ill-defined & unspecified	13.7	16.2	12.0	19.0	24.8	15.2	10.6	12.4	8.9

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.

<sup>a</sup> SEER 12 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> SEER 9 areas.

<sup>d</sup> Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

- Statistic could not be calculated due to less than 25 cases in the time interval.

# SEER Incidence\* and US Death Rates,# 1997-2001 5-Year Relative Survival Rates,^ 1995-2000 All Cancer Combined, by Race and Sex

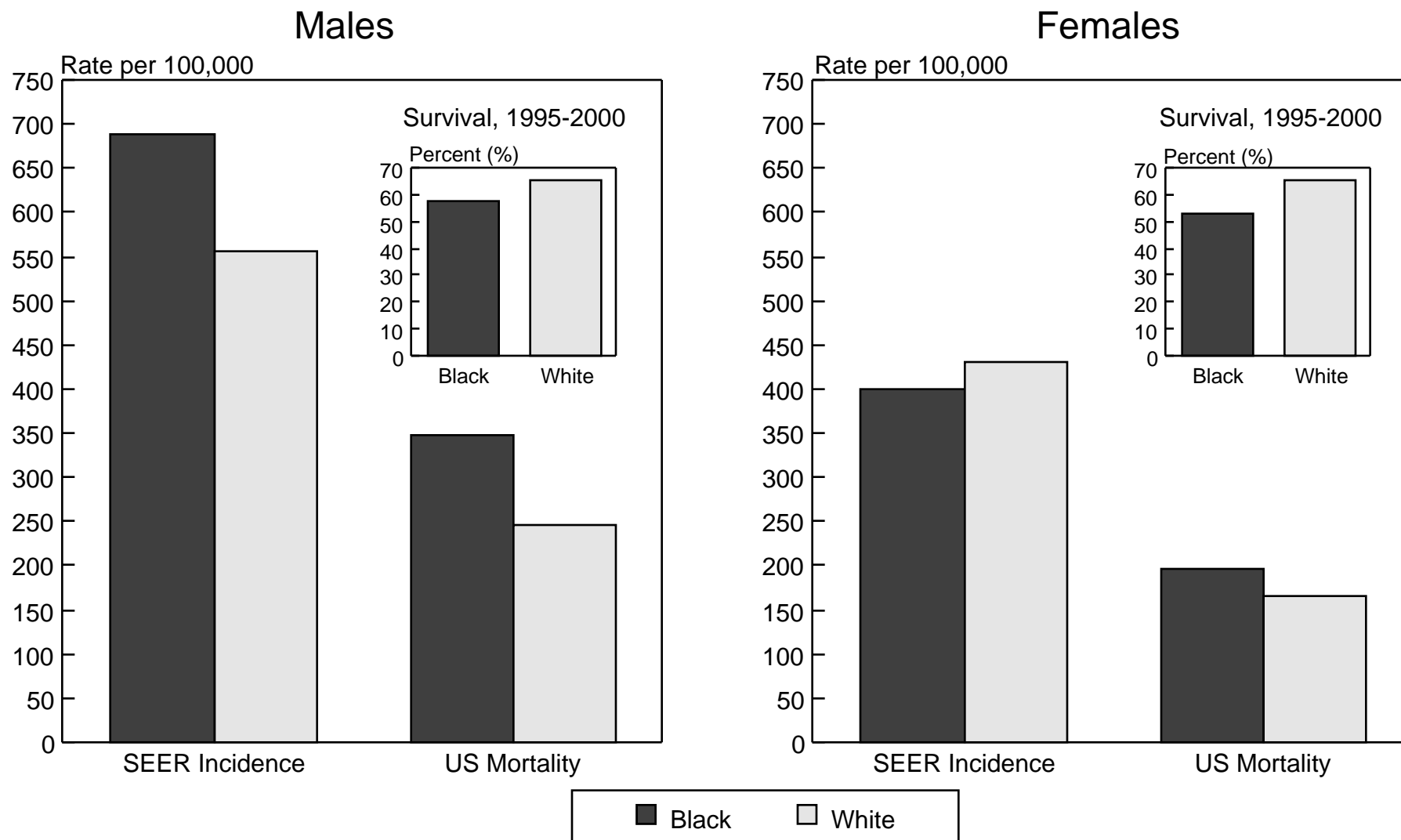


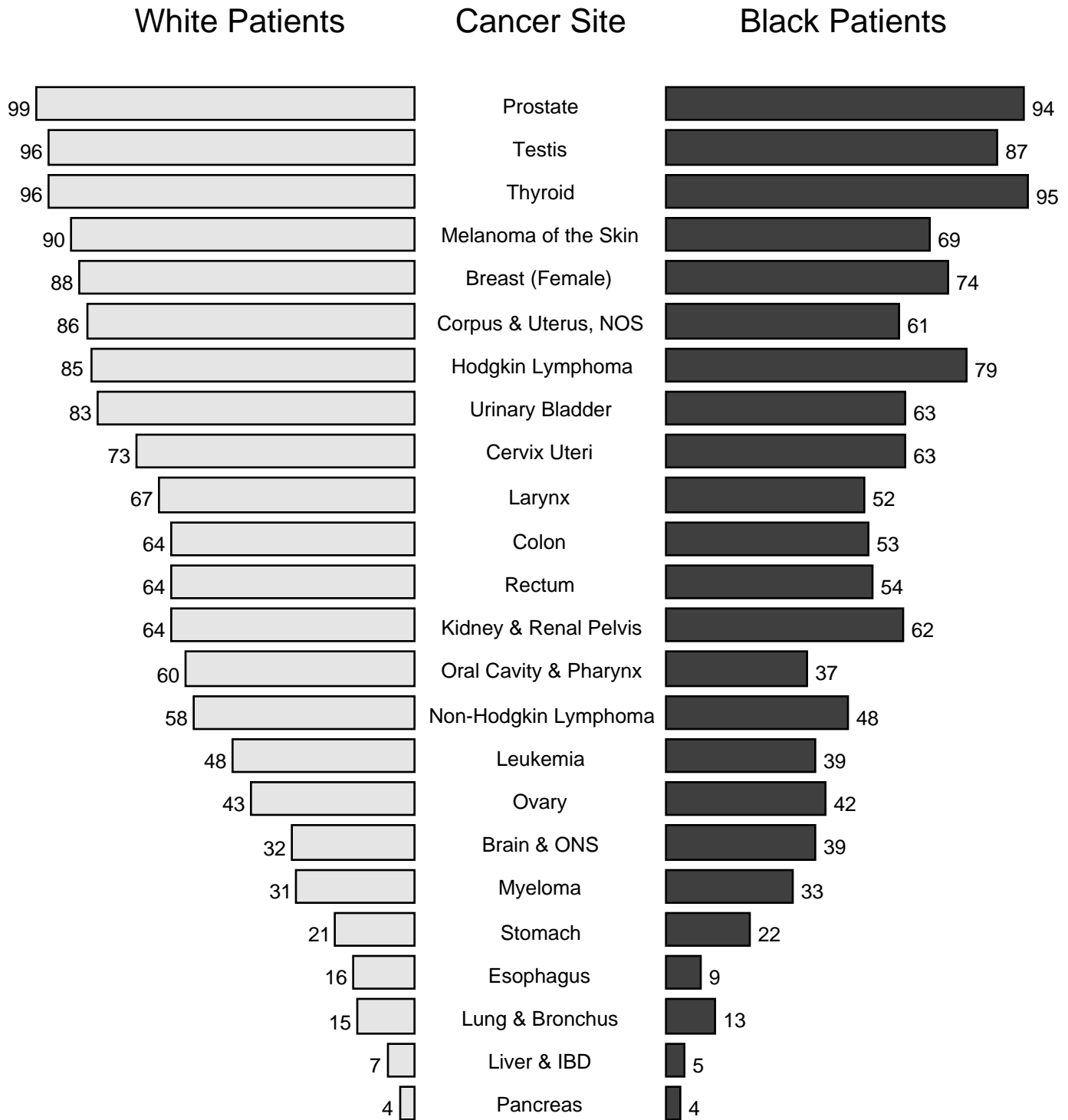
Figure 1-9

\* 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 for the total US 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, 1995-2000 Both Sexes, by Race



Source: SEER 9 areas.

Table II-4  
ALL SITES (Invasive)

	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 <sup>a</sup>	-	-	-	39	-	-	27	-	-
1970-1973 <sup>a</sup>	-	-	-	43	-	-	31	-	-
1974-1976 <sup>b</sup>	49.6	41.1	57.1	50.6	42.2	57.8	39.2	31.7	47.2
1977-1979 <sup>b</sup>	50.1	43.3	56.3	51.2	44.7	57.1	39.3	32.4	46.8
1980-1982 <sup>b</sup>	51.0	45.3	56.3	52.1	46.7	57.1	39.8	34.4	46.1
1983-1985 <sup>b</sup>	52.5	46.9	57.8	53.9	48.6	58.9	39.8	34.5	45.6
1986-1988 <sup>b</sup>	55.3	50.1	60.4	56.8	51.9	61.5	42.7	37.8	47.9
1989-1991 <sup>b</sup>	58.8	56.1	61.6	60.3	57.8	62.8	46.2	43.5	49.2
1992-1994 <sup>b</sup>	62.3	62.1	62.6	63.8	63.8	63.9	52.0	53.3	50.4
1995-2000 <sup>b</sup>	64.1 <sup>c</sup>	64.0 <sup>c</sup>	64.3 <sup>c</sup>	65.5 <sup>c</sup>	65.5 <sup>c</sup>	65.5 <sup>c</sup>	55.2 <sup>c</sup>	57.5 <sup>c</sup>	52.7 <sup>c</sup>
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	75.5	68.6	80.3	78.2	72.1	82.6	58.9	49.1	65.7
45-54	69.3	61.6	75.2	71.5	63.9	77.2	56.3	52.3	60.3
55-64	65.9	65.4	66.5	67.4	66.9	67.9	57.8	60.9	53.1
65-74	63.0	66.7	58.3	64.1	67.7	59.5	56.6	64.5	45.2
75+	53.1	57.6	49.2	54.2	58.6	50.5	44.1	52.3	36.8
Under 65	69.4	65.0	73.4	71.4	67.2	75.1	57.6	55.7	59.7
65 and over	59.0	63.4	54.1	60.0	64.4	55.3	52.0	60.6	41.6

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	18	16	21	19	17	21
1970-1973 <sup>a</sup>	-	-	-	20	18	22	19	19	19
1974-1976 <sup>b</sup>	22.3	20.4	24.7	22.1	20.4	24.2	26.5	17.0	39.5 <sup>d</sup>
1977-1979 <sup>b</sup>	24.6	23.0	26.5	23.9	22.5	25.7	27.9	25.0	31.0 <sup>d</sup>
1980-1982 <sup>b</sup>	25.4	24.5	26.5	24.6	23.8	25.7	31.1	33.9	27.2 <sup>d</sup>
1983-1985 <sup>b</sup>	26.6	25.3	28.3	26.0	24.9	27.3	32.3	31.8	33.0 <sup>d</sup>
1986-1988 <sup>b</sup>	30.8	29.1	32.8	30.1	28.0	32.6	32.6	35.7	28.9
1989-1991 <sup>b</sup>	31.0	31.3	30.6	30.2	30.1	30.3	38.4	41.1	35.4
1992-1994 <sup>b</sup>	32.8	33.5	31.9	32.1	32.5	31.5	40.4	44.1	36.8
1995-2000 <sup>b</sup>	33.0 <sup>c</sup>	32.7 <sup>c</sup>	33.4 <sup>c</sup>	32.2 <sup>c</sup>	32.0 <sup>c</sup>	32.5 <sup>c</sup>	37.7 <sup>c</sup>	38.3 <sup>c</sup>	36.8
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	62.7	61.1	64.8	63.3	62.0	65.0	56.8	55.7	58.1 <sup>d</sup>
45-54	25.0	22.9	28.4	25.0	22.6	29.2	25.6 <sup>d</sup>	29.8 <sup>d</sup>	19.5 <sup>d</sup>
55-64	14.0	13.8	14.3	13.6	13.5	13.8	11.8	5.8 <sup>d</sup>	16.1 <sup>d</sup>
65-74	6.8	6.4	7.2	6.8	6.1	7.7	-	-	-
75+	3.9	3.7	4.0	3.5	3.1	3.9	14.7 <sup>d</sup>	-	-
Under 65	43.3	41.4	46.1	42.9	41.1	45.6	42.8	42.4	43.3
65 and over	5.6	5.4	5.7	5.5	5.0	5.9	9.4	9.9 <sup>d</sup>	8.9 <sup>d</sup>

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	63	-	-	46	-	-
1970-1973 <sup>a</sup>	-	-	-	68	-	-	51	-	-
1974-1976 <sup>b</sup>	74.7	76.4	74.1	75.3	77.4	74.6	63.2	64.2	62.6
1977-1979 <sup>b</sup>	74.7	75.8	74.4	75.5	76.8	75.1	63.1	65.3	61.8
1980-1982 <sup>b</sup>	76.3	77.1	76.1	77.1	77.9	76.9	65.8	68.7	64.1
1983-1985 <sup>b</sup>	78.1	77.4	78.4	79.3	79.0	79.3	63.6	63.5	63.6
1986-1988 <sup>b</sup>	82.8	80.1	83.8	83.9	81.5	84.7	69.2	67.4	70.1
1989-1991 <sup>b</sup>	84.9	82.7	85.8	86.2	84.6	86.8	71.2	69.3	72.5
1992-1994 <sup>b</sup>	86.2	83.9	87.0	87.5	85.9	88.1	72.5	70.0	74.0
1995-2000 <sup>b</sup>	87.7 <sup>c</sup>	85.5 <sup>c</sup>	88.5 <sup>c</sup>	88.9 <sup>c</sup>	87.3 <sup>c</sup>	89.5 <sup>c</sup>	75.2 <sup>c</sup>	72.9 <sup>c</sup>	76.8 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	87.7	85.5	88.5	88.9	87.3	89.5	75.2	72.9	76.8
LOCALIZED	97.5	94.4	98.6	98.1	95.1	99.0	91.1	88.5	92.6
REGIONAL	80.4	80.7	80.3	82.0	83.1	81.6	67.8	66.3	69.1
DISTANT	25.5	32.5	23.0	27.0	36.2	24.1	14.7	17.8	12.9
UNSTAGED	54.9	65.4	51.6	55.7	68.3	52.1	49.6	54.1 <sup>d</sup>	46.2 <sup>d</sup>
<i>IN SITU</i> <sup>e</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	100.0
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	91,516	22,676	68,840	77,492	17,924	59,568	7,754	2,759	4,995
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	63	56	66	64	57	66	53	49	56
REGIONAL	29	37	26	28	36	26	35	40	32
DISTANT	6	5	6	5	5	6	9	8	9
UNSTAGED	2	2	2	2	2	2	3	3	4
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	84.0	-	-	86.1	-	-	70.4	-	-
45-54	88.0	-	-	89.5	-	-	76.4	-	-
55-64	88.8	-	-	90.1	-	-	78.3	-	-
65-74	89.7	-	-	90.3	-	-	79.7	-	-
75+	86.9	-	-	87.7	-	-	71.2	-	-
Under 65	87.3	-	-	88.9	-	-	75.0	-	-
65 and over	88.6	-	-	89.3	-	-	76.4	-	-

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 2001.

c

The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p&lt;.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.

