

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

| Site | Incidence ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
|---------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--------------------------------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| | All Races | 469.7 | 553.3 | 413.5 | 197.8 | 247.5 | 165.5 | 65.0 | 65.0 |
| Oral Cavity & Pharynx: | 10.5 | 15.5 | 6.4 | 2.8 | 4.2 | 1.6 | 59.4 | 58.0 | 62.3 |
| Lip | 0.9 | 1.6 | 0.4 | 0.0 | 0.0 | 0.0 | 92.4 | 93.1 | 88.3 |
| Tongue | 2.6 | 3.8 | 1.6 | 0.6 | 0.9 | 0.4 | 56.2 | 55.8 | 56.7 |
| Salivary gland | 1.2 | 1.6 | 0.9 | 0.2 | 0.4 | 0.2 | 75.4 | 69.9 | 80.4 |
| Floor of mouth | 0.8 | 1.1 | 0.5 | 0.1 | 0.1 | 0.0 | 52.9 | 50.8 | 57.1 |
| Gum & other oral cavity | 1.6 | 1.9 | 1.4 | 0.4 | 0.6 | 0.3 | 60.0 | 54.7 | 66.2 |
| Nasopharynx | 0.7 | 1.0 | 0.4 | 0.2 | 0.3 | 0.1 | 58.0 | 58.1 | 57.5 |
| Tonsil | 1.3 | 2.2 | 0.5 | 0.2 | 0.3 | 0.1 | 58.4 | 58.4 | 58.2 |
| Oropharynx | 0.3 | 0.5 | 0.2 | 0.2 | 0.3 | 0.1 | 38.9 | 37.6 | 42.2 |
| Hypopharynx | 0.8 | 1.4 | 0.3 | 0.1 | 0.2 | 0.1 | 30.5 | 31.3 | 26.4 |
| Other oral cavity & pharynx | 0.3 | 0.4 | 0.1 | 0.6 | 1.0 | 0.3 | 30.7 | 30.6 | 31.1 |
| Digestive System: | 90.9 | 111.2 | 75.2 | 47.0 | 60.3 | 37.0 | 45.1 | 43.5 | 46.9 |
| Esophagus | 4.5 | 7.7 | 2.0 | 4.4 | 7.7 | 1.8 | 14.9 | 14.8 | 15.1 |
| Stomach | 8.8 | 12.3 | 6.1 | 4.5 | 6.3 | 3.2 | 23.2 | 22.2 | 24.9 |
| Small intestine | 1.7 | 2.1 | 1.5 | 0.4 | 0.5 | 0.3 | 54.5 | 53.6 | 55.2 |
| Colon & Rectum: | 52.9 | 62.1 | 46.0 | 20.5 | 24.8 | 17.4 | 64.1 | 64.7 | 63.5 |
| Colon | 38.3 | 43.4 | 34.5 | - | - | - | 63.9 | 65.1 | 62.9 |
| Rectum | 14.6 | 18.7 | 11.5 | - | - | - | 64.7 | 64.1 | 65.4 |
| Anus, anal canal & anorectum | 1.4 | 1.3 | 1.5 | 0.2 | 0.2 | 0.2 | 67.8 | 60.8 | 72.9 |
| Liver & Intrahep: | 6.2 | 9.3 | 3.6 | 4.7 | 6.8 | 3.0 | 9.0 | 8.4 | 10.1 |
| Liver | 5.4 | 8.3 | 2.9 | 3.7 | 5.7 | 2.1 | 9.7 | 8.8 | 11.8 |
| Intrahep bile duct | 0.8 | 1.0 | 0.6 | 1.0 | 1.1 | 0.9 | 4.8 | 5.3 | 4.2 |
| Gallbladder | 1.2 | 0.8 | 1.6 | 0.7 | 0.5 | 0.9 | 15.4 | 15.5 | 15.1 |
| Other biliary | 1.6 | 1.9 | 1.3 | 0.6 | 0.7 | 0.5 | 21.0 | 23.5 | 18.1 |
| Pancreas | 11.0 | 12.5 | 9.8 | 10.5 | 12.2 | 9.2 | 4.6 | 4.5 | 4.7 |
| Retroperitoneum | 0.4 | 0.5 | 0.4 | 0.1 | 0.1 | 0.1 | 51.0 | 49.0 | 52.8 |
| Peritoneum, omentum & mesentery | 0.6 | 0.1 | 1.0 | 0.2 | 0.1 | 0.3 | 35.4 | 41.1 | 34.8 |
| Other digestive system | 0.5 | 0.6 | 0.5 | 0.3 | 0.4 | 0.3 | 9.1 | 5.3 | 12.1 |
| Respiratory System: | 65.5 | 85.4 | 51.0 | 57.4 | 79.4 | 41.7 | 19.0 | 18.8 | 19.3 |
| Nose, nasal cavity & middle ear | 0.7 | 0.8 | 0.5 | 0.2 | 0.2 | 0.1 | 54.2 | 52.1 | 56.4 |
| Larynx | 3.6 | 6.5 | 1.4 | 1.4 | 2.5 | 0.5 | 65.6 | 67.3 | 59.3 |
| Lung & bronchus | 61.0 | 77.8 | 48.9 | 55.7 | 76.3 | 40.9 | 15.3 | 13.6 | 17.5 |
| Pleura ^d | 0.0 | 0.1 | - | 0.1 | 0.2 | 0.0 | 21.3 | 20.7 | - |
| Trachea & other respiratory organs | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 44.6 | 43.7 | 45.6 |
| Bones & joints | 0.9 | 1.0 | 0.7 | 0.4 | 0.5 | 0.4 | 69.4 | 67.6 | 71.6 |
| Soft tissue (incl heart) | 2.9 | 3.5 | 2.4 | 1.3 | 1.5 | 1.2 | 67.2 | 67.5 | 66.8 |
| Skin (ex basal & squam): | 19.0 | 24.2 | 15.4 | 3.5 | 5.3 | 2.2 | 91.4 | 89.9 | 93.0 |
| Melanoma of the skin | 17.2 | 21.8 | 14.0 | 2.7 | 3.9 | 1.8 | 91.6 | 90.2 | 93.3 |
| Other non-epithelial skin | 1.8 | 2.4 | 1.4 | 0.8 | 1.4 | 0.4 | 88.7 | 87.1 | 90.4 |
| Breast | 73.3 | 1.2 | 134.4 | 15.0 | 0.3 | 26.4 | 88.2 | 84.6 | 88.2 |
| Breast (<i>in situ</i>) | 16.6 | 0.1 | 31.0 | - | - | - | 100.0 | 99.5 | 100.0 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^b NCHS public use data file for the total US.

^c SEER 9 areas.

^d Mesotheliomas of the Pleura are included in the separate group Mesothelioma for incidence but are included in the Pleura grouping for mortality.

- 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 ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Female Genital System: | 27.5 | - | 50.7 | 9.5 | - | 16.7 | 70.7 | - | 70.7 |
| Cervix uteri | 4.7 | - | 8.9 | 1.5 | - | 2.8 | 73.3 | - | 73.3 |
| Corpus uteri | 12.9 | - | 23.8 | 1.1 | - | 2.0 | 85.3 | - | 85.3 |
| Uterus, NOS | 0.3 | - | 0.5 | 1.2 | - | 2.2 | 30.6 | - | 30.6 |
| Ovary | 7.6 | - | 13.9 | 5.0 | - | 8.9 | 44.6 | - | 44.6 |
| Vagina | 0.4 | - | 0.7 | 0.1 | - | 0.2 | 44.5 | - | 44.5 |
| Vulva | 1.3 | - | 2.2 | 0.3 | - | 0.5 | 78.1 | - | 78.1 |
| Other female genital system | 0.4 | - | 0.7 | 0.1 | - | 0.2 | 61.2 | - | 61.2 |
| Male Genital System: | 79.1 | 180.2 | - | 11.5 | 30.8 | - | 99.5 | 99.5 | - |
| Prostate | 76.0 | 173.8 | - | 11.2 | 30.3 | - | 99.8 | 99.8 | - |
| Testis | 2.6 | 5.3 | - | 0.1 | 0.3 | - | 96.0 | 96.0 | - |
| Penis | 0.3 | 0.8 | - | 0.1 | 0.2 | - | 74.5 | 74.5 | - |
| Other male genital system | 0.1 | 0.3 | - | 0.0 | 0.0 | - | 75.4 | 75.4 | - |
| Urinary System: | 32.8 | 53.4 | 17.6 | 8.8 | 14.0 | 5.2 | 74.9 | 76.8 | 70.9 |
| Urinary bladder | 20.3 | 36.0 | 9.1 | 4.4 | 7.6 | 2.3 | 81.8 | 83.5 | 77.3 |
| Kidney & renal pelvis | 11.6 | 16.2 | 8.0 | 4.2 | 6.1 | 2.8 | 64.6 | 64.3 | 65.0 |
| Ureter | 0.5 | 0.8 | 0.3 | 0.1 | 0.2 | 0.1 | 53.2 | 53.9 | 51.5 |
| Other urinary system | 0.3 | 0.5 | 0.2 | 0.1 | 0.1 | 0.1 | 57.3 | 69.3 | 36.5 |
| Eye & Orbit | 0.8 | 0.9 | 0.6 | 0.1 | 0.1 | 0.1 | 81.3 | 84.7 | 77.6 |
| Brain & Nervous System: ^d | 6.4 | 7.6 | 5.3 | 4.5 | 5.6 | 3.7 | 33.3 | 32.4 | 34.4 |
| Brain | 6.0 | 7.2 | 4.9 | - | - | - | 30.4 | 29.6 | 31.4 |
| Cranial nerves & other nervous system | 0.4 | 0.4 | 0.4 | - | - | - | 75.9 | 77.7 | 73.6 |
| Endocrine System: | 8.3 | 4.8 | 11.7 | 0.8 | 0.8 | 0.8 | 93.6 | 88.3 | 95.4 |
| Thyroid | 7.6 | 4.0 | 11.1 | 0.5 | 0.4 | 0.5 | 96.6 | 93.9 | 97.4 |
| Other endocrine & thymus | 0.7 | 0.8 | 0.6 | 0.3 | 0.4 | 0.3 | 60.3 | 61.3 | 59.1 |
| Lymphoma: | 21.8 | 26.3 | 18.2 | 8.6 | 10.8 | 7.0 | 64.2 | 62.3 | 66.6 |
| Hodgkin lymphoma | 2.7 | 3.0 | 2.4 | 0.5 | 0.6 | 0.4 | 85.3 | 83.8 | 87.0 |
| Non-Hodgkin lymphoma | 19.1 | 23.2 | 15.8 | 8.1 | 10.2 | 6.6 | 60.2 | 58.2 | 62.6 |
| Myeloma | 5.5 | 6.9 | 4.5 | 3.8 | 4.7 | 3.2 | 32.4 | 36.1 | 28.4 |
| Leukemia: | 12.2 | 15.9 | 9.4 | 7.6 | 10.2 | 5.8 | 47.6 | 48.3 | 46.7 |
| Lymphocytic: | 5.6 | 7.5 | 4.0 | 2.2 | 3.1 | 1.6 | 71.4 | 71.2 | 71.7 |