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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 <sup>a</sup>	-	-	-	58	-	-	47	-	-
1970-1973 <sup>a</sup>	-	-	-	64	-	-	61	-	-
1974-1976 <sup>b</sup>	69.2	81.5	58.2	69.9	82.4	58.7	63.8	75.3	54.0
1977-1979 <sup>b</sup>	68.6	78.3	59.7	69.7	80.1	60.5	62.2	71.7	52.7
1980-1982 <sup>b</sup>	67.7	79.4	56.2	68.2	80.6	55.9	61.5	72.5	51.1
1983-1985 <sup>b</sup>	68.9	78.5	57.9	70.6	80.5	58.8	60.8	70.5	50.5
1986-1988 <sup>b</sup>	69.1	78.8	56.7	71.9	81.5	58.5	55.7	63.9	47.9
1989-1991 <sup>b</sup>	71.1	78.5	60.8	72.5	80.9	60.1	62.6	67.2	57.3
1992-1994 <sup>b</sup>	70.7	80.1	57.0	72.6	82.7	56.8	57.7	62.7	50.3
1995-2000 <sup>b</sup>	72.7 <sup>c</sup>	80.7	60.8	74.0 <sup>c</sup>	82.5	60.0	65.7	69.2	61.5
1995-2000 <sup>b</sup>									
ALL STAGES	72.7	80.7	60.8	74.0	82.5	60.0	65.7	69.2	61.5
LOCALIZED	92.2	94.3	87.4	92.9	95.7	85.9	86.9	85.6	90.5 <sup>d</sup>
REGIONAL	53.3	58.0	49.1	53.2	58.6	47.9	49.9	51.9 <sup>d</sup>	48.1 <sup>d</sup>
DISTANT	16.8	20.8	13.9	18.1	25.9	11.9	11.3	11.2 <sup>d</sup>	12.3 <sup>d</sup>
UNSTAGED	60.9	73.8	46.7 <sup>d</sup>	64.7	76.7	47.5 <sup>d</sup>	53.3 <sup>d</sup>	54.8 <sup>e</sup>	52.6 <sup>d</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	6,321	3,687	2,634	4,671	2,819	1,852	939	519	420
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	55	66	40	57	67	41	49	59	37
REGIONAL	32	24	42	30	23	41	34	30	39
DISTANT	7	5	11	7	5	11	8	6	11
UNSTAGED	6	5	8	6	5	7	9	6	13

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	82.4	-	-	84.1	-	-	71.6	-	-
45-54	70.7	-	-	72.4	-	-	58.6	-	-
55-64	64.3	-	-	61.8	-	-	63.4 <sup>d</sup>	-	-
65-74	64.4	-	-	64.9	-	-	63.8 <sup>d</sup>	-	-
75+	43.5	-	-	39.9	-	-	60.4 <sup>d</sup>	-	-
Under 65	76.3	-	-	77.7	-	-	66.8	-	-
65 and over	55.7	-	-	54.8	-	-	62.0 <sup>d</sup>	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1974-1976 <sup>b</sup>	49.8	48.8	50.7	50.1	49.1	50.9	45.1	42.0	47.8
1977-1979 <sup>b</sup>	52.0	50.8	53.1	52.3	51.3	53.3	45.8	43.8	47.4
1980-1982 <sup>b</sup>	54.4	53.9	54.9	54.9	54.5	55.2	46.7	43.8	49.2
1983-1985 <sup>b</sup>	56.9	56.9	57.0	57.7	57.7	57.7	48.2	47.0	49.1
1986-1988 <sup>b</sup>	60.2	60.5	60.0	60.8	61.3	60.4	52.7	51.1	54.0
1989-1991 <sup>b</sup>	61.8	62.0	61.7	62.4	62.6	62.1	54.1	54.5	53.7
1992-1994 <sup>b</sup>	61.8	61.7	61.9	62.8	62.7	62.8	52.1	50.8	53.2
1995-2000 <sup>b</sup>	63.4 <sup>c</sup>	63.7 <sup>c</sup>	63.1 <sup>c</sup>	64.1 <sup>c</sup>	64.3 <sup>c</sup>	63.8 <sup>c</sup>	54.6 <sup>c</sup>	55.5 <sup>c</sup>	54.0 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	63.4	63.7	63.1	64.1	64.3	63.8	54.6	55.5	54.0
LOCALIZED	89.9	90.9	89.0	90.4	91.3	89.4	82.7	83.8	82.1
REGIONAL	67.3	66.9	67.7	68.0	67.6	68.4	60.9	61.4	60.5
DISTANT	9.6	9.4	9.9	9.7	9.4	9.9	9.1	10.1	8.3
UNSTAGED	35.2	39.8	30.9	35.3	39.8	31.1	36.4	42.4 <sup>d</sup>	30.2 <sup>d</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	63,334	31,787	31,547	52,500	26,401	26,099	5,794	2,644	3,150
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	39	39	38	39	40	38	35	35	35
REGIONAL	38	37	38	38	37	38	35	34	35
DISTANT	19	19	19	19	19	18	24	25	24
UNSTAGED	5	5	5	5	5	5	6	7	6

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	61.9	62.1	61.7	63.5	62.5	64.8	55.4	60.9	49.6
45-54	65.5	64.9	66.2	66.4	65.3	67.8	61.7	62.5	60.9
55-64	65.4	65.2	65.6	65.8	66.0	65.5	57.4	55.7	59.6
65-74	65.2	64.7	65.7	65.7	65.0	66.5	56.5	56.0	57.0
75+	59.9	61.4	59.1	61.0	62.7	59.9	43.6	43.1	43.9
Under 65	64.8	64.6	65.2	65.6	65.3	66.1	58.5	58.9	58.1
65 and over	62.7	63.4	62.1	63.4	64.1	62.9	50.9	51.2	50.8

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	43	42	44	34	32	35
1970-1973 <sup>a</sup>	-	-	-	49	47	50	37	36	38
1974-1976 <sup>b</sup>	50.4	49.5	51.1	50.6	49.8	51.3	46.2	44.9	47.3
1977-1979 <sup>b</sup>	52.9	51.8	53.9	53.1	52.0	53.9	48.2	45.9	50.0
1980-1982 <sup>b</sup>	55.4	55.6	55.2	55.6	55.9	55.4	49.4	46.9	51.4
1983-1985 <sup>b</sup>	57.7	58.1	57.4	58.5	59.0	58.0	49.5	48.3	50.3
1986-1988 <sup>b</sup>	60.9	61.7	60.2	61.6	62.5	60.7	53.1	52.8	53.4
1989-1991 <sup>b</sup>	62.6	63.1	62.1	63.2	63.8	62.6	53.9	53.8	54.1
1992-1994 <sup>b</sup>	62.1	62.4	61.8	63.1	63.5	62.7	51.9	50.6	52.9
1995-2000 <sup>b</sup>	63.0 <sup>c</sup>	63.9 <sup>c</sup>	62.2 <sup>c</sup>	63.8 <sup>c</sup>	64.7 <sup>c</sup>	63.0 <sup>c</sup>	54.4 <sup>c</sup>	56.3 <sup>c</sup>	53.0 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	63.0	63.9	62.2	63.8	64.7	63.0	54.4	56.3	53.0
LOCALIZED	91.1	92.9	89.5	91.7	93.4	90.0	83.8	87.0	81.7
REGIONAL	69.0	69.6	68.5	69.7	70.4	69.1	62.7	63.6	62.1
DISTANT	10.1	9.9	10.3	10.1	9.9	10.3	9.5	10.9	8.5
UNSTAGED	29.9	35.3	25.4	30.6	35.8	26.5	28.1	34.4 <sup>d</sup>	22.4 <sup>d</sup>
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	45,015	21,435	23,580	37,298	17,828	19,470	4,373	1,905	2,468
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	36	37	35	37	38	36	33	33	33
REGIONAL	39	38	40	39	38	40	36	36	37
DISTANT	21	21	20	20	21	20	25	26	25
UNSTAGED	4	4	5	4	4	5	6	6	5
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	61.6	63.5	59.3	63.4	63.2	63.7	56.3	65.6	48.2 <sup>d</sup>
45-54	63.0	63.4	62.5	63.5	63.3	63.6	60.5	60.5	60.4
55-64	64.7	65.1	64.2	65.5	66.4	64.4	55.6	55.5	56.2
65-74	64.7	64.9	64.5	65.4	65.5	65.3	57.8	58.3	57.4
75+	60.8	62.7	59.7	61.8	63.8	60.7	43.8	44.9	43.4
Under 65	63.7	64.4	63.0	64.6	65.1	64.0	57.6	59.2	56.2
65 and over	62.8	64.1	61.9	63.6	64.9	62.7	51.7	53.2	50.9

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

<sup>b</sup> 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 2001.

<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>e</sup> 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 <sup>a</sup>	-	-	-	38	36	41	27	28	27
1970-1973 <sup>a</sup>	-	-	-	45	43	48	30	20	40
1974-1976 <sup>b</sup>	48.5	47.6	49.6	48.9	48.0	49.9	42.0	34.7	49.3
1977-1979 <sup>b</sup>	49.9	48.9	51.0	50.6	49.8	51.6	39.0	38.5	39.4
1980-1982 <sup>b</sup>	52.2	50.6	54.1	53.1	51.7	54.7	38.3	36.4	40.6
1983-1985 <sup>b</sup>	55.1	54.4	55.9	55.9	55.2	56.8	44.1	43.1	44.9
1986-1988 <sup>b</sup>	58.5	58.0	59.3	59.2	58.9	59.5	51.3	46.7	56.0
1989-1991 <sup>b</sup>	60.1	59.8	60.5	60.5	60.3	60.8	54.5	56.4	52.6
1992-1994 <sup>b</sup>	61.1	60.1	62.3	62.0	61.1	63.2	52.7	51.3	54.1
1995-2000 <sup>b</sup>	64.3 <sup>c</sup>	63.2 <sup>c</sup>	65.6 <sup>c</sup>	64.6 <sup>c</sup>	63.6 <sup>c</sup>	65.9 <sup>c</sup>	55.2 <sup>c</sup>	53.5 <sup>c</sup>	57.2 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	64.3	63.2	65.6	64.6	63.6	65.9	55.2	53.5	57.2
LOCALIZED	87.7	87.6	87.9	87.8	87.7	88.0	80.0	77.7	83.1
REGIONAL	62.7	61.1	64.9	63.4	61.7	65.8	54.1	54.4 <sup>d</sup>	53.8 <sup>d</sup>
DISTANT	8.2	8.0	8.6	8.3	8.2	8.7	8.4	8.7	8.0
UNSTAGED	43.3	45.5	40.6	42.3	44.8	39.4	51.8 <sup>d</sup>	55.2 <sup>d</sup>	47.3 <sup>e</sup>
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	18,319	10,352	7,967	15,202	8,573	6,629	1,421	739	682
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	44	44	45	44	44	45	41	39	42
REGIONAL	34	35	34	35	35	34	30	30	30
DISTANT	15	16	15	15	15	14	20	22	18
UNSTAGED	6	6	7	6	6	7	9	9	9
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	62.4	59.9	65.3	63.6	61.4	66.2	53.6 <sup>d</sup>	52.4 <sup>d</sup>	52.9 <sup>d</sup>
45-54	69.2	66.8	73.1	70.8	68.0	75.2	62.2	63.8 <sup>d</sup>	59.5 <sup>d</sup>
55-64	66.6	65.2	68.8	66.4	65.2	68.1	62.3	56.2 <sup>d</sup>	70.5 <sup>d</sup>
65-74	66.4	64.3	69.5	66.4	63.9	70.0	52.0	48.7 <sup>d</sup>	55.2 <sup>d</sup>
75+	57.1	58.0	56.6	58.1	59.5	57.2	43.2	36.9 <sup>d</sup>	46.3 <sup>d</sup>
Under 65	66.8	64.9	69.6	67.3	65.5	70.0	60.5	58.4	63.7
65 and over	62.4	61.9	62.9	62.8	62.2	63.4	48.1	44.6 <sup>d</sup>	50.7

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.  
<sup>b</sup> 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 2001.  
<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).  
<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.  
<sup>e</sup> 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 <sup>a</sup>	-	-	-	73	-	-	31	-	-
1970-1973 <sup>a</sup>	-	-	-	81	-	-	44	-	-
1974-1976 <sup>b</sup>	88.0	92.2	87.4	88.9	92.9	88.4	61.5	84.4 <sup>d</sup>	56.5
1977-1979 <sup>b</sup>	85.1	92.2	84.1	86.4	93.1	85.5	57.9	81.1 <sup>d</sup>	52.5
1980-1982 <sup>b</sup>	81.6	91.2	80.4	82.8	92.4	81.7	55.2	85.5 <sup>d</sup>	50.3
1983-1985 <sup>b</sup>	82.9	92.6	81.6	84.5	93.4	83.5	54.3	81.4 <sup>d</sup>	50.3
1986-1988 <sup>b</sup>	82.9	92.5	81.4	84.4	92.6	83.3	57.5	86.7	52.2
1989-1991 <sup>b</sup>	83.8	88.5	83.0	85.7	90.9	84.9	57.8	72.2 <sup>d</sup>	55.2
1992-1994 <sup>b</sup>	84.3	90.2	83.2	86.3	91.7	85.5	56.1	81.2	50.0
1995-2000 <sup>b</sup>	84.4 <sup>c</sup>	89.6 <sup>c</sup>	83.5 <sup>c</sup>	86.1 <sup>c</sup>	90.7 <sup>c</sup>	85.4 <sup>c</sup>	63.1	81.1	59.2
1995-2000 <sup>b</sup>									
ALL STAGES	84.4	89.6	83.5	86.1	90.7	85.4	63.1	81.1	59.2
LOCALIZED	95.8	96.3	95.8	96.6	97.0	96.6	85.2	92.2	83.4
REGIONAL	67.0	82.1	64.2	69.6	84.3	67.0	43.5	64.2 <sup>d</sup>	39.6
DISTANT	25.6	38.0	23.6	27.5	38.5 <sup>d</sup>	25.7	16.8	-	15.3
UNSTAGED	56.3	82.9 <sup>d</sup>	52.2	56.6	89.0	52.4	52.6 <sup>d</sup>	-	47.9 <sup>d</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	17,250	2,539	14,711	14,909	1,963	12,946	1,099	181	918
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	72	74	72	73	73	73	55	69	52
REGIONAL	16	16	16	15	16	15	22	19	22
DISTANT	8	7	8	7	7	7	16	6	18
UNSTAGED	4	4	5	4	4	4	8	7	8