| Acute lymphocytic | 1.5 | 1.7 | 1.4 | 0.5 | 0.6 | 0.4 | 64.6 | 64.1 | 65.3 |
| Chronic lymphocytic | 3.6 | 5.1 | 2.4 | 1.6 | 2.3 | 1.1 | 74.2 | 73.0 | 76.0 |
| Other lymphocytic | 0.4 | 0.7 | 0.2 | 0.1 | 0.2 | 0.1 | 78.7 | 82.5 | 68.8 |
| Myeloid & Monocytic: | 5.8 | 7.3 | 4.7 | 3.5 | 4.6 | 2.8 | 25.6 | 25.1 | 26.2 |
| Acute myeloid | 3.8 | 4.7 | 3.1 | 2.6 | 3.4 | 2.1 | 19.8 | 18.8 | 20.9 |
| Chronic myeloid | 1.6 | 2.1 | 1.2 | 0.6 | 0.8 | 0.5 | 39.0 | 38.3 | 40.1 |
| Acute monocytic | 0.3 | 0.4 | 0.2 | 0.0 | 0.1 | 0.0 | 16.7 | 17.2 | 16.5 |
| Other myeloid & monocytic | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.1 | 25.9 | 26.0 | 23.2 |
| Other: | 0.8 | 1.0 | 0.6 | 1.9 | 2.5 | 1.5 | 16.6 | 16.8 | 16.3 |
| Other acute | 0.4 | 0.5 | 0.3 | 0.9 | 1.2 | 0.7 | 7.6 | 6.4 | 8.8 |
| Aleukemic, subleuk & NOS | 0.4 | 0.5 | 0.3 | 1.0 | 1.3 | 0.8 | 28.4 | 31.1 | 25.8 |
| Kaposi Sarcoma ^e | 0.9 | 1.7 | 0.1 | - | - | - | 45.2 | 44.8 | 52.7 |
| Mesothelioma ^e | 1.0 | 1.9 | 0.4 | - | - | - | 9.0 | 6.6 | 17.2 |
| Ill-defined & unspecified | 10.5 | 11.8 | 9.5 | 15.2 | 19.1 | 12.5 | 15.2 | 18.1 | 12.7 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- ^a SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^b NCHS public use data file for the total US.
- ^c SEER 9 areas.
- ^d Due to coding changes, Brain & Nervous System mortality are no longer shown separately.
- ^e Rate not shown for mortality. Category did not exist in mortality coding until 1999.
- 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 ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| All Sites | 479.7 | 556.4 | 429.3 | 195.3 | 242.5 | 164.5 | 66.4 | 66.5 | 66.3 |
| Oral Cavity & Pharynx: | 10.5 | 15.4 | 6.4 | 2.6 | 3.9 | 1.6 | 61.8 | 61.1 | 63.1 |
| Lip | 1.1 | 1.9 | 0.4 | 0.0 | 0.1 | 0.0 | 92.8 | 93.1 | 90.2 |
| Tongue | 2.7 | 3.9 | 1.7 | 0.6 | 0.9 | 0.4 | 58.3 | 58.4 | 57.6 |
| Salivary gland | 1.2 | 1.7 | 1.0 | 0.3 | 0.4 | 0.2 | 75.0 | 69.8 | 79.4 |
| Floor of mouth | 0.8 | 1.2 | 0.5 | 0.1 | 0.1 | 0.0 | 54.8 | 54.1 | 56.2 |
| Gum & other oral cavity | 1.7 | 1.9 | 1.4 | 0.4 | 0.5 | 0.3 | 61.9 | 58.0 | 66.0 |
| Nasopharynx | 0.4 | 0.5 | 0.2 | 0.2 | 0.3 | 0.1 | 54.4 | 52.3 | 57.5 |
| Tonsil | 1.4 | 2.2 | 0.6 | 0.2 | 0.3 | 0.1 | 61.8 | 62.6 | 59.0 |
| Oropharynx | 0.3 | 0.4 | 0.2 | 0.2 | 0.3 | 0.1 | 40.5 | 38.8 | 44.8 |
| Hypopharynx | 0.8 | 1.3 | 0.3 | 0.1 | 0.2 | 0.1 | 32.7 | 33.6 | 28.4 |
| Other oral cavity & pharynx | 0.3 | 0.4 | 0.2 | 0.5 | 0.9 | 0.2 | 33.3 | 33.5 | 32.6 |