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	89.5	-	-	89.9	-	-	80.3	-	-
45-54	90.8	-	-	92.0	-	-	81.2	-	-
55-64	88.5	-	-	90.9	-	-	61.2	-	-
65-74	81.9	-	-	84.2	-	-	55.4	-	-
75+	74.0	-	-	75.9	-	-	45.5 <sup>d</sup>	-	-
Under 65	89.5	-	-	91.2	-	-	71.1	-	-
65 and over	78.8	-	-	80.8	-	-	53.3	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	4	4	6	1	0	2
1970-1973 <sup>a</sup>	-	-	-	4	4	4	4	4	3
1974-1976 <sup>b</sup>	4.8	3.8	7.3	5.3	4.6	6.8	3.7	1.7	9.1
1977-1979 <sup>b</sup>	5.1	4.9	5.8	5.7	5.8	5.6	2.8	2.4	4.3
1980-1982 <sup>b</sup>	6.7	6.0	8.5	7.3	6.4	9.2	5.4	4.6	7.2
1983-1985 <sup>b</sup>	8.2	6.8	11.8	9.3	7.7	13.2	5.9	4.7	9.6
1986-1988 <sup>b</sup>	9.8	9.9	9.4	10.7	11.3	9.4	7.2	7.0	7.6
1989-1991 <sup>b</sup>	11.0	10.8	11.4	11.7	11.8	11.5	8.9	8.0	10.5
1992-1994 <sup>b</sup>	14.1	13.8	14.9	15.3	14.8	16.7	9.7	10.2	8.4
1995-2000 <sup>b</sup>	14.3 <sup>c</sup>	14.2 <sup>c</sup>	14.7 <sup>c</sup>	15.8 <sup>c</sup>	15.6 <sup>c</sup>	16.3 <sup>c</sup>	8.9 <sup>c</sup>	8.5 <sup>c</sup>	9.8
1995-2000 <sup>b</sup>									
ALL STAGES	14.3	14.2	14.7	15.8	15.6	16.3	8.9	8.5	9.8
LOCALIZED	29.3	30.1	27.1	33.2	34.4	29.4	13.9	12.2	16.9 <sup>d</sup>
REGIONAL	13.3	12.0	17.1	14.2	13.2	17.8	12.3	10.0	16.7 <sup>d</sup>
DISTANT	3.1	3.0	3.3	3.0	2.8	4.0	2.2	1.8	0.0
UNSTAGED	11.3	12.9	8.1	12.0	13.2	9.7	9.0	12.9	3.3
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	5,485	4,148	1,337	4,383	3,350	1,033	762	524	238
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	26	26	27	26	26	28	25	25	24
REGIONAL	30	31	27	30	31	27	26	26	26
DISTANT	27	29	22	27	29	21	30	31	27
UNSTAGED	17	15	23	17	15	24	19	17	24
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	22.5	20.6	30.2 <sup>d</sup>	21.1	18.4	-	24.3 <sup>d</sup>	26.4 <sup>d</sup>	-
45-54	15.2	15.6	13.1	18.1	18.7	14.0 <sup>d</sup>	8.4	7.1	13.2 <sup>d</sup>
55-64	16.8	16.5	18.1	18.8	18.1	21.9	12.4	11.8	14.3 <sup>d</sup>
65-74	14.2	13.6	16.2	15.7	14.9	18.2	4.0	3.0	5.2
75+	8.9	8.1	10.1	9.9	9.4	10.7	5.1	-	5.7
Under 65	16.7	16.4	18.1	18.7	18.3	21.2	12.0	11.0	14.8
65 and over	12.3	11.8	13.2	13.5	13.1	14.4	4.3	3.2	5.5

<sup>a</sup>

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

<sup>b</sup>

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 2001.

<sup>c</sup>

The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>d</sup>

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

<sup>e</sup>

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

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Statistic could not be calculated.

Table IX-4  
HODGKIN LYMPHOMA

	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 <sup>a</sup>	-	-	-	40	34	48	-	-	-
1970-1973 <sup>a</sup>	-	-	-	67	66	69	-	-	-
1974-1976 <sup>b</sup>	71.2	69.7	73.1	71.6	69.8	73.9	69.1	72.1 <sup>d</sup>	62.4 <sup>d</sup>
1977-1979 <sup>b</sup>	73.2	70.9	76.2	73.3	70.9	76.4	72.9	72.0 <sup>d</sup>	73.5 <sup>d</sup>
1980-1982 <sup>b</sup>	74.5	74.0	75.2	75.1	74.7	75.5	71.6	73.5 <sup>d</sup>	68.4 <sup>d</sup>
1983-1985 <sup>b</sup>	78.8	77.6	80.4	79.0	77.9	80.4	77.4	73.3 <sup>d</sup>	85.6 <sup>d</sup>
1986-1988 <sup>b</sup>	79.4	77.0	82.3	80.0	77.5	83.2	72.1	74.3 <sup>d</sup>	69.3 <sup>d</sup>
1989-1991 <sup>b</sup>	81.4	78.9	84.5	82.6	80.4	85.3	73.3	65.8 <sup>d</sup>	81.6
1992-1994 <sup>b</sup>	83.4	80.7	86.5	84.3	82.0	86.9	76.5	72.1	80.9
1995-2000 <sup>b</sup>	85.2 <sup>c</sup>	83.9 <sup>c</sup>	86.8 <sup>c</sup>	85.9 <sup>c</sup>	84.5 <sup>c</sup>	87.5 <sup>c</sup>	80.4 <sup>c</sup>	77.6	83.5 <sup>c</sup>
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	91.3	89.7	93.0	92.4	90.8	94.3	82.9	81.1	84.5
45-54	83.8	78.9	90.9	85.3	80.3	93.0	72.7 <sup>d</sup>	68.8 <sup>e</sup>	-
55-64	72.3	70.4	76.0	73.2	71.0	77.7	-	-	-
65-74	59.9	58.9 <sup>d</sup>	60.0 <sup>d</sup>	58.5	57.7 <sup>d</sup>	58.9 <sup>d</sup>	-	-	-
75+	44.1 <sup>d</sup>	52.8 <sup>d</sup>	33.8 <sup>d</sup>	45.9 <sup>d</sup>	54.3 <sup>d</sup>	35.5 <sup>d</sup>	-	-	-
Under 65	88.8	86.4	91.7	89.8	87.3	93.0	81.2	78.5	84.2
65 and over	52.8	57.8 <sup>d</sup>	48.4	52.7	56.4 <sup>d</sup>	48.5	-	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	37	36	39	38	38	37
1970-1973 <sup>a</sup>	-	-	-	46	44	50	44	40	49
1974-1976 <sup>b</sup>	51.6	51.0	52.6	51.7	50.9	52.9	49.2	50.2	47.4 <sup>d</sup>
1977-1979 <sup>b</sup>	51.0	51.2	50.8	51.0	51.5	50.2	51.8	44.7	60.9 <sup>d</sup>
1980-1982 <sup>b</sup>	51.7	52.1	51.1	51.1	51.9	49.8	56.3	53.8	60.2 <sup>d</sup>
1983-1985 <sup>b</sup>	55.7	56.5	54.3	55.8	56.8	54.2	55.0	54.1	56.4
1986-1988 <sup>b</sup>	57.0	57.4	56.3	57.6	58.2	56.7	53.6	52.2	55.5
1989-1991 <sup>b</sup>	60.1	60.7	59.2	60.8	61.9	59.2	58.1	55.1	62.3
1992-1994 <sup>b</sup>	62.5	62.1	63.0	63.1	62.9	63.4	60.0	58.3	62.3
1995-2000 <sup>b</sup>	63.9 <sup>c</sup>	63.9 <sup>c</sup>	63.9 <sup>c</sup>	63.9 <sup>c</sup>	64.1 <sup>c</sup>	63.6 <sup>c</sup>	63.5 <sup>c</sup>	63.5 <sup>c</sup>	63.5 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	63.9	63.9	63.9	63.9	64.1	63.6	63.5	63.5	63.5
LOCALIZED	91.1	91.4	90.6	91.7	91.7	91.8	87.7	89.7	85.5
REGIONAL	59.1	60.7	56.4	58.9	60.8	55.8	58.7	61.9 <sup>d</sup>	54.3 <sup>d</sup>
DISTANT	9.3	9.3	9.2	9.1	9.2	8.7	9.2	8.4	9.9
UNSTAGED	32.7	35.0	30.1	33.3	38.3	26.9	21.2 <sup>d</sup>	12.8 <sup>d</sup>	33.6 <sup>e</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	13,092	8,008	5,084	10,933	6,745	4,188	1,345	748	597
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	52	51	54	52	51	53	57	56	59
REGIONAL	21	22	19	21	22	20	16	16	16
DISTANT	22	22	21	22	22	21	19	21	18
UNSTAGED	6	5	7	6	5	7	8	7	8

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	80.2	79.2	81.7	81.9	81.5	82.4	70.6	66.2 <sup>d</sup>	75.3
45-54	68.8	65.2	77.0	69.0	66.0	75.8	66.9	60.8	77.6
55-64	62.1	61.6	63.2	62.0	61.2	63.5	63.0	62.6 <sup>d</sup>	63.7 <sup>d</sup>
65-74	61.8	62.1	61.5	61.5	61.3	61.8	63.6	69.7 <sup>d</sup>	57.3 <sup>d</sup>
75+	52.0	56.2	47.7	53.3	58.1	48.4	42.8 <sup>d</sup>	56.1 <sup>e</sup>	33.8 <sup>d</sup>
Under 65	68.5	66.5	72.5	68.6	66.9	72.1	66.8	62.9	72.6
65 and over	58.0	60.2	55.4	58.4	60.5	55.9	56.1	65.2 <sup>d</sup>	48.0

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	53	54	46	-	-	-
1970-1973 <sup>a</sup>	-	-	-	62	63	56	-	-	-
1974-1976 <sup>b</sup>	65.7	65.4	67.2	66.4	66.1	67.9	59.9	59.1	64.0 <sup>d</sup>
1977-1979 <sup>b</sup>	67.0	67.9	62.8	68.3	69.4	62.6	55.8	54.0	63.0 <sup>d</sup>
1980-1982 <sup>b</sup>	68.1	68.0	68.5	69.3	69.0	70.4	58.3	59.7	50.6 <sup>d</sup>
1983-1985 <sup>b</sup>	67.1	68.3	61.9	68.6	69.6	63.7	55.3	56.5	51.3 <sup>d</sup>
1986-1988 <sup>b</sup>	66.7	67.4	64.2	68.7	69.8	64.2	54.1	52.3	61.5 <sup>d</sup>
1989-1991 <sup>b</sup>	65.6	66.9	61.0	66.7	68.0	61.9	55.9	56.1	55.2 <sup>d</sup>
1992-1994 <sup>b</sup>	64.2	65.7	58.6	66.2	67.5	60.7	53.8	55.7	46.6 <sup>d</sup>
1995-2000 <sup>b</sup>	65.1	66.7	59.6	67.4	68.9	62.0	51.0	52.5	46.5 <sup>d</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	65.1	66.7	59.6	67.4	68.9	62.0	51.0	52.5	46.5 <sup>d</sup>
LOCALIZED	83.7	85.6	76.3	85.9	87.9	78.0	67.7	70.2 <sup>d</sup>	60.0 <sup>d</sup>
REGIONAL	48.7	48.9	48.0	49.9	50.2	49.2	42.7	42.3	43.6 <sup>d</sup>
DISTANT	18.7	20.5	9.5 <sup>d</sup>	16.9	19.6	-	19.4 <sup>d</sup>	0.0	-
UNSTAGED	55.6	60.3 <sup>d</sup>	45.2 <sup>d</sup>	58.9 <sup>d</sup>	61.3 <sup>d</sup>	53.7 <sup>d</sup>	-	-	-
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	4,937	3,884	1,053	4,025	3,184	841	693	520	173
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	49	50	44	50	52	46	38	39	34
REGIONAL	44	43	47	42	41	46	53	53	54
DISTANT	4	4	3	4	4	3	6	6	5
UNSTAGED	4	3	5	4	4	5	3	2	7
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	69.1	67.5	72.0 <sup>d</sup>	73.7	73.8	73.1 <sup>d</sup>	50.3 <sup>d</sup>	43.0 <sup>d</sup>	-
45-54	68.1	69.0	63.6 <sup>d</sup>	72.2	73.1	66.7 <sup>d</sup>	51.7	51.6 <sup>d</sup>	52.4 <sup>d</sup>
55-64	64.6	65.2	62.4	65.7	65.9	64.6	59.4	60.5 <sup>d</sup>	57.3 <sup>d</sup>
65-74	65.5	68.5	55.1	67.6	69.9	59.4	47.3 <sup>d</sup>	56.0 <sup>d</sup>	27.9 <sup>d</sup>
75+	60.5	63.4	52.8 <sup>d</sup>	63.6	67.7	52.9 <sup>d</sup>	31.0 <sup>d</sup>	30.9 <sup>e</sup>	-
Under 65	66.3	66.8	64.3	68.7	69.1	66.8	55.0	54.6	56.1 <sup>d</sup>
65 and over	64.0	67.0	54.4	66.4	69.3	57.1	43.5	48.6 <sup>d</sup>	29.9 <sup>d</sup>

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

<sup>b</sup> 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 2001.

<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>e</sup> The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table XIII-8  
LEUKEMIA

	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 <sup>a</sup>	-	-	-	14	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	22	-	-	-	-	-
1974-1976 <sup>b</sup>	34.4	33.2	36.0	35.2	33.9	36.8	31.2	32.2	30.2
1977-1979 <sup>b</sup>	37.3	36.5	38.2	38.1	37.3	39.1	30.4	29.2	31.6
1980-1982 <sup>b</sup>	38.7	38.4	39.1	39.5	39.6	39.5	32.9	30.1	36.2
1983-1985 <sup>b</sup>	40.8	40.3	41.5	42.1	41.7	42.6	33.6	32.3	35.0
1986-1988 <sup>b</sup>	43.2	44.3	41.8	44.3	45.7	42.5	38.0	36.3	39.8
1989-1991 <sup>b</sup>	45.1	44.9	45.4	46.4	46.9	45.8	34.9	30.1	40.3
1992-1994 <sup>b</sup>	47.6	48.7	46.1	49.2	50.4	47.6	39.4	38.6	40.3
1995-2000 <sup>b</sup>	46.4 <sup>c</sup>	47.0 <sup>c</sup>	45.7 <sup>c</sup>	47.8 <sup>c</sup>	48.1 <sup>c</sup>	47.3 <sup>c</sup>	38.6	39.1	38.1
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	62.5	61.9	63.3	64.6	63.9	65.6	50.0	48.9	51.5
45-54	55.0	57.2	51.6	57.2	58.4	55.3	44.6 <sup>d</sup>	47.7 <sup>d</sup>	40.2 <sup>d</sup>
55-64	49.3	49.8	48.6	51.9	52.3	51.2	33.7 <sup>d</sup>	31.2 <sup>d</sup>	36.6 <sup>d</sup>
65-74	39.8	38.4	41.7	41.9	40.3	44.3	27.1	27.2 <sup>d</sup>	27.9 <sup>d</sup>
75+	27.7	26.1	29.0	28.8	26.8	30.4	22.5	23.2 <sup>d</sup>	22.2 <sup>d</sup>
Under 65	57.1	57.4	56.7	59.1	59.1	59.2	45.6	45.4	45.7
65 and over	33.9	33.2	34.6	35.5	34.5	36.5	25.1	25.8	25.1

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	38.3	34.3	43.9	38.6	34.4	44.6	27.7 <sup>c</sup>	-	-
1977-1979 <sup>a</sup>	51.0	47.6	55.8	52.1	49.5	55.7	40.9 <sup>c</sup>	-	-
1980-1982 <sup>a</sup>	53.2	49.5	58.2	53.4	49.8	58.5	39.5 <sup>c</sup>	34.1 <sup>c</sup>	44.6 <sup>d</sup>
1983-1985 <sup>a</sup>	51.3	48.1	55.4	52.4	49.3	56.5	35.2 <sup>c</sup>	37.8 <sup>c</sup>	-
1986-1988 <sup>a</sup>	55.2	53.7	57.5	55.7	53.8	58.5	46.9 <sup>c</sup>	41.5 <sup>c</sup>	50.9 <sup>c</sup>
1989-1991 <sup>a</sup>	58.9	57.4	60.9	59.6	58.7	60.8	49.6 <sup>c</sup>	53.0 <sup>c</sup>	46.3 <sup>c</sup>
1992-1994 <sup>b</sup>	60.2	56.7	64.7	59.7	56.8	63.7	57.4 <sup>c</sup>	49.3 <sup>c</sup>	64.7 <sup>c</sup>
1995-2000 <sup>b</sup>	64.8 <sup>b</sup>	64.6 <sup>b</sup>	65.2 <sup>b</sup>	66.0 <sup>b</sup>	65.4 <sup>b</sup>	66.8 <sup>b</sup>	54.3 <sup>b</sup>	56.0 <sup>c</sup>	52.0 <sup>c</sup>
ACUTE LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	74.4	73.1	76.3	76.3	74.7	78.4	59.8 <sup>c</sup>	60.7 <sup>c</sup>	58.7 <sup>c</sup>
45-54	29.6	28.9 <sup>c</sup>	31.2 <sup>c</sup>	25.0 <sup>c</sup>	24.0 <sup>c</sup>	27.1 <sup>c</sup>	-	-	-
55-64	18.7 <sup>c</sup>	21.2 <sup>c</sup>	14.5 <sup>c</sup>	19.9 <sup>c</sup>	24.0 <sup>c</sup>	14.0 <sup>c</sup>	-	-	-
65-74	8.7	7.1	10.8 <sup>c</sup>	10.8	8.5 <sup>c</sup>	14.0 <sup>c</sup>	-	-	-
75+	5.8	3.9 <sup>c</sup>	-	-	-	-	-	-	-
Under 65	69.1	68.0	70.6	70.4	69.0	72.5	56.0	56.9 <sup>c</sup>	54.9 <sup>c</sup>
65 and over	7.6	6.5	8.6	8.0	5.7	10.1	-	-	-
CHRONIC LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 <sup>a</sup>	68.2	65.6	71.7	68.6	65.7	72.4	63.1 <sup>c</sup>	64.5 <sup>c</sup>	61.3 <sup>c</sup>
1977-1979 <sup>a</sup>	70.1	68.4	72.3	71.3	69.3	73.9	51.0 <sup>c</sup>	53.8 <sup>c</sup>	47.6 <sup>c</sup>
1980-1982 <sup>a</sup>	68.4	67.8	69.4	69.3	69.2	69.4	57.5 <sup>c</sup>	50.7 <sup>c</sup>	69.2 <sup>c</sup>
1983-1985 <sup>a</sup>	73.6	72.1	75.6	74.0	72.4	76.2	68.0 <sup>c</sup>	65.9 <sup>c</sup>	67.4 <sup>c</sup>
1986-1988 <sup>a</sup>	73.4	72.3	75.1	74.4	73.5	75.7	65.1	61.9 <sup>c</sup>	69.8 <sup>c</sup>
1989-1991 <sup>a</sup>	73.5	72.5	74.8	74.7	73.6	76.1	56.9	52.2 <sup>c</sup>	62.0 <sup>c</sup>
1992-1994 <sup>a</sup>	76.0	77.1	74.5	77.5	78.9	75.6	55.8 <sup>c</sup>	53.0 <sup>c</sup>	60.2 <sup>c</sup>
1995-2000 <sup>a</sup>	72.7 <sup>b</sup>	70.6 <sup>b</sup>	75.6	73.8 <sup>b</sup>	71.6 <sup>b</sup>	76.7	58.7	54.5 <sup>c</sup>	65.2 <sup>c</sup>
CHRONIC LYMPHOCYTIC LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	81.3	82.1	79.6 <sup>c</sup>	84.7	82.8 <sup>c</sup>	90.6 <sup>c</sup>	-	-	-
45-54	83.4	82.9	84.1	85.3	84.0	87.8	69.6 <sup>c</sup>	68.9 <sup>d</sup>	-
55-64	80.9	76.2	89.9	82.2	78.6	89.2	64.6 <sup>c</sup>	47.3 <sup>d</sup>	-
65-74	75.4	71.3	81.4	76.6	72.1	82.9	57.5 <sup>c</sup>	53.1 <sup>d</sup>	63.1 <sup>d</sup>
75+	58.6	54.6	61.9	59.4	54.9	63.0	46.9 <sup>d</sup>	45.2 <sup>d</sup>	45.5 <sup>d</sup>
Under 65	81.8	79.2	87.1	83.5	81.0	88.8	64.8 <sup>c</sup>	58.3 <sup>c</sup>	74.4 <sup>d</sup>
65 and over	67.7	64.7	71.0	68.5	65.2	72.2	53.5 <sup>c</sup>	50.6 <sup>c</sup>	54.7 <sup>c</sup>

<sup>a</sup> 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 2001.

<sup>b</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>c</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>d</sup> 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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
ACUTE MYELOID LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 <sup>a</sup>	6.0	5.5	6.4	6.1	6.1	6.2	7.3	2.7	10.7
1977-1979 <sup>a</sup>	8.4	7.5	9.4	7.6	6.4	8.8	15.7	15.0 <sup>c</sup>	16.4 <sup>c</sup>
1980-1982 <sup>a</sup>	8.6	7.6	9.9	7.9	6.2	10.0	11.3	14.1 <sup>c</sup>	8.1
1983-1985 <sup>a</sup>	11.4	10.8	12.1	11.0	10.7	11.4	9.9	9.1	10.7
1986-1988 <sup>a</sup>	11.7	9.2	14.5	11.7	9.7	14.0	11.0	4.9	16.9
1989-1991 <sup>a</sup>	13.8	11.9	16.0	13.2	11.9	14.6	12.0	7.9	17.6 <sup>c</sup>
1992-1994 <sup>b</sup>	17.7	16.5	18.9	17.8	16.3	19.4	16.5	17.3 <sup>c</sup>	15.3
1995-2000 <sup>b</sup>	19.5 <sup>b</sup>	18.3 <sup>b</sup>	20.8 <sup>b</sup>	18.7 <sup>b</sup>	17.5 <sup>b</sup>	20.0 <sup>b</sup>	24.0 <sup>b</sup>	25.0 <sup>b</sup>	22.6
ACUTE MYELOID LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	44.9	43.4	46.6	44.8	43.6	46.0	43.8	42.6 <sup>c</sup>	45.2 <sup>c</sup>
45-54	26.5	26.3	26.8	27.1	25.6	29.1	22.6 <sup>c</sup>	24.1 <sup>c</sup>	-
55-64	16.9	14.1	19.9	17.6	14.8	20.7	13.3 <sup>c</sup>	-	-
65-74	5.3	3.8	7.3	5.7	3.9	8.0	3.0	4.6	-
75+	2.3	1.2	3.0	1.8	0.8	2.4	2.5	-	4.1
Under 65	32.7	31.2	34.6	32.3	30.5	34.4	34.2	34.1 <sup>c</sup>	34.2 <sup>c</sup>
65 and over	3.8	2.7	5.0	3.7	2.5	4.9	3.1	2.7	3.4
CHRONIC MYELOID LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1974-1976 <sup>a</sup>	22.6	19.7	26.5	22.2	18.7	27.0	24.9 <sup>c</sup>	28.3 <sup>c</sup>	20.2 <sup>c</sup>
1977-1979 <sup>a</sup>	23.6	22.3	25.2	23.2	22.4	24.2	25.4 <sup>c</sup>	18.4 <sup>c</sup>	33.8 <sup>c</sup>
1980-1982 <sup>a</sup>	31.1	28.3	34.2	32.2	30.4	34.0	26.7 <sup>c</sup>	18.3 <sup>c</sup>	36.8 <sup>c</sup>
1983-1985 <sup>a</sup>	24.7	22.1	28.2	25.4	22.6	29.2	23.2	20.7 <sup>c</sup>	26.1 <sup>c</sup>
1986-1988 <sup>a</sup>	29.1	29.7	28.3	28.7	29.5	27.6	37.4 <sup>c</sup>	33.4 <sup>c</sup>	42.4 <sup>c</sup>
1989-1991 <sup>a</sup>	33.0	30.6	36.1	33.2	32.4	34.3	31.5 <sup>c</sup>	19.9 <sup>c</sup>	45.8 <sup>c</sup>
1992-1994 <sup>a</sup>	36.6	36.6	36.5	36.8	37.0	36.5	39.9 <sup>c</sup>	37.4 <sup>c</sup>	44.1 <sup>c</sup>
1995-2000 <sup>a</sup>	36.7 <sup>b</sup>	36.9 <sup>b</sup>	36.5	36.8 <sup>b</sup>	36.4 <sup>b</sup>	37.6 <sup>b</sup>	33.4	33.2 <sup>c</sup>	34.0 <sup>c</sup>
CHRONIC MYELOID LEUKEMIA									
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	56.8	53.1	64.2	56.7	51.9	66.8	55.2 <sup>c</sup>	46.9 <sup>c</sup>	-
45-54	54.3	49.5 <sup>c</sup>	59.9 <sup>c</sup>	55.8	50.3 <sup>c</sup>	62.2 <sup>c</sup>	46.0 <sup>d</sup>	-	-
55-64	39.9	42.4 <sup>c</sup>	36.4 <sup>c</sup>	42.6	43.7 <sup>c</sup>	42.3 <sup>c</sup>	6.4 <sup>c</sup>	-	-
65-74	23.7	25.0	22.0	24.8	26.1	23.1	15.9 <sup>c</sup>	18.9 <sup>d</sup>	-
75+	12.6	12.7	12.6	12.3	11.1	13.5	12.8 <sup>d</sup>	-	-
Under 65	51.1	49.0	54.5	52.0	48.8	57.9	43.8 <sup>c</sup>	41.6 <sup>c</sup>	46.9 <sup>c</sup>
65 and over	18.4	19.6	16.9	18.8	19.5	17.9	15.0 <sup>c</sup>	18.6 <sup>c</sup>	11.4 <sup>c</sup>

<sup>a</sup> 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 2001.

<sup>b</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>c</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>d</sup> 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 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1974-1976 <sup>b</sup>	3.8	2.5	6.1	4.4	2.7	7.0	1.0	0.0	3.3
1977-1979 <sup>b</sup>	3.7	2.1	6.6	3.4	2.2	5.5	4.9	3.4	8.6 <sup>d</sup>
1980-1982 <sup>b</sup>	3.5	2.6	5.0	3.9	2.8	5.5	1.6	2.2	0.0
1983-1985 <sup>b</sup>	5.6	4.0	8.8	5.9	4.4	8.7	4.0	1.1	10.8 <sup>d</sup>
1986-1988 <sup>b</sup>	6.2	4.1	10.2	6.9	4.4	11.1	5.7	4.6	7.4
1989-1991 <sup>b</sup>	5.2	4.0	7.3	5.7	4.1	8.5	2.3	1.3	3.9
1992-1994 <sup>b</sup>	5.6	5.4	6.0	6.0	5.6	6.9	3.3	2.6	4.9
1995-2000 <sup>b</sup>	8.3 <sup>c</sup>	7.7 <sup>c</sup>	9.6 <sup>c</sup>	8.0 <sup>c</sup>	7.0 <sup>c</sup>	10.2 <sup>c</sup>	5.4 <sup>c</sup>	5.7	5.1
1995-2000 <sup>b</sup>									
ALL STAGES	8.3	7.7	9.6	8.0	7.0	10.2	5.4	5.7	5.1
LOCALIZED	18.4	18.5	18.3	19.3	18.2	21.9	12.3	14.5 <sup>d</sup>	7.1
REGIONAL	6.2	5.8	7.4	5.3	4.6	6.8	4.2	3.5	6.9
DISTANT	2.9	1.8	5.3	2.6	1.2	5.7	0.0	0.0	0.0
UNSTAGED	3.1	1.5	5.5	3.0	1.1	5.0	2.2	0.0	0.0

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	6,457	4,356	2,101	4,252	2,829	1,423	727	504	223
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	30	30	29	29	30	28	29	27	33
REGIONAL	25	27	23	23	23	21	30	32	24
DISTANT	22	23	21	23	24	21	25	25	25
UNSTAGED	23	21	27	26	24	30	17	17	18

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	20.6	16.4	30.0	25.4	19.1	35.4 <sup>d</sup>	13.5	10.9 <sup>d</sup>	-
45-54	9.7	8.1	15.5	10.9	8.5	19.5	3.9	-	7.8 <sup>d</sup>
55-64	8.0	7.7	8.9	8.5	8.8	7.5	6.1	6.4	-
65-74	7.3	6.9	8.0	5.3	4.1	7.6	6.1	9.4	2.5
75+	3.7	3.5	4.0	3.8	3.1	4.5	-	-	-
Under 65	11.0	9.4	15.9	12.5	10.3	18.7	6.2	5.3	9.2
65 and over	5.8	5.7	5.9	4.6	3.7	5.9	3.7	6.2	1.4