| Digestive System: | 87.7 | 107.1 | 72.6 | 45.2 | 58.0 | 35.4 | 46.6 | 45.1 | 48.3 |
| Esophagus | 4.5 | 7.8 | 1.9 | 4.2 | 7.5 | 1.7 | 16.2 | 16.1 | 16.4 |
| Stomach | 7.4 | 10.7 | 5.0 | 4.0 | 5.6 | 2.8 | 21.4 | 19.9 | 23.9 |
| Small intestine | 1.7 | 2.0 | 1.4 | 0.4 | 0.5 | 0.3 | 56.3 | 55.4 | 56.9 |
| Colon & Rectum: | 52.5 | 61.7 | 45.3 | 20.0 | 24.3 | 16.8 | 65.0 | 65.6 | 64.4 |
| Colon | 37.9 | 43.1 | 34.0 | - | - | - | 64.9 | 66.1 | 63.9 |
| Rectum | 14.6 | 18.6 | 11.4 | - | - | - | 65.1 | 64.5 | 65.9 |
| Anus, anal canal & anorectum | 1.5 | 1.3 | 1.6 | 0.2 | 0.2 | 0.2 | 69.4 | 63.0 | 73.9 |
| Liver & Intrahep: | 5.0 | 7.4 | 2.9 | 4.3 | 6.2 | 2.7 | 8.5 | 7.4 | 10.6 |
| Liver | 4.2 | 6.4 | 2.3 | 3.3 | 5.1 | 1.9 | 9.4 | 7.9 | 13.2 |
| Intrahep bile duct | 0.8 | 1.0 | 0.6 | 1.0 | 1.1 | 0.9 | 4.4 | 4.7 | 4.1 |
| Gallbladder | 1.2 | 0.8 | 1.5 | 0.7 | 0.5 | 0.8 | 14.4 | 14.9 | 14.0 |
| Other biliary | 1.5 | 1.9 | 1.3 | 0.6 | 0.7 | 0.5 | 21.0 | 24.3 | 16.9 |
| Pancreas | 10.9 | 12.5 | 9.5 | 10.3 | 12.0 | 9.0 | 4.4 | 4.7 | 4.2 |
| Retroperitoneum | 0.4 | 0.5 | 0.4 | 0.1 | 0.1 | 0.1 | 54.4 | 52.0 | 56.7 |
| Peritoneum, omentum & mesentery | 0.7 | 0.1 | 1.1 | 0.2 | 0.1 | 0.3 | 34.2 | 34.6 | 34.1 |
| Other digestive system | 0.5 | 0.6 | 0.4 | 0.3 | 0.4 | 0.2 | 10.0 | 5.6 | 13.7 |
| Respiratory System: | 66.3 | 84.2 | 53.2 | 57.4 | 78.1 | 42.6 | 19.3 | 19.2 | 19.4 |
| Nose, nasal cavity & middle ear | 0.7 | 0.8 | 0.5 | 0.2 | 0.2 | 0.1 | 57.0 | 56.0 | 57.5 |
| Larynx | 3.6 | 6.4 | 1.4 | 1.3 | 2.3 | 0.5 | 67.9 | 69.5 | 61.9 |
| Lung & bronchus | 61.7 | 76.7 | 51.1 | 55.8 | 75.2 | 41.8 | 15.5 | 13.7 | 17.7 |
| Pleura ^d | 0.0 | 0.1 | - | 0.1 | 0.2 | 0.0 | 15.9 | - | - |
| Trachea & other respiratory organs | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 47.7 | 47.4 | 45.9 |
| Bones & joints | 0.9 | 1.0 | 0.8 | 0.4 | 0.6 | 0.4 | 69.6 | 67.5 | 72.1 |
| Soft tissue (incl heart) | 2.9 | 3.6 | 2.4 | 1.3 | 1.5 | 1.2 | 68.1 | 68.7 | 67.4 |
| Skin (ex basal & squam): | 22.7 | 28.5 | 18.6 | 3.9 | 5.8 | 2.4 | 91.5 | 90.0 | 93.2 |
| Melanoma of the skin | 20.8 | 25.9 | 17.2 | 3.0 | 4.3 | 2.0 | 91.8 | 90.3 | 93.5 |
| Other non-epithelial skin | 1.9 | 2.6 | 1.5 | 0.9 | 1.5 | 0.5 | 87.6 | 86.1 | 89.3 |
| Breast | 76.3 | 1.2 | 141.1 | 14.7 | 0.3 | 25.9 | 89.5 | 88.6 | 89.5 |
| Breast (<i>in situ</i>) | 16.9 | 0.2 | 31.9 | - | - | - | 100.0 | 98.6 | 100.0 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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^b NCHS public use data file for the total US.