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	8	7	11	5	5	6
1970-1973 <sup>a</sup>	-	-	-	10	9	14	7	6	10
1974-1976 <sup>b</sup>	12.5	11.2	15.9	12.5	11.1	16.0	11.5	11.0	13.3
1977-1979 <sup>b</sup>	13.3	11.7	17.1	13.6	12.0	17.2	11.1	9.1	17.3
1980-1982 <sup>b</sup>	13.4	12.0	16.1	13.5	12.2	16.2	12.1	10.9	15.6
1983-1985 <sup>b</sup>	13.6	11.9	16.8	13.8	12.1	17.0	11.4	10.2	14.2
1986-1988 <sup>b</sup>	13.3	12.0	15.4	13.5	12.0	15.8	11.9	12.0	11.7
1989-1991 <sup>b</sup>	14.0	12.4	16.2	14.4	12.8	16.6	10.8	9.6	13.0
1992-1994 <sup>b</sup>	14.7	12.9	17.1	15.1	13.2	17.5	11.8	10.5	14.1
1995-2000 <sup>b</sup>	15.2 <sup>c</sup>	13.6 <sup>c</sup>	17.2 <sup>c</sup>	15.4 <sup>c</sup>	13.7 <sup>c</sup>	17.4 <sup>c</sup>	13.2 <sup>c</sup>	11.9	15.4
1995-2000 <sup>b</sup>									
ALL STAGES	15.2	13.6	17.2	15.4	13.7	17.4	13.2	11.9	15.4
LOCALIZED	49.4	45.4	53.5	49.8	45.6	53.8	44.3	41.8	47.6
REGIONAL	16.1	15.1	17.4	16.3	15.2	17.6	14.9	13.6	16.8
DISTANT	2.1	2.1	2.3	2.1	2.0	2.3	1.4	1.4	1.3
UNSTAGED	8.2	8.5	8.0	7.9	8.1	7.7	10.5	10.3	10.8
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	75,341	42,541	32,800	62,661	34,580	28,081	7,901	4,911	2,990
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	16	15	18	17	15	18	14	13	16
REGIONAL	37	38	36	37	37	36	38	37	38
DISTANT	39	40	38	39	40	38	40	42	38
UNSTAGED	8	8	9	8	8	9	8	8	8
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	22.1	19.3	25.7	24.5	22.3	27.0	16.1	12.9	21.3
45-54	19.0	15.8	23.2	19.4	15.5	24.2	16.1	15.3	17.6
55-64	17.2	15.1	20.2	17.7	15.6	20.3	13.4	11.3	17.2
65-74	15.3	13.8	17.2	15.5	13.8	17.6	12.4	11.7	13.6
75+	10.0	9.2	10.8	10.0	9.1	10.9	10.1	9.3	11.2
Under 65	18.2	15.7	21.5	18.7	16.1	22.0	14.6	12.8	17.9
65 and over	13.3	12.1	14.6	13.4	12.1	14.8	11.6	10.9	12.7

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 2001.

c

The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p&lt;.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 <sup>a</sup>	3.6	3.0	5.0	3.6	2.9	5.0	3.4	3.6	3.1
1977-1979 <sup>a</sup>	4.5	3.3	6.7	4.5	3.3	6.7	3.8	3.4	4.8
1980-1982 <sup>a</sup>	4.7	3.8	6.2	4.8	4.0	6.1	3.9	3.0	6.4
1983-1985 <sup>a</sup>	4.7	3.5	6.6	4.8	3.6	6.6	4.7	2.5	8.6
1986-1988 <sup>a</sup>	5.0	3.9	6.5	5.2	4.0	6.8	3.9	3.4	4.6
1989-1991 <sup>a</sup>	5.4	4.5	6.5	5.5	4.3	6.9	3.7	4.3	2.9
1992-1994 <sup>b</sup>	6.3	4.9	7.8	6.3	4.9	7.7	5.5	3.8	7.6
1995-2000 <sup>b</sup>	6.5 <sup>b</sup>	5.6 <sup>b</sup>	7.4 <sup>b</sup>	6.6 <sup>b</sup>	5.6 <sup>b</sup>	7.6 <sup>b</sup>	5.4 <sup>b</sup>	5.0 <sup>b</sup>	5.9
1995-2000 <sup>a</sup>									
ALL STAGES	6.5	5.6	7.4	6.6	5.6	7.6	5.4	5.0	5.9
LOCALIZED	21.4	19.6	23.1	21.8	20.1	23.1	15.5 <sup>c</sup>	20.2 <sup>d</sup>	-
REGIONAL	10.8	9.3	12.2	11.0	9.4	12.5	9.9	9.7	10.4
DISTANT	2.1	2.0	2.3	2.2	2.0	2.4	0.4	0.0	0.8
UNSTAGED	6.7	6.0	6.9	6.4	6.1	6.3	13.3 <sup>c</sup>	-	15.0 <sup>c</sup>
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>a</sup></u>									
ALL STAGES									
Number of cases	11,306	5,941	5,365	9,895	5,111	4,784	877	481	396
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	6	6	7	6	6	7	5	5	5
REGIONAL	34	32	36	33	31	36	36	34	37
DISTANT	55	57	52	55	58	52	54	57	52
UNSTAGED	5	5	6	5	5	6	5	4	6
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	11.6	9.2	14.7	12.5	9.2	16.3	0.0	-	-
45-54	9.8	7.0	13.5	9.7	7.2	13.1	9.0	3.8	14.9
55-64	8.4	7.1	9.9	8.8	7.5	10.3	4.0	4.3	3.8
65-74	5.4	4.8	5.9	5.3	4.4	6.1	5.7	6.3	5.4
75+	3.4	3.3	3.6	3.5	3.3	3.7	3.3	4.4	0.0
Under 65	8.9	7.2	11.1	9.2	7.5	11.3	5.7	4.4	7.5
65 and over	4.7	4.3	5.1	4.7	4.0	5.3	5.1	5.7	4.5

<sup>a</sup> 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 2001.

<sup>b</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>c</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>d</sup> 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 <sup>a</sup>	13.9	12.4	17.9	14.0	12.4	18.2	12.4	11.7	15.3
1977-1979 <sup>a</sup>	15.0	13.2	19.3	15.4	13.6	19.5	12.1	9.7	19.6
1980-1982 <sup>a</sup>	15.1	13.6	18.4	15.4	13.8	18.7	13.2	11.9	17.0
1983-1985 <sup>a</sup>	15.5	13.5	19.2	15.9	13.8	19.6	12.3	11.2	15.2
1986-1988 <sup>a</sup>	15.1	13.6	17.7	15.4	13.7	18.2	13.1	13.1	13.1
1989-1991 <sup>a</sup>	15.8	13.9	18.6	16.3	14.5	19.1	11.8	10.3	14.8
1992-1994 <sup>b</sup>	16.3	14.3	19.1	16.9	14.7	19.7	12.7	11.3	15.2
1995-2000 <sup>b</sup>	16.9 <sup>b</sup>	15.0 <sup>b</sup>	19.2 <sup>b</sup>	17.2 <sup>b</sup>	15.2 <sup>b</sup>	19.5 <sup>b</sup>	14.2 <sup>b</sup>	12.6	16.9
1995-2000 <sup>a</sup>									
ALL STAGES	16.9	15.0	19.2	17.2	15.2	19.5	14.2	12.6	16.9
LOCALIZED	51.3	47.1	55.6	51.7	47.3	55.9	45.4	42.7	49.1
REGIONAL	17.0	15.9	18.4	17.2	16.1	18.7	15.5	13.9	17.8
DISTANT	2.2	2.1	2.3	2.1	1.9	2.3	1.6	1.6	1.5
UNSTAGED	8.4	8.7	8.1	8.1	8.3	7.9	10.2	10.2	10.0
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>a</sup></u>									
ALL STAGES									
Number of cases	64,035	36,600	27,435	52,766	29,469	23,297	7,024	4,430	2,594
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	18	16	20	18	17	21	15	14	18
REGIONAL	37	38	36	37	38	35	38	38	38
DISTANT	36	37	35	36	37	35	39	40	36
UNSTAGED	9	8	9	9	9	9	8	8	8
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>a</sup></u>									
AGE AT DIAGNOSIS:									
<45	23.4	20.5	27.0	26.3	24.2	28.6	16.7	13.4	22.1
45-54	20.7	17.5	25.0	21.4	17.3	26.3	16.9	16.3	18.2
55-64	19.2	16.8	22.7	19.8	17.4	23.0	14.7	12.2	19.4
65-74	17.3	15.3	19.8	17.6	15.5	20.3	13.4	12.3	15.3
75+	11.0	10.1	11.9	11.0	10.0	12.1	10.9	9.7	12.3
Under 65	20.0	17.3	23.8	20.8	17.9	24.5	15.7	13.6	19.4
65 and over	14.8	13.4	16.5	15.0	13.5	16.8	12.5	11.5	14.2

<sup>a</sup> 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 2001.

<sup>b</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>c</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>d</sup> 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

	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 <sup>a</sup>	-	-	-	60	51	68	-	-	-
1970-1973 <sup>a</sup>	-	-	-	68	62	75	-	-	-
1974-1976 <sup>b</sup>	80.2	75.2	85.1	80.5	75.7	85.1	66.6 <sup>d</sup>	-	-
1977-1979 <sup>b</sup>	82.2	77.9	86.3	82.5	78.2	86.7	50.4 <sup>e</sup>	-	-
1980-1982 <sup>b</sup>	83.1	77.9	88.3	83.3	78.2	88.3	58.3 <sup>e</sup>	-	-
1983-1985 <sup>b</sup>	84.9	80.6	89.4	85.0	80.7	89.6	74.5 <sup>e</sup>	-	70.1 <sup>e</sup>
1986-1988 <sup>b</sup>	87.9	84.5	91.4	88.1	84.9	91.5	69.1 <sup>d</sup>	-	-
1989-1991 <sup>b</sup>	88.9	86.3	91.8	89.0	86.6	91.8	78.8 <sup>d</sup>	62.4 <sup>e</sup>	94.0 <sup>e</sup>
1992-1994 <sup>b</sup>	89.0	87.0	91.4	89.2	87.2	91.6	59.6 <sup>e</sup>	-	-
1995-2000 <sup>b</sup>	90.5 <sup>c</sup>	89.0 <sup>c</sup>	92.2 <sup>c</sup>	90.7 <sup>c</sup>	89.1 <sup>c</sup>	92.4 <sup>c</sup>	74.0 <sup>d</sup>	72.2 <sup>d</sup>	75.7 <sup>d</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	90.5	89.0	92.2	90.7	89.1	92.4	74.0 <sup>d</sup>	72.2 <sup>d</sup>	75.7 <sup>d</sup>
LOCALIZED	97.6	98.0	97.3	97.6	97.9	97.3	90.6 <sup>d</sup>	90.8 <sup>e</sup>	90.4 <sup>d</sup>
REGIONAL	60.3	55.3	67.3	60.5	55.2	68.1	34.0 <sup>e</sup>	-	-
DISTANT	16.2	15.3	18.0	15.9	15.2	17.7	-	-	-
UNSTAGED	80.0	78.0	82.2	80.0	78.0	82.3	-	-	-
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	21,045	11,499	9,546	20,700	11,323	9,377	123	66	57
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	83	81	85	83	81	85	61	59	63
REGIONAL	11	12	9	10	12	9	21	21	21
DISTANT	3	4	3	3	4	2	13	15	11
UNSTAGED	4	4	3	4	4	3	5	5	5
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	92.6	88.7	95.5	92.7	88.7	95.6	83.1 <sup>d</sup>	-	-
45-54	90.5	87.5	94.6	90.5	87.4	94.6	-	-	-
55-64	90.3	88.8	92.8	90.4	88.9	92.9	78.5 <sup>e</sup>	-	-
65-74	90.7	91.1	89.9	91.1	91.2	90.8	-	-	-
75+	85.8	88.4	79.7	86.2	88.9	80.2	-	-	-
Under 65	91.4	88.3	94.7	91.5	88.3	94.8	84.1 <sup>d</sup>	81.8 <sup>d</sup>	85.7 <sup>d</sup>
65 and over	88.9	91.2	85.6	89.4	91.4	86.3	50.3 <sup>e</sup>	53.1 <sup>e</sup>	-

<sup>a</sup>

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

<sup>b</sup>

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 2001.

<sup>c</sup>

The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>d</sup>

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

<sup>e</sup>

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

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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 <sup>a</sup>	-	-	-	12	13	10	-	-	-
1970-1973 <sup>a</sup>	-	-	-	19	20	17	-	-	-
1974-1976 <sup>b</sup>	24.5	23.9	25.1	24.1	23.3	25.0	27.7	28.2	27.3
1977-1979 <sup>b</sup>	26.4	25.9	26.8	24.8	25.2	24.3	34.4	30.0	38.8
1980-1982 <sup>b</sup>	28.1	25.9	30.3	27.9	26.3	29.4	29.7	27.3	32.2
1983-1985 <sup>b</sup>	28.1	28.2	28.0	27.4	27.2	27.5	31.2	33.9	28.2
1986-1988 <sup>b</sup>	29.4	30.7	28.2	29.3	31.0	27.5	31.6	29.6	33.2
1989-1991 <sup>b</sup>	30.0	31.2	28.7	29.2	30.0	28.3	34.0	38.2	30.1
1992-1994 <sup>b</sup>	30.4	30.8	30.0	29.5	30.2	28.7	34.0	34.2	33.8
1995-2000 <sup>b</sup>	32.1 <sup>c</sup>	35.6 <sup>c</sup>	28.4 <sup>c</sup>	31.9 <sup>c</sup>	35.2 <sup>c</sup>	28.3 <sup>c</sup>	32.1	35.2 <sup>c</sup>	29.6
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	46.0	46.6 <sup>d</sup>	44.9 <sup>d</sup>	50.9	52.0 <sup>d</sup>	48.1 <sup>d</sup>	29.7 <sup>d</sup>	25.8 <sup>d</sup>	33.8 <sup>e</sup>
45-54	48.1	50.8	44.6	49.0	51.1	46.4	40.1 <sup>d</sup>	43.9 <sup>d</sup>	36.5 <sup>d</sup>
55-64	36.6	38.4	34.2	38.1	40.8	34.3	32.8	30.0 <sup>d</sup>	35.4 <sup>d</sup>
65-74	31.5	34.9	27.7	31.1	32.7	29.1	35.4	48.5 <sup>d</sup>	25.9
75+	19.3	20.6	18.5	19.2	20.5	18.2	21.0	18.3 <sup>d</sup>	22.4 <sup>d</sup>
Under 65	41.7	43.7	39.0	43.4	45.6	40.0	34.9	34.1	35.6
65 and over	25.6	29.0	22.7	25.2	27.7	23.0	29.2	36.6 <sup>d</sup>	24.3

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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