^c SEER 9 areas.

^d Mesotheliomas of the Pleura are included in the separate group Mesothelioma for incidence but are included in the Pleura grouping for mortality.

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|---------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--------------------------------------|-------|---------|
| | Incidence ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Female Genital System: | 28.5 | - | 53.1 | 9.3 | - | 16.5 | 71.8 | - | 71.8 |
| Cervix uteri | 4.5 | - | 8.7 | 1.3 | - | 2.5 | 74.6 | - | 74.6 |
| Corpus uteri | 13.6 | - | 25.3 | 1.1 | - | 1.9 | 87.0 | - | 87.0 |
| Uterus, NOS | 0.2 | - | 0.4 | 1.1 | - | 2.0 | 31.6 | - | 31.6 |
| Ovary | 8.0 | - | 14.8 | 5.2 | - | 9.2 | 44.4 | - | 44.4 |
| Vagina | 0.4 | - | 0.7 | 0.1 | - | 0.2 | 43.7 | - | 43.7 |
| Vulva | 1.4 | - | 2.4 | 0.3 | - | 0.5 | 78.3 | - | 78.3 |
| Other female genital system | 0.4 | - | 0.8 | 0.1 | - | 0.2 | 59.9 | - | 59.9 |
| Male Genital System: | 78.2 | 176.4 | - | 10.5 | 28.2 | - | 99.8 | 99.8 | - |
| Prostate | 74.5 | 169.0 | - | 10.3 | 27.7 | - | 99.9 | 99.9 | - |
| Testis | 3.2 | 6.3 | - | 0.1 | 0.3 | - | 96.3 | 96.3 | - |
| Penis | 0.3 | 0.8 | - | 0.1 | 0.2 | - | 73.3 | 73.3 | - |
| Other male genital system | 0.1 | 0.3 | - | 0.0 | 0.0 | - | 80.1 | 80.1 | - |
| Urinary System: | 35.3 | 57.8 | 18.6 | 9.0 | 14.4 | 5.2 | 76.1 | 77.9 | 71.9 |
| Urinary bladder | 22.5 | 39.7 | 9.9 | 4.5 | 7.9 | 2.3 | 82.8 | 84.3 | 78.6 |
| Kidney & renal pelvis | 12.0 | 16.7 | 8.3 | 4.3 | 6.2 | 2.8 | 64.7 | 64.7 | 64.5 |
| Ureter | 0.5 | 0.8 | 0.3 | 0.1 | 0.2 | 0.1 | 56.1 | 56.4 | 55.2 |
| Other urinary system | 0.3 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 60.9 | 69.9 | 41.4 |
| Eye & Orbit | 0.9 | 1.0 | 0.8 | 0.1 | 0.1 | 0.1 | 81.1 | 84.5 | 77.5 |
| Brain & Nervous System: ^d | 7.1 | 8.4 | 6.0 | 4.9 | 5.9 | 4.0 | 32.7 | 32.1 | 33.5 |
| Brain | 6.7 | 8.1 | 5.6 | - | - | - | 29.7 | 29.1 | 30.4 |
| Cranial nerves & other nervous system | 0.4 | 0.4 | 0.4 | - | - | - | 78.7 | 81.3 | 75.4 |
| Endocrine System: | 8.6 | 5.0 | 12.2 | 0.8 | 0.8 | 0.7 | 94.0 | 89.0 | 95.8 |
| Thyroid | 7.9 | 4.2 | 11.7 | 0.5 | 0.5 | 0.5 | 96.9 | 94.4 | 97.7 |
| Other endocrine & thymus | 0.6 | 0.8 | 0.5 | 0.3 | 0.4 | 0.3 | 59.4 | 59.3 | 59.1 |
| Lymphoma: | 23.1 | 27.6 | 19.4 | 9.0 | 11.2 | 7.3 | 65.2 | 63.5 | 67.2 |
| Hodgkin lymphoma | 2.9 | 3.3 | 2.6 | 0.5 | 0.6 | 0.4 | 86.0 | 84.6 | 87.7 |
| Non-Hodgkin lymphoma | 20.2 | 24.4 | 16.7 | 8.5 | 10.6 | 6.9 | 61.2 | 59.5 | 63.3 |
| Myeloma | 5.2 | 6.7 | 4.1 | 3.5 | 4.4 | 2.9 | 32.2 | 35.8 | 28.1 |
| Leukemia: | 12.9 | 16.9 | 9.9 | 7.8 | 10.4 | 6.0 | 49.1 | 49.6 | 48.4 |
| Lymphocytic: | 6.1 | 8.2 | 4.4 | 2.3 | 3.2 | 1.6 | 73.0 | 72.8 | 73.2 |
| Acute lymphocytic | 1.7 | 1.9 | 1.5 | 0.5 | 0.6 | 0.4 | 65.9 | 65.2 | 66.7 |
| Chronic lymphocytic | 3.9 | 5.6 | 2.6 | 1.6 | 2.4 | 1.1 | 75.5 | 74.3 | 77.1 |
| Other lymphocytic | 0.5 | 0.8 | 0.3 | 0.1 | 0.2 | 0.1 | 80.6 | 84.5 | 70.4 |
| Myeloid & Monocytic: | 6.0 | 7.6 | 4.9 | 3.6 | 4.7 | 2.8 | 25.2 | 24.3 | 26.4 |
| Acute myeloid | 3.9 | 4.9 | 3.3 | 2.7 | 3.5 | 2.2 | 19.2 | 17.9 | 20.6 |
| Chronic myeloid | 1.6 | 2.1 | 1.3 | 0.6 | 0.8 | 0.5 | 39.0 | 37.6 | 41.2 |
| Acute monocytic | 0.3 | 0.4 | 0.2 | 0.0 | 0.1 | 0.0 | 18.2 | 19.4 | 16.4 |
| Other myeloid & monocytic | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.1 | 28.2 | 26.1 | 27.9 |
| Other: | 0.8 | 1.1 | 0.7 | 1.9 | 2.5 | 1.5 | 16.6 | 16.5 | 16.7 |
| Other acute | 0.4 | 0.5 | 0.3 | 0.9 | 1.2 | 0.7 | 6.7 | 4.3 | 9.0 |
| Aleukemic, subleuk & NOS | 0.4 | 0.5 | 0.3 | 1.0 | 1.3 | 0.8 | 30.2 | 33.5 | 25.3 |
| Kaposi Sarcoma ^e | 0.8 | 1.5 | 0.1 | - | - | - | 49.1 | 48.3 | 65.2 |
| Mesothelioma ^e | 1.1 | 2.1 | 0.4 | - | - | - | 9.0 | 6.5 | 17.7 |
| Ill-defined & unspecified | 10.5 | 11.8 | 9.5 | 15.0 | 18.8 | 12.3 | 15.9 | 19.2 | 13.1 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- ^a SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^b NCHS public use data file for the total US.
- ^c SEER 9 areas.
- ^d Due to coding changes, Brain & Nervous System mortality are no longer shown separately.
- ^e Rate not shown for mortality. Category did not exist in mortality coding until 1999.
- 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