	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 <sup>a</sup>	-	-	-	31	31	31	-	-	-
1970-1973 <sup>a</sup>	-	-	-	41	39	43	-	-	-
1974-1976 <sup>b</sup>	47.3	47.2	47.4	47.8	48.2	47.5	48.6	44.3 <sup>d</sup>	54.1 <sup>d</sup>
1977-1979 <sup>b</sup>	48.5	45.9	51.2	48.7	46.5	50.9	51.6	45.0	60.2 <sup>d</sup>
1980-1982 <sup>b</sup>	51.4	50.2	52.6	51.9	51.0	52.9	50.5	47.8	53.7
1983-1985 <sup>b</sup>	54.0	52.8	55.2	54.5	53.5	55.5	45.1	43.6	46.9
1986-1988 <sup>b</sup>	52.3	49.4	55.8	52.8	50.1	56.2	50.4	47.0	54.8
1989-1991 <sup>b</sup>	51.3	47.1	56.6	52.1	47.8	57.4	43.7	38.3	51.2
1992-1994 <sup>b</sup>	53.3	48.6	59.4	54.4	49.9	60.0	42.3	36.8	52.4
1995-2000 <sup>b</sup>	59.1 <sup>c</sup>	57.0 <sup>c</sup>	61.7 <sup>c</sup>	60.3 <sup>c</sup>	58.4 <sup>c</sup>	62.6 <sup>c</sup>	50.5	46.3	56.7
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	63.3	58.8	72.9	65.4	60.6	75.8	50.2	46.0	58.7
45-54	68.7	63.5	76.9	70.3	64.9	78.6	59.5	55.6	65.7
55-64	64.6	60.9	69.1	65.7	62.6	69.5	53.7	42.6 <sup>d</sup>	67.1 <sup>d</sup>
65-74	57.8	55.6	60.1	59.2	56.7	61.6	43.8	38.2 <sup>d</sup>	50.0 <sup>d</sup>
75+	43.9	44.4	43.7	45.1	45.7	44.7	33.7 <sup>d</sup>	41.0 <sup>d</sup>	28.8 <sup>d</sup>
Under 65	65.3	60.8	72.6	66.9	62.5	74.0	53.6	48.2	62.8
65 and over	51.5	51.1	52.0	52.7	52.2	53.2	39.9	39.0 <sup>d</sup>	41.4

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant ( $p < .05$ ).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	45	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	43	-	-	-	-	-
1974-1976 <sup>b</sup>	53.5	52.5	55.6	55.1	54.7	56.0	36.3	31.6	45.4
1977-1979 <sup>b</sup>	52.9	51.7	55.6	54.8	54.2	56.2	36.8	30.9	49.2
1980-1982 <sup>b</sup>	53.0	51.4	56.2	55.7	54.6	57.8	31.1	26.5	42.5
1983-1985 <sup>b</sup>	53.4	51.8	56.6	55.4	54.5	57.2	35.2	29.9	47.7
1986-1988 <sup>b</sup>	53.1	49.6	61.0	55.4	52.3	62.2	34.8	29.6	48.6
1989-1991 <sup>b</sup>	53.3	49.5	61.5	55.6	52.2	62.6	33.3	28.9	44.8
1992-1994 <sup>b</sup>	55.9	53.5	61.0	58.4	56.8	61.9	35.0	29.6	50.4
1995-2000 <sup>b</sup>	58.7 <sup>c</sup>	57.4 <sup>c</sup>	61.5 <sup>c</sup>	60.9 <sup>c</sup>	60.4 <sup>c</sup>	62.0 <sup>c</sup>	39.0	33.7	52.1
1995-2000 <sup>b</sup>									
ALL STAGES	58.7	57.4	61.5	60.9	60.4	62.0	39.0	33.7	52.1
LOCALIZED	81.0	81.3	80.6	81.6	82.5	80.1	69.9	59.1 <sup>d</sup>	85.0 <sup>d</sup>
REGIONAL	50.7	50.3	51.7	52.3	52.2	52.5	33.8	31.7	39.0
DISTANT	29.5	27.3	34.5	30.3	28.1	34.2	25.1	22.0	33.7 <sup>d</sup>
UNSTAGED	46.5	46.4	46.5	48.7	50.9	43.5	28.0 <sup>d</sup>	23.3 <sup>d</sup>	-
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	13,249	9,037	4,212	10,729	7,273	3,456	1,402	1,027	375
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	34	32	40	37	35	42	20	16	29
REGIONAL	50	52	45	48	50	43	58	60	52
DISTANT	10	10	9	9	9	8	15	16	14
UNSTAGED	7	7	6	7	7	7	8	8	5
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	74.2	69.2	83.8	77.9	73.9	85.9	53.6	44.6	70.9 <sup>d</sup>
45-54	62.6	60.6	68.8	67.3	65.8	72.2	36.8	33.5	48.3 <sup>d</sup>
55-64	57.2	55.6	61.4	59.8	58.1	64.0	36.6	32.8	47.1 <sup>d</sup>
65-74	54.6	54.3	55.3	56.9	56.9	56.8	32.1	29.4	36.7 <sup>d</sup>
75+	47.0	48.3	45.7	47.4	49.8	44.9	36.0 <sup>d</sup>	18.4 <sup>d</sup>	50.6 <sup>e</sup>
Under 65	63.1	60.3	70.1	66.4	64.1	72.2	40.9	35.7	55.6
65 and over	51.9	52.5	51.2	53.4	54.6	51.5	33.3	27.4	42.3 <sup>d</sup>

<sup>a</sup>

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

<sup>b</sup>

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 2001.

<sup>c</sup>

The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>d</sup>

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

<sup>e</sup>

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

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Statistic could not be calculated.



Table XX-4  
OVARY CANCER (Invasive)

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

	All Races, Females			White Females			Black Females		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 <sup>a</sup>	-	-	-	32	-	-	32	-	-
1970-1973 <sup>a</sup>	-	-	-	36	-	-	32	-	-
1974-1976 <sup>b</sup>	37.0	43.1	23.8	36.6	42.8	23.5	41.2	44.9	33.2 <sup>d</sup>
1977-1979 <sup>b</sup>	38.5	46.7	22.4	37.9	46.0	22.8	39.8	49.1	10.1
1980-1982 <sup>b</sup>	39.1	48.3	23.5	38.7	48.2	23.4	39.3	47.1	22.8 <sup>d</sup>
1983-1985 <sup>b</sup>	41.0	50.7	25.9	40.3	50.0	25.8	41.5	52.3	20.7
1986-1988 <sup>b</sup>	39.7	51.1	23.8	39.4	51.0	24.0	36.6	47.4	19.8
1989-1991 <sup>b</sup>	40.9	53.4	25.2	41.2	54.1	25.5	30.7	42.8	16.5
1992-1994 <sup>b</sup>	43.0	55.3	27.4	42.1	55.0	26.8	46.2	56.5	28.4
1995-2000 <sup>b</sup>	44.0 <sup>c</sup>	55.7	28.8	44.0 <sup>c</sup>	56.1	28.9	37.9	49.7 <sup>c</sup>	20.8 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	44.0	55.7	28.8	44.0	56.1	28.9	37.9	49.7	20.8
LOCALIZED	93.5	93.2	93.8	93.4	93.4	93.0	92.3 <sup>d</sup>	89.7 <sup>d</sup>	-
REGIONAL	68.8	73.8	59.1	68.3	73.6	58.7 <sup>d</sup>	65.1 <sup>d</sup>	71.3 <sup>d</sup>	-
DISTANT	28.5	37.1	19.6	29.0	38.0	20.1	20.6	27.7	12.7
UNSTAGED	23.5	41.9	13.2	22.7	40.9	13.0	28.1 <sup>d</sup>	-	15.9 <sup>d</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	9,645	5,043	4,602	8,316	4,216	4,100	640	348	292
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	19	27	10	18	27	10	16	24	7
REGIONAL	7	8	5	7	8	5	8	9	6
DISTANT	68	61	75	68	62	76	67	61	74
UNSTAGED	7	4	10	7	4	10	9	6	13

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	72.3	-	-	73.1	-	-	71.4 <sup>d</sup>	-	-
45-54	52.9	-	-	54.1	-	-	37.5 <sup>d</sup>	-	-
55-64	46.4	-	-	46.8	-	-	39.9 <sup>d</sup>	-	-
65-74	35.7	-	-	35.7	-	-	24.0	-	-
75+	20.3	-	-	20.8	-	-	15.1 <sup>d</sup>	-	-
Under 65	55.7	-	-	56.1	-	-	49.7	-	-
65 and over	28.8	-	-	28.9	-	-	20.8	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	1	1	2	1	0	3
1970-1973 <sup>a</sup>	-	-	-	2	2	2	2	0	3
1974-1976 <sup>b</sup>	2.6	3.0	2.2	2.6	3.1	2.1	2.8	2.4	3.1
1977-1979 <sup>b</sup>	2.4	2.2	2.6	2.3	2.1	2.4	3.8	2.8	4.8
1980-1982 <sup>b</sup>	3.0	2.5	3.4	2.8	2.5	3.0	4.5	3.2	5.8
1983-1985 <sup>b</sup>	3.3	2.8	3.7	2.9	2.6	3.2	5.0	4.4	5.5
1986-1988 <sup>b</sup>	3.6	3.4	3.8	3.2	3.0	3.4	6.0	6.1	6.0
1989-1991 <sup>b</sup>	4.0	3.6	4.4	4.1	3.9	4.4	3.9	3.1	4.6
1992-1994 <sup>b</sup>	4.6	4.3	4.8	4.7	4.2	5.1	3.7	4.4	3.1
1995-2000 <sup>b</sup>	4.4 <sup>c</sup>	4.2 <sup>c</sup>	4.6 <sup>c</sup>	4.2 <sup>c</sup>	4.3 <sup>c</sup>	4.2 <sup>c</sup>	3.8 <sup>c</sup>	2.7	4.8
1995-2000 <sup>b</sup>									
ALL STAGES	4.4	4.2	4.6	4.2	4.3	4.2	3.8	2.7	4.8
LOCALIZED	15.2	13.5	16.7	13.9	13.4	14.3	16.4	9.2 <sup>d</sup>	20.5 <sup>d</sup>
REGIONAL	6.8	6.6	6.9	6.9	7.2	6.6	4.6	3.0	6.3
DISTANT	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.6	1.5
UNSTAGED	3.8	4.2	3.5	3.4	4.3	2.8	4.3	2.9	5.2

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	13,212	6,400	6,812	10,651	5,175	5,476	1,540	715	825
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	8	7	8	7	7	8	8	7	9
REGIONAL	26	26	26	26	25	26	24	25	23
DISTANT	52	54	49	51	55	48	54	57	51
UNSTAGED	15	13	17	16	13	18	14	11	16

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	15.5	13.0	19.0	15.6	13.0	19.6	12.9	10.9 <sup>d</sup>	16.0 <sup>d</sup>
45-54	7.6	5.9	10.7	7.8	6.5	10.1	5.0	1.3	11.2
55-64	4.1	4.0	4.3	4.1	4.1	4.0	3.1	3.0	3.2
65-74	3.5	3.1	3.8	3.3	3.3	3.4	3.5	1.9	4.5
75+	2.8	2.7	2.7	2.6	2.6	2.5	1.6	-	2.4
Under 65	6.4	5.5	7.8	6.4	5.8	7.4	5.0	3.7	7.3
65 and over	3.1	3.0	3.2	3.0	3.0	2.9	2.7	1.2	3.4

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.  
<sup>b</sup> 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 2001.  
<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).  
<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.  
<sup>e</sup> 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 <sup>a</sup>	-	-	-	50	-	-	35	-	-
1970-1973 <sup>a</sup>	-	-	-	63	-	-	55	-	-
1974-1976 <sup>b</sup>	67.1	71.5	65.5	68.1	73.0	66.4	58.4	60.7	57.0
1977-1979 <sup>b</sup>	71.1	75.8	69.4	72.2	77.5	70.3	62.6	64.4	61.7
1980-1982 <sup>b</sup>	73.4	76.4	72.3	74.5	78.0	73.3	64.8	66.7	63.8
1983-1985 <sup>b</sup>	74.8	75.7	74.5	76.2	77.5	75.8	63.9	64.6	63.5
1986-1988 <sup>b</sup>	81.2	81.3	81.2	82.7	83.1	82.6	69.3	69.8	69.1
1989-1991 <sup>b</sup>	90.7	90.2	90.8	92.0	91.3	92.2	80.8	82.3	80.2
1992-1994 <sup>b</sup>	97.3	96.3	97.7	98.1	97.0	98.6	92.4	93.4	91.9
1995-2000 <sup>b</sup>	99.3 <sup>c</sup>	99.1	99.7	100.0 <sup>c</sup>	99.5	100.0	96.0 <sup>c</sup>	98.1	95.1 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	99.3	99.1	99.7	100.0	99.5	100.0	96.0	98.1	95.1
LOCAL/REGIONAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DISTANT	33.5	30.5	34.6	32.7	30.3	33.6	29.0	31.1	28.0
UNSTAGED	81.4	89.3	79.4	82.8	91.3	80.9	75.5	82.6	72.4
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	96,225	31,566	64,659	79,055	25,380	53,675	12,044	5,094	6,950
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCAL/REGIONAL	90	94	88	91	95	89	88	92	85
DISTANT	5	3	6	5	3	6	7	5	8
UNSTAGED	5	3	6	5	2	5	5	3	7
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	91.7	-	-	91.3	-	-	95.4	-	-
45-54	97.2	-	-	97.5	-	-	96.8	-	-
55-64	99.7	-	-	100.0	-	-	98.4	-	-
65-74	100.0	-	-	100.0	-	-	98.1	-	-
75+	94.8	-	-	96.0	-	-	87.5	-	-
Under 65	99.1	-	-	99.5	-	-	98.1	-	-
65 and over	99.7	-	-	100.0	-	-	95.1	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	11	10	13	8	5	14
1970-1973 <sup>a</sup>	-	-	-	13	12	14	13	15	10
1974-1976 <sup>b</sup>	15.3	14.1	17.3	14.6	13.4	16.6	16.3	15.5	17.6
1977-1979 <sup>b</sup>	16.4	15.0	18.6	15.7	14.1	18.2	15.0	14.9	15.2
1980-1982 <sup>b</sup>	17.7	16.6	19.6	16.5	15.6	18.0	19.1	18.2	21.2
1983-1985 <sup>b</sup>	17.4	15.9	19.8	16.3	14.6	19.0	18.9	18.4	19.6
1986-1988 <sup>b</sup>	20.2	17.2	25.2	19.2	16.2	24.3	19.3	15.3	25.7
1989-1991 <sup>b</sup>	21.1	17.6	26.8	18.4	15.1	24.0	24.8	22.3	28.8
1992-1994 <sup>b</sup>	21.8	20.5	24.0	21.0	19.7	23.3	18.9	17.9	20.6
1995-2000 <sup>b</sup>	23.3 <sup>c</sup>	22.1 <sup>c</sup>	25.4 <sup>c</sup>	21.5 <sup>c</sup>	19.9 <sup>c</sup>	24.0 <sup>c</sup>	24.2 <sup>c</sup>	21.4	27.5
1995-2000 <sup>b</sup>									
ALL STAGES	23.3	22.1	25.4	21.5	19.9	24.0	24.2	21.4	27.5
LOCALIZED	58.4	56.4	61.4	54.2	50.7	59.2	63.1	57.0 <sup>d</sup>	67.0 <sup>d</sup>
REGIONAL	22.5	21.5	24.0	20.9	20.1	22.4	22.6	23.0	21.4
DISTANT	3.1	3.0	3.0	2.7	2.6	3.0	2.6	2.2	3.4
UNSTAGED	12.5	13.0	11.7	11.1	11.8	10.1	19.1	16.5 <sup>d</sup>	20.1 <sup>d</sup>
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	10,067	6,193	3,874	7,074	4,444	2,630	1,296	751	545
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	24	23	26	24	23	26	22	21	24
REGIONAL	32	33	30	31	32	28	31	32	29
DISTANT	32	34	29	32	34	29	34	37	29
UNSTAGED	12	10	16	13	11	17	13	10	17
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	28.0	25.6	31.7	29.8	25.6	36.6	32.1	28.9 <sup>d</sup>	36.9 <sup>d</sup>
45-54	25.4	22.1	32.9	23.3	20.0	32.0	25.3	20.3	33.7 <sup>d</sup>
55-64	23.6	22.5	26.2	21.3	19.8	24.7	23.9	22.8	26.2 <sup>d</sup>
65-74	25.5	24.2	28.0	22.6	21.9	24.3	26.8	23.9	31.2 <sup>d</sup>
75+	19.4	18.3	20.6	18.2	16.4	20.1	16.8	11.3	19.7
Under 65	25.0	22.9	29.4	23.4	20.9	29.4	26.4	23.4	31.9
65 and over	22.3	21.5	23.5	20.3	19.4	21.7	21.8	18.7	24.3

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.  
<sup>b</sup> 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 2001.  
<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).  
<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.  
<sup>e</sup> 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 <sup>a</sup>	-	-	-	63	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	72	-	-	-	-	-
1974-1976 <sup>b</sup>	78.7	78.1	82.9	78.8	78.2	83.3	75.9 <sup>d</sup>	-	-
1977-1979 <sup>b</sup>	87.5	88.6	77.1	87.9	89.0	78.1	66.2 <sup>e</sup>	-	-
1980-1982 <sup>b</sup>	91.9	91.9	91.8	92.1	92.0	92.7	89.7 <sup>d</sup>	89.2 <sup>d</sup>	-
1983-1985 <sup>b</sup>	91.0	91.8	82.3	91.3	92.3	80.7	87.9 <sup>d</sup>	84.3 <sup>d</sup>	-
1986-1988 <sup>b</sup>	95.2	95.3	93.5	95.7	95.7	94.4	-	-	-
1989-1991 <sup>b</sup>	95.4	95.5	93.8	95.9	95.8	94.8	89.8 <sup>d</sup>	93.6 <sup>d</sup>	-
1992-1994 <sup>b</sup>	95.4	95.7	90.4	95.6	95.9	90.1	85.2 <sup>d</sup>	84.5 <sup>d</sup>	-
1995-2000 <sup>b</sup>	95.9 <sup>c</sup>	96.4 <sup>c</sup>	88.3	96.2 <sup>c</sup>	96.7 <sup>c</sup>	89.4	87.3	90.4	-
1995-2000 <sup>b</sup>									
ALL STAGES	95.9	96.4	88.3	96.2	96.7	89.4	87.3	90.4	-
LOCALIZED	99.4	99.4	97.0	99.4	99.4	97.6	96.5 <sup>d</sup>	99.6	-
REGIONAL	95.9	96.4	89.9 <sup>d</sup>	96.1	96.5	90.6 <sup>d</sup>	-	-	-
DISTANT	71.8	75.1	38.7 <sup>d</sup>	73.1	76.6	39.5 <sup>d</sup>	-	-	-
UNSTAGED	89.1	91.6	-	90.2	93.0	-	-	-	-
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	4,148	3,827	321	3,822	3,521	301	121	113	8
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	70	71	67	71	71	68	63	65	38
REGIONAL	18	18	17	18	18	17	20	20	13
DISTANT	10	10	13	10	10	13	16	13	50
UNSTAGED	1	1	2	1	1	2	2	2	-
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	96.5	-	-	96.7	-	-	91.7	-	-
45-54	94.5	-	-	95.3	-	-	-	-	-
55-64	87.2	-	-	87.9	-	-	-	-	-
65-74	74.2 <sup>d</sup>	-	-	75.9 <sup>d</sup>	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
Under 65	96.1	-	-	96.4	-	-	87.9	-	-
65 and over	73.9 <sup>d</sup>	-	-	77.6 <sup>d</sup>	-	-	-	-	-

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 <sup>a</sup>	-	-	-	83	75	87	-	-	-
1970-1973 <sup>a</sup>	-	-	-	86	82	87	-	-	-
1974-1976 <sup>b</sup>	92.2	90.6	92.7	92.2	90.8	92.6	87.9	76.8 <sup>e</sup>	90.8
1977-1979 <sup>b</sup>	92.5	89.8	93.4	92.3	90.4	92.9	91.8	67.2 <sup>e</sup>	96.7
1980-1982 <sup>b</sup>	94.4	91.9	95.2	93.9	91.2	94.8	94.4	93.6 <sup>d</sup>	94.0
1983-1985 <sup>b</sup>	93.5	90.0	94.7	93.4	89.2	94.5	91.6	92.5 <sup>d</sup>	90.8
1986-1988 <sup>b</sup>	95.4	93.7	95.9	95.2	93.6	95.7	92.9	89.3 <sup>d</sup>	93.2
1989-1991 <sup>b</sup>	95.3	91.1	96.4	95.4	92.0	96.4	88.1	84.7 <sup>d</sup>	89.0
1992-1994 <sup>b</sup>	95.2	92.5	96.1	95.4	92.7	96.5	92.4	90.6 <sup>d</sup>	92.4
1995-2000 <sup>b</sup>	96.5 <sup>c</sup>	93.4	97.3 <sup>c</sup>	96.8 <sup>c</sup>	93.8	97.6 <sup>c</sup>	95.3	89.1 <sup>d</sup>	95.8
1995-2000 <sup>b</sup>									
ALL STAGES	96.5	93.4	97.3	96.8	93.8	97.6	95.3	89.1 <sup>d</sup>	95.8
LOCALIZED	99.6	99.2	99.6	99.8	99.8	99.8	97.3	95.0 <sup>d</sup>	97.3
REGIONAL	96.3	93.6	97.0	96.6	94.3	97.4	96.6	-	96.8
DISTANT	61.0	59.5	62.0	61.4	58.1	63.4	55.0 <sup>e</sup>	-	-
UNSTAGED	86.6	81.2 <sup>d</sup>	87.8	87.3	77.5 <sup>d</sup>	89.7	-	-	-
<u>STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup></u>									
ALL STAGES									
Number of cases	9,436	2,276	7,160	7,850	1,971	5,879	528	89	439
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	57	46	61	57	46	61	60	54	62
REGIONAL	35	43	33	35	43	32	30	27	31
DISTANT	5	9	4	5	9	4	7	16	5
UNSTAGED	3	2	3	3	2	3	3	3	3
<u>5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	99.4	98.2	99.6	99.6	99.0	99.7	97.8	87.5 <sup>d</sup>	99.2
45-54	98.4	96.1	99.1	98.9	97.4	99.5	92.2	-	94.7
55-64	93.5	88.8	95.6	93.2	88.1	95.7	98.3	-	97.6
65-74	90.4	87.2	91.9	90.4	86.6	92.0	90.9 <sup>d</sup>	-	90.7 <sup>e</sup>
75+	68.7	61.5 <sup>d</sup>	71.3	70.6	56.8 <sup>e</sup>	75.1 <sup>d</sup>	58.1 <sup>e</sup>	-	55.9 <sup>e</sup>
Under 65	98.3	95.9	99.0	98.5	96.5	99.2	96.7	88.7 <sup>d</sup>	98.2
65 and over	83.7	80.9	85.0	84.5	79.5	86.4	79.9 <sup>d</sup>	-	78.6 <sup>e</sup>

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.  
<sup>b</sup> 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 2001.  
<sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).  
<sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.  
<sup>e</sup> 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 <sup>a</sup>	-	-	-	53	53	53	24	24	24
1970-1973 <sup>a</sup>	-	-	-	61	61	60	36	38	27
1974-1976 <sup>b</sup>	72.7	73.9	69.5	73.9	74.7	71.7	48.2	54.6	37.4 <sup>d</sup>
1977-1979 <sup>b</sup>	75.1	76.8	70.6	76.0	77.2	72.8	54.6	63.0	38.6 <sup>d</sup>
1980-1982 <sup>b</sup>	78.0	79.2	74.8	78.9	79.9	76.1	58.5	63.0	49.3 <sup>d</sup>
1983-1985 <sup>b</sup>	77.7	79.3	73.2	78.3	79.6	74.7	59.8	64.8	50.5 <sup>d</sup>
1986-1988 <sup>b</sup>	79.9	81.6	75.1	80.7	82.3	76.2	62.8	67.6	51.7 <sup>d</sup>
1989-1991 <sup>b</sup>	81.0	83.5	73.9	82.2	84.4	75.5	62.0	65.7	56.4
1992-1994 <sup>b</sup>	81.6	84.0	75.0	82.3	84.5	76.2	64.2	68.9	55.3
1995-2000 <sup>b</sup>	81.7 <sup>c</sup>	83.7 <sup>c</sup>	76.2 <sup>c</sup>	82.7 <sup>c</sup>	84.6 <sup>c</sup>	77.4 <sup>c</sup>	61.9 <sup>c</sup>	67.7 <sup>c</sup>	51.9 <sup>c</sup>
1995-2000 <sup>b</sup>									
ALL STAGES	81.7	83.7	76.2	82.7	84.6	77.4	61.9	67.7	51.9
LOCALIZED	94.1	95.1	91.3	94.6	95.5	91.7	82.2	85.8	74.8 <sup>d</sup>
REGIONAL	48.8	51.0	43.5	49.5	51.7	43.8	38.9	43.3 <sup>d</sup>	33.6 <sup>d</sup>
DISTANT	5.5	6.8	3.2	5.1	5.8	3.7	5.3	7.1 <sup>d</sup>	-
UNSTAGED	59.7	64.0	49.6	61.2	64.9	51.2 <sup>d</sup>	37.3 <sup>d</sup>	45.5 <sup>e</sup>	19.2 <sup>e</sup>

STAGE DISTRIBUTION (%) 1995-2000<sup>b</sup>

ALL STAGES									
Number of cases	23,885	17,734	6,151	21,928	16,398	5,530	1,025	645	380
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	74	76	71	75	76	72	58	62	51
REGIONAL	19	18	21	18	18	20	30	25	37
DISTANT	3	3	5	3	3	4	6	6	5
UNSTAGED	4	3	4	3	3	4	7	7	7

5-YR RELATIVE SURVIVAL RATES, 1995-2000<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	90.4	91.4	87.1	92.1	92.9	89.8	76.4 <sup>d</sup>	81.2 <sup>d</sup>	-
45-54	86.6	87.7	83.4	87.5	88.6	84.2	71.1 <sup>d</sup>	72.5 <sup>d</sup>	67.3 <sup>d</sup>
55-64	84.6	85.9	80.3	85.9	86.9	82.3	63.4 <sup>d</sup>	70.7 <sup>d</sup>	47.0 <sup>d</sup>
65-74	82.3	84.0	77.2	83.2	84.7	78.7	58.0	67.3 <sup>d</sup>	43.0 <sup>d</sup>
75+	75.2	77.8	69.6	76.2	79.0	70.0	55.9 <sup>d</sup>	54.3 <sup>d</sup>	57.8 <sup>d</sup>
Under 65	85.9	87.1	82.2	87.1	88.1	83.9	68.2	73.3	54.1 <sup>d</sup>
65 and over	79.4	81.8	73.4	80.3	82.7	74.3	57.1	62.0	51.0 <sup>d</sup>

- <sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.
- <sup>b</sup> 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 2001.
- <sup>c</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).
- <sup>d</sup> The standard error of the survival rate is between 5 and 10 percentage points.
- <sup>e</sup> 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 Sites<sup>i</sup> By 5-Year Age Groups  
All Races, Males and Females