| Site | Incidence ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
|------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--------------------------------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| | All Sites | 512.3 | 682.6 | 398.5 | 248.1 | 339.4 | 194.3 | 56.0 | 58.4 |
| Oral Cavity & Pharynx: | 11.6 | 19.0 | 6.1 | 4.1 | 7.1 | 1.9 | 39.5 | 34.3 | 52.0 |
| Lip | 0.2 | - | - | - | - | - | - | - | - |
| Tongue | 2.7 | 4.3 | 1.4 | 0.8 | 1.4 | 0.4 | 37.0 | 34.7 | 42.6 |
| Salivary gland | 0.9 | 1.1 | 0.8 | 0.2 | 0.2 | 0.2 | 74.9 | 64.9 | 85.4 |
| Floor of mouth | 1.1 | 1.9 | 0.4 | 0.1 | 0.2 | 0.0 | 40.0 | 29.3 | 62.4 |
| Gum & other | 1.9 | 2.8 | 1.3 | 0.6 | 0.9 | 0.3 | 46.4 | 36.2 | 64.8 |
| oral cavity | | | | | | | | | |
| Nasopharynx | 0.6 | 0.9 | 0.4 | 0.3 | 0.5 | 0.2 | 41.0 | 47.1 | 20.6 |
| Tonsil | 1.8 | 3.3 | 0.7 | 0.4 | 0.7 | 0.1 | 35.2 | 31.8 | 47.7 |
| Oropharynx | 0.6 | 1.1 | - | 0.4 | 0.8 | 0.2 | 30.4 | 32.5 | - |
| Hypopharynx | 1.4 | 2.6 | 0.4 | 0.2 | 0.4 | 0.1 | 16.0 | 17.3 | 11.5 |
| Other oral cavity & pharynx | 0.4 | 0.8 | - | 1.1 | 2.1 | 0.4 | 18.2 | 17.8 | - |
| Digestive System: | 112.8 | 138.2 | 95.1 | 66.1 | 86.1 | 52.6 | 36.5 | 33.8 | 39.2 |
| Esophagus | 6.5 | 10.4 | 3.6 | 6.5 | 11.2 | 3.2 | 9.6 | 8.6 | 11.6 |
| Stomach | 12.9 | 17.7 | 9.6 | 8.8 | 12.8 | 6.3 | 22.8 | 21.5 | 24.2 |
| Small intestine | 3.2 | 4.0 | 2.7 | 0.6 | 0.7 | 0.5 | 48.1 | 44.6 | 50.9 |
| Colon & Rectum: | 62.4 | 72.5 | 56.0 | 27.9 | 34.0 | 24.1 | 55.0 | 55.9 | 54.3 |
| Colon | 48.4 | 55.0 | 44.4 | - | - | - | 54.7 | 56.3 | 53.6 |
| Rectum | 14.0 | 17.4 | 11.6 | - | - | - | 56.0 | 55.0 | 57.0 |
| Anus, anal canal & anorectum | 1.6 | 1.8 | 1.4 | 0.2 | 0.2 | 0.2 | 57.1 | 51.8 | 61.9 |
| Liver & Intrahep: | 7.3 | 12.1 | 3.7 | 6.2 | 9.5 | 3.8 | 5.1 | 5.5 | 4.6 |
| Liver | 6.7 | 11.2 | 3.3 | 5.3 | 8.5 | 3.0 | 5.1 | 5.4 | 4.3 |
| Intrahep bile duct | 0.6 | 0.8 | 0.4 | 0.9 | 1.0 | 0.8 | 0.0 | 0.0 | - |
| Gallbladder | 1.2 | 0.7 | 1.5 | 0.8 | 0.5 | 1.0 | 15.1 | 10.7 | 15.8 |
| Other biliary | 1.4 | 1.9 | 1.1 | 0.5 | 0.5 | 0.4 | 22.1 | 14.4 | 27.6 |
| Pancreas | 14.9 | 16.3 | 13.6 | 14.0 | 15.8 | 12.6 | 4.4 | 2.9 | 5.6 |
| Retroperitoneum | 0.4 | 0.4 | 0.5 | 0.1 | 0.1 | 0.1 | 42.3 | 47.6 | 38.3 |
| Peritoneum, omentum & mesentery | 0.4 | - | 0.6 | 0.1 | 0.1 | 0.2 | 35.1 | - | 33.4 |
| Other digestive system | 0.7 | 0.6 | 0.7 | 0.4 | 0.6 | 0.4 | 0.0 | - | 0.0 |
| Respiratory System: | 86.0 | 126.7 | 58.2 | 67.0 | 107.0 | 41.0 | 16.6 | 16.0 | 17.7 |
| Nose, nasal cavity & middle ear | 0.7 | 0.9 | 0.5 | 0.2 | 0.3 | 0.1 | 35.2 | 26.3 | 47.6 |
| Larynx | 6.2 | 11.5 | 2.3 | 2.6 | 5.2 | 0.9 | 51.2 | 53.3 | 45.2 |
| Lung & bronchus | 78.8 | 113.9 | 55.2 | 64.1 | 101.3 | 39.9 | 13.2 | 11.6 | 15.6 |
| Pleura ^d | - | - | - | 0.1 | 0.1 | - | - | - | - |
| Trachea & other respiratory organs | 0.2 | - | - | 0.1 | 0.2 | 0.1 | 22.0 | 17.4 | - |
| Bones & joints | 0.7 | 0.8 | 0.6 | 0.4 | 0.6 | 0.3 | 69.7 | 70.0 | 68.4 |
| Soft tissue (incl heart) | 3.0 | 3.5 | 2.6 | 1.5 | 1.6 | 1.5 | 60.8 | 58.7 | 63.0 |
| Skin (ex basal & squam): | 2.2 | 2.6 | 1.9 | 1.1 | 1.6 | 0.7 | 88.6 | 85.8 | 88.8 |
| Melanoma of the skin | 1.0 | 1.3 | 0.8 | 0.4 | 0.5 | 0.4 | 77.5 | 75.7 | 78.2 |
| Other non-epithelial skin | 1.2 | 1.3 | 1.1 | 0.6 | 1.1 | 0.3 | 96.1 | 93.5 | 95.6 |
| Breast | 68.9 | 1.9 | 119.4 | 20.6 | 0.6 | 34.7 | 75.7 | 56.0 | 75.9 |
| Breast (<i>in situ</i>) | 15.5 | - | 27.3 | - | - | - | 100.0 | - | 100.0 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^b NCHS public use data file for the total US.