Age/Site	SEER Incidence <sup>a</sup>					US Mortality <sup>b</sup>					Survival <sup>a</sup>	
	1997-2001 Num Cases	1997-2001 Rate	1975-2001 APC	1975-1986 APC	1987-2001 APC	1997-2001 Num Deaths	1997-2001 Rate	1975-2001 APC	1975-1986 APC	1987-2001 APC	1974-1976	1995-2000
<u>Ages 0-4</u>												
All Sites	1,888	20.4	0.8 <sup>c</sup>	1.4 <sup>c</sup>	0.4	2,456	2.6	-2.9 <sup>c</sup>	-2.6 <sup>c</sup>	-2.6 <sup>c</sup>	56.7	78.3 <sup>e</sup>
Soft tissue	127	1.4	0.4	1.7	0.8	129	0.1	-2.0 <sup>c</sup>	-0.1	-3.1 <sup>c</sup>	56.9 <sup>g</sup>	76.7 <sup>f</sup>
Kidney and Renal pelvis	190	2.1	0.3	-0.2	0.3	109	0.1	-3.9 <sup>c</sup>	-6.3 <sup>c</sup>	-0.2 <sup>d</sup>	74.2	89.0 <sup>f</sup>
Eye and Orbit	126	1.4	0.9	2.8	0.7	31	0.0	-3.7 <sup>c</sup>	-2.7	-5.0 <sup>c</sup>	89.7	97.1
Brain and Other nervous	359	3.9	1.5 <sup>c</sup>	4.3 <sup>c</sup>	0.3 <sup>d</sup>	623	0.6	-1.2 <sup>c</sup>	-1.1	-1.3 <sup>c</sup>	51.4	68.0 <sup>f</sup>
Other endocrine	129	1.4	-	-	-	406	0.4	-	-	-	32.8 <sup>g</sup>	61.0 <sup>f</sup>
Leukemia	671	7.3	0.7 <sup>c</sup>	0.9	0.4	802	0.8	-3.3 <sup>c</sup>	-4.3 <sup>c</sup>	-2.5 <sup>cd</sup>	51.2	83.1 <sup>e</sup>
Acute lymphocytic	545	5.9	0.8 <sup>c</sup>	1.5 <sup>c</sup>	0.3	267	0.3	-5.0 <sup>c</sup>	-6.1 <sup>c</sup>	-3.6 <sup>cd</sup>	58.4	89.1 <sup>f</sup>
<u>Ages 5-9</u>												
All Sites	1,104	11.4	0.4	0.9	-0.1	2,525	2.5	-3.2 <sup>c</sup>	-3.5 <sup>c</sup>	-3.0 <sup>c</sup>	55.4	78.3 <sup>e</sup>
Brain and Other nervous	300	3.1	0.4	1.5	-0.7	850	0.8	-1.0 <sup>c</sup>	-0.8	-1.6 <sup>c</sup>	54.6	73.5 <sup>e</sup>
Leukemia	375	3.9	0.8 <sup>c</sup>	0.4	-0.3	742	0.7	-5.3 <sup>c</sup>	-6.0 <sup>c</sup>	-5.3 <sup>c</sup>	46.7	80.2 <sup>f</sup>
Acute lymphocytic	323	3.3	1.1 <sup>c</sup>	2.1	0.6	397	0.4	-6.1 <sup>c</sup>	-6.2 <sup>c</sup>	-5.1 <sup>c</sup>	53.8	83.5 <sup>f</sup>
<u>Ages 10-14</u>												
All Sites	1,228	12.9	0.9 <sup>c</sup>	1.5 <sup>c</sup>	0.9 <sup>c</sup>	2,552	2.5	-2.4 <sup>c</sup>	-2.5 <sup>c</sup>	-1.9 <sup>ce</sup>	55.1	79.1 <sup>e</sup>
Bone and Joint	125	1.3	0.3	3.1	-1.1 <sup>d</sup>	285	0.3	-1.7 <sup>c</sup>	-2.4 <sup>c</sup>	0.9 <sup>d</sup>	54.4 <sup>g</sup>	73.7 <sup>f</sup>
Brain and Other nervous	270	2.8	1.6 <sup>c</sup>	-1.4	0.9	674	0.7	-1.4 <sup>c</sup>	-2.2 <sup>c</sup>	-0.9	58.7	78.0 <sup>f</sup>
Hodgkin lymphoma	118	1.2	-0.7 <sup>c</sup>	-1.1	-0.7	35	0.0	-4.2 <sup>c</sup>	-3.7	-2.5	75.0 <sup>g</sup>	94.9 <sup>e</sup>
Leukemia	240	2.5	0.5	4.9 <sup>c</sup>	0.5 <sup>d</sup>	895	0.9	-3.1 <sup>c</sup>	-3.1 <sup>c</sup>	-2.9 <sup>c</sup>	28.8	67.1 <sup>f</sup>
Acute lymphocytic	156	1.6	0.7	4.9 <sup>c</sup>	-0.8 <sup>d</sup>	434	0.4	-3.5 <sup>c</sup>	-2.1 <sup>c</sup>	-3.4 <sup>c</sup>	37.2 <sup>g</sup>	74.6 <sup>f</sup>
<u>Ages 15-19</u>												
All Sites	1,855	20.0	0.5 <sup>c</sup>	1.5 <sup>c</sup>	0.0 <sup>d</sup>	3,644	3.7	-2.0 <sup>c</sup>	-2.3 <sup>c</sup>	-1.6 <sup>cd</sup>	63.9	79.6 <sup>e</sup>
Bone and Joint	139	1.5	0.4	1.5	-0.4	526	0.5	-1.5 <sup>c</sup>	-2.5 <sup>c</sup>	0.5 <sup>d</sup>	46.6 <sup>g</sup>	62.7 <sup>f</sup>
Melanoma of the skin	124	1.3	0.9	0.8	-1.0	48	0.0	-3.0 <sup>c</sup>	-4.0 <sup>c</sup>	-4.1	76.7 <sup>g</sup>	94.4 <sup>e</sup>
Testis(males)	157	3.3	1.3 <sup>c</sup>	3.7	2.0	36	0.1	-7.6 <sup>c</sup>	-10.8 <sup>c</sup>	-5.0 <sup>cd</sup>	55.3 <sup>g</sup>	91.9 <sup>e</sup>
Brain and Other nervous	172	1.9	0.3	1.0	-1.5	545	0.5	-1.2 <sup>c</sup>	-1.1	-1.3 <sup>c</sup>	58.9 <sup>g</sup>	77.1 <sup>f</sup>
Thyroid	165	1.8	1.2 <sup>c</sup>	1.6	1.4	-	-	-	-	-	100.0	99.5
Hodgkin lymphoma	291	3.1	-0.7 <sup>c</sup>	0.3	-2.0 <sup>ce</sup>	117	0.1	-4.3 <sup>c</sup>	-2.5	-5.1 <sup>c</sup>	88.4	96.1 <sup>e</sup>
Non-Hodgkin lymphoma	152	1.6	1.8 <sup>c</sup>	4.4 <sup>c</sup>	1.1	289	0.3	-2.6 <sup>c</sup>	-2.7 <sup>c</sup>	-3.0 <sup>c</sup>	40.6 <sup>g</sup>	71.8 <sup>f</sup>
Leukemia	216	2.3	0.3	1.1	0.8	1,110	1.1	-2.1 <sup>c</sup>	-2.0 <sup>c</sup>	-2.1 <sup>c</sup>	21.5	53.6 <sup>f</sup>
Acute lymphocytic	111	1.2	0.6	3.8 <sup>c</sup>	0.3 <sup>e</sup>	471	0.5	-2.0 <sup>c</sup>	-0.5	-2.3 <sup>c</sup>	21.3 <sup>g</sup>	60.1 <sup>fg</sup>

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.

<sup>a</sup> SEER 9 areas.

<sup>b</sup> NCHS public use data file for the total US.

<sup>c</sup> The APC is significantly different from zero (p<.05).

<sup>d</sup> The APC for 1987-2001 is significantly different from the APC for 1975-1986 (p<.05).

<sup>e</sup> The APC for 1987-2001 is significantly different from the APC for 1975-1986 (p<.10).

<sup>f</sup> The difference in rates between 1974-1976 and 1995-2000 is statistically significant (p<.05).

<sup>g</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>h</sup> The standard error of the survival rate is greater than 10 percentage points.

<sup>i</sup> Sites were chosen based on more than 100 SEER incident cases between 1997-2001.

- Statistic could not be calculated.



Table XXVIII-6

5-YEAR RELATIVE SURVIVAL RATES, 1985-2000<sup>a</sup>

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	76.1	74.2	78.3	72.2	76.4	75.2	75.1	77.9	75.3
I Leukemia	71.1	69.3	73.4	44.7	82.0	77.0	61.6	47.8	74.9
I(a) Lymphoid leukemia	79.4	77.8	81.6	44.1	87.9	82.1	70.8	54.5	82.1
Acute lymphoblastic leukemia (ALL)	79.4	77.8	81.7	44.2	87.9	82.2	70.7	54.5	82.1
I(b) Acute non-lymphocytic leukemia	41.8	37.2	46.4	39.6 <sup>b</sup>	43.5	49.0	38.5	39.2	42.8
II Lymphomas & reticuloendothelial neo.	85.0	83.3	87.4	-	78.0	84.5	86.1	85.6	84.3
II(a) Hodgkin lymphoma	93.0	92.6	93.4	-	-	93.5	93.6	92.6	93.8
II(b,c,e) Non-Hodgkin lymphoma	75.2	75.0	75.6	-	75.7	81.0	78.0	70.1	78.4
III CNS and misc intracranial & intraspinal neo.	68.7	69.6	67.6	51.3	64.0	68.2	74.1	76.0	67.2
III(a) Ependymoma	63.4	66.3	58.5 <sup>b</sup>	36.6 <sup>b</sup>	55.1	77.3 <sup>b</sup>	74.2 <sup>b</sup>	92.3 <sup>b</sup>	60.2
III(b) Astrocytoma	78.1	77.8	78.5	75.4 <sup>b</sup>	84.0	76.1	77.6	75.5	78.8
III(c) Primitive neuroectodermal tumors	58.5	61.5	53.8	21.1 <sup>b</sup>	48.2	72.1	66.5	73.1 <sup>b</sup>	57.1
III(d) Other gliomas	58.4	61.6	54.5	-	51.4	40.9	69.0	76.7	53.8
IV Sympathetic nervous system tumors	66.0	64.4	67.7	85.8	55.4	45.9 <sup>b</sup>	62.1 <sup>c</sup>	47.2 <sup>c</sup>	66.5
IV(a) Neuroblastoma and ganglioneuroblastoma	65.9	64.5	67.4	86.1	54.9	44.6 <sup>b</sup>	-	-	66.5
V Retinoblastoma	95.4	96.0	94.8	95.3	94.8	-	-	-	95.4
VI Renal tumors	90.1	89.1	91.0	88.9	92.5	88.5	81.7 <sup>b</sup>	77.4 <sup>b</sup>	90.6
VI(a) Wilms' tumor, rhabdoid & clear cell sarcoma	90.7	89.9	91.4	88.9	92.5	88.1	-	-	90.9
VII Hepatic tumors	50.6	49.3	52.1 <sup>b</sup>	68.1 <sup>b</sup>	54.3 <sup>b</sup>	-	-	17.5 <sup>b</sup>	55.9
VII(a) Hepatoblastoma	60.5	57.0 <sup>b</sup>	64.4 <sup>b</sup>	68.6 <sup>b</sup>	56.3 <sup>b</sup>	-	-	-	60.9
VIII Malignant bone tumors	65.4	63.1	69.0	-	-	71.3	67.8	61.6	68.3
VIII(a) Osteosarcoma	64.3	61.9	68.1	-	-	64.3 <sup>b</sup>	69.5	60.0	67.8
VIII(c) Ewing's sarcoma	61.5	57.8	67.0	-	-	76.1 <sup>b</sup>	60.5	56.0	65.4
IX Soft-tissue sarcomas	71.4	71.2	71.7	59.5 <sup>b</sup>	78.4	73.9	74.5	66.2	73.9
IX(a) Rhabdomyosarcoma & embryonal sarcoma	64.9	66.9	61.7	46.2 <sup>b</sup>	82.1	68.2	55.1 <sup>b</sup>	47.5 <sup>b</sup>	69.0
X Germ-cell, trophoblastic & other gonadal neo.	89.1	88.4	90.1	81.9	94.0	84.6 <sup>b</sup>	87.0	90.2	87.0
X(a) Intracranial & intraspinal germ-cell tumors	79.1	78.3	81.7 <sup>b</sup>	-	-	76.5 <sup>b</sup>	84.0	84.4	75.7
X(c) Gonadal germ-cell tumors	94.8	94.7	94.9	-	100.0	-	96.2	93.8	98.2
XI Carcinomas & other malignant epithelial neo.	89.8	83.3	93.0	-	-	91.5	91.3	89.8	89.8
XI(b) Thyroid carcinoma	98.8	96.5	99.2	-	-	-	97.0	99.2	97.5
XI(d) Malignant melanoma	92.5	89.9	94.3	-	-	-	88.9	93.6	89.0

<sup>a</sup> 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 2001.

<sup>b</sup> The standard error of the survival rate is between 5 and 10 percentage points.

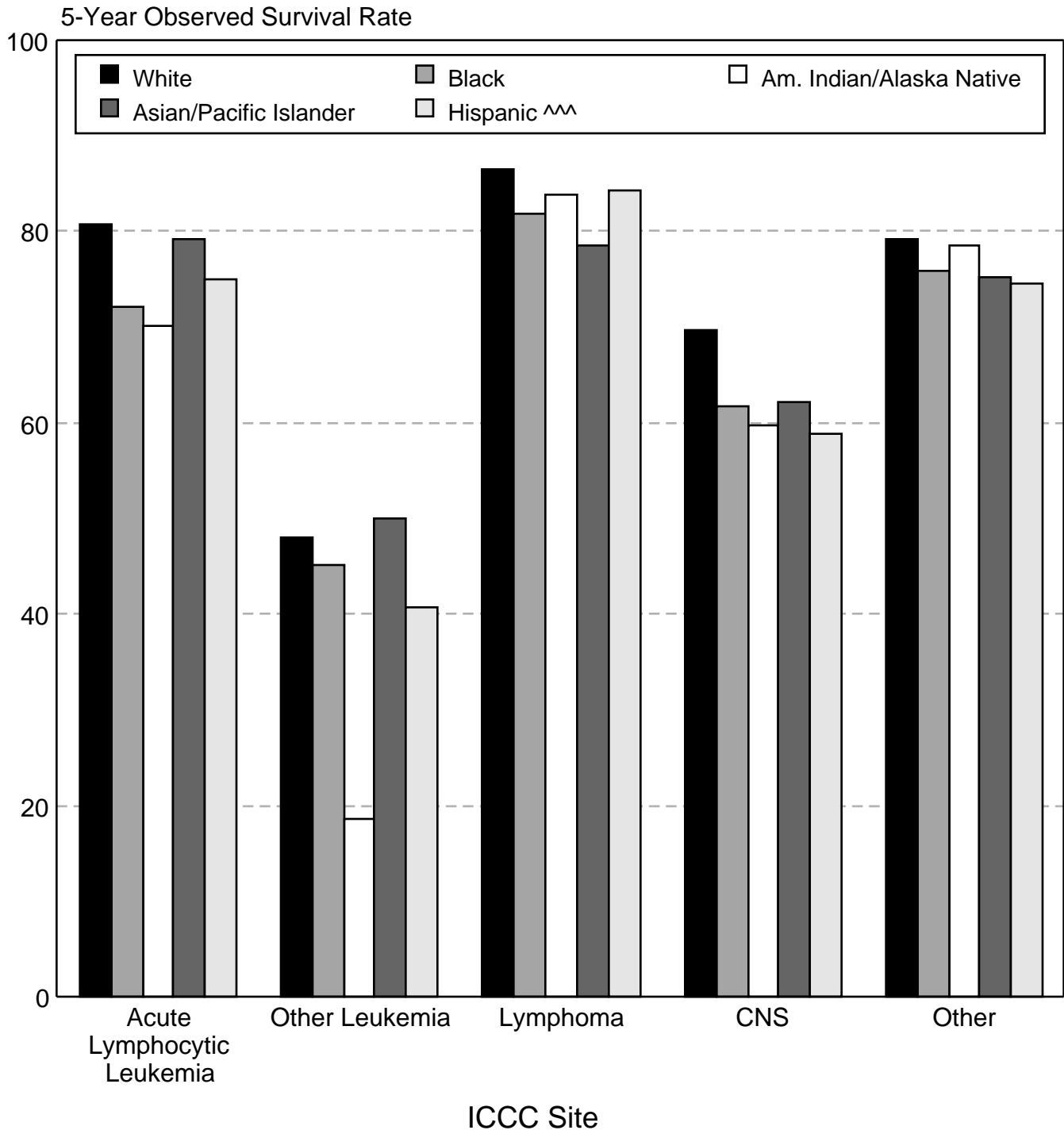
<sup>c</sup> The standard error of the survival rate is greater than 10 percentage points.

- 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.

## SEER Childhood Cancer 1990-2000 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. Hispanic rates exclude cases diagnosed in Detroit and Hawaii.