^c SEER 9 areas.

^d Mesotheliomas of the Pleura are included in the separate group Mesothelioma for incidence but are included in the Pleura grouping for mortality.

- 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

Blacks

| Site | Incidence ^a (1998-2002) | | | US Mortality ^b (1998-2002) | | | Survival ^c (1995-2001) | | |
|---------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--------------------------------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Female Genital System: | 25.1 | - | 43.6 | 12.4 | - | 20.7 | 58.2 | - | 58.2 |
| Cervix uteri | 6.3 | - | 11.1 | 3.1 | - | 5.3 | 66.1 | - | 66.1 |
| Corpus uteri | 10.5 | - | 18.2 | 1.9 | - | 3.1 | 63.2 | - | 63.2 |
| Uterus, NOS | 0.5 | - | 0.8 | 2.4 | - | 3.9 | 33.6 | - | 33.6 |
| Ovary | 5.8 | - | 9.9 | 4.4 | - | 7.4 | 37.7 | - | 37.7 |
| Vagina | 0.6 | - | 1.1 | 0.2 | - | 0.4 | 39.9 | - | 39.9 |
| Vulva | 1.0 | - | 1.7 | 0.2 | - | 0.3 | 70.1 | - | 70.1 |
| Other female genital system | 0.4 | - | 0.7 | 0.2 | - | 0.3 | 70.6 | - | 70.6 |
| Male Genital System: | 113.0 | 274.6 | - | 23.9 | 68.6 | - | 96.5 | 96.5 | - |
| Prostate | 111.8 | 272.0 | - | 23.8 | 68.1 | - | 96.7 | 96.7 | - |
| Testis | 0.7 | 1.5 | - | 0.1 | 0.2 | - | 87.8 | 87.8 | - |
| Penis | 0.3 | 0.9 | - | 0.1 | 0.2 | - | 66.7 | 66.7 | - |
| Other male genital system | - | - | - | 0.0 | 0.1 | - | - | - | - |
| Urinary System: | 27.1 | 40.7 | 18.0 | 8.2 | 11.9 | 5.9 | 63.3 | 65.1 | 60.5 |
| Urinary bladder | 12.6 | 20.1 | 7.7 | 3.9 | 5.5 | 2.9 | 64.3 | 69.7 | 53.9 |
| Kidney & renal pelvis | 13.7 | 19.4 | 9.7 | 4.1 | 6.2 | 2.7 | 63.6 | 61.8 | 65.9 |
| Ureter | 0.3 | 0.4 | - | 0.0 | - | 0.1 | - | - | - |
| Other urinary system | 0.5 | 0.7 | 0.4 | 0.2 | 0.2 | 0.2 | 47.8 | 66.2 | 0.0 |
| Eye & Orbit | 0.2 | - | - | 0.0 | - | 0.0 | 79.2 | - | - |
| Brain & Nervous System: ^d | 3.9 | 4.5 | 3.4 | 2.7 | 3.3 | 2.2 | 37.6 | 37.7 | 37.5 |
| Brain | 3.5 | 4.2 | 3.0 | - | - | - | 35.8 | 36.2 | 35.2 |
| Cranial nerves & other nervous system | 0.4 | 0.4 | 0.5 | - | - | - | 54.5 | 53.6 | 53.8 |
| Endocrine System: | 5.1 | 3.1 | 6.7 | 0.8 | 0.7 | 0.9 | 89.9 | 83.9 | 91.4 |
| Thyroid | 4.4 | 2.2 | 6.2 | 0.5 | 0.4 | 0.5 | 94.8 | 89.2 | 95.4 |
| Other endocrine & thymus | 0.7 | 0.8 | 0.6 | 0.4 | 0.4 | 0.3 | 58.6 | 68.3 | 49.0 |
| Lymphoma: | 16.7 | 20.6 | 13.7 | 6.0 | 7.7 | 4.8 | 58.2 | 53.5 | 64.6 |
| Hodgkin lymphoma | 2.5 | 3.0 | 2.0 | 0.4 | 0.5 | 0.3 | 80.4 | 77.8 | 83.3 |
| Non-Hodgkin lymphoma | 14.2 | 17.6 | 11.6 | 5.6 | 7.1 | 4.5 | 52.3 | 47.6 | 59.1 |
| Myeloma | 11.0 | 13.1 | 9.5 | 7.4 | 8.8 | 6.5 | 33.3 | 36.3 | 30.5 |
| Leukemia: | 9.7 | 12.4 | 7.8 | 6.8 | 8.9 | 5.4 | 38.1 | 39.2 | 36.9 |
| Lymphocytic: | 3.8 | 5.1 | 2.9 | 2.0 | 2.8 | 1.4 | 56.1 | 54.7 | 58.1 |
| Acute lymphocytic | 0.8 | 0.8 | 0.7 | 0.4 | 0.5 | 0.3 | 54.4 | 54.2 | 54.8 |
| Chronic lymphocytic | 2.8 | 3.9 | 2.0 | 1.5 | 2.2 | 1.0 | 57.5 | 53.8 | 62.2 |
| Other lymphocytic | 0.3 | 0.4 | - | 0.1 | 0.2 | 0.1 | 49.7 | - | - |
| Myeloid & Monocytic: | 5.1 | 6.3 | 4.2 | 3.0 | 3.8 | 2.5 | 26.4 | 28.6 | 24.1 |
| Acute myeloid | 3.3 | 4.1 | 2.8 | 2.1 | 2.6 | 1.8 | 22.2 | 25.5 | 19.2 |
| Chronic myeloid | 1.4 | 1.9 | 1.0 | 0.7 | 0.9 | 0.6 | 34.8 | 33.9 | 35.3 |
| Acute monocytic | - | - | - | 0.0 | - | - | - | - | - |
| Other myeloid & monocytic | 0.2 | - | - | 0.1 | 0.2 | 0.1 | - | - | - |
| Other: | 0.7 | 0.9 | 0.6 | 1.8 | 2.3 | 1.5 | 17.1 | 12.8 | 20.7 |
| Other acute | 0.4 | 0.5 | - | 0.7 | 0.9 | 0.6 | 13.0 | 10.4 | - |
| Aleukemic, subleuk & NOS | 0.4 | 0.4 | 0.4 | 1.1 | 1.5 | 0.9 | 22.2 | - | - |
| Kaposi Sarcoma ^e | 1.8 | 3.7 | - | - | - | - | 34.0 | 34.1 | 34.5 |
| Mesothelioma ^e | 0.6 | 1.1 | - | - | - | - | 14.7 | 10.0 | - |
| Ill-defined & unspecified | 13.3 | 15.8 | 11.5 | 19.1 | 24.9 | 15.2 | 10.5 | 11.9 | 8.9 |

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^b NCHS public use data file for the total US.

^c SEER 9 areas.

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

^e Rate not shown for mortality. Category did not exist in mortality coding until 1999.

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

SEER Incidence* and US Death Rates,# 1998-2002 5-Year Relative Survival Rates,^ 1995-2001 All Cancer Combined, by Race and Sex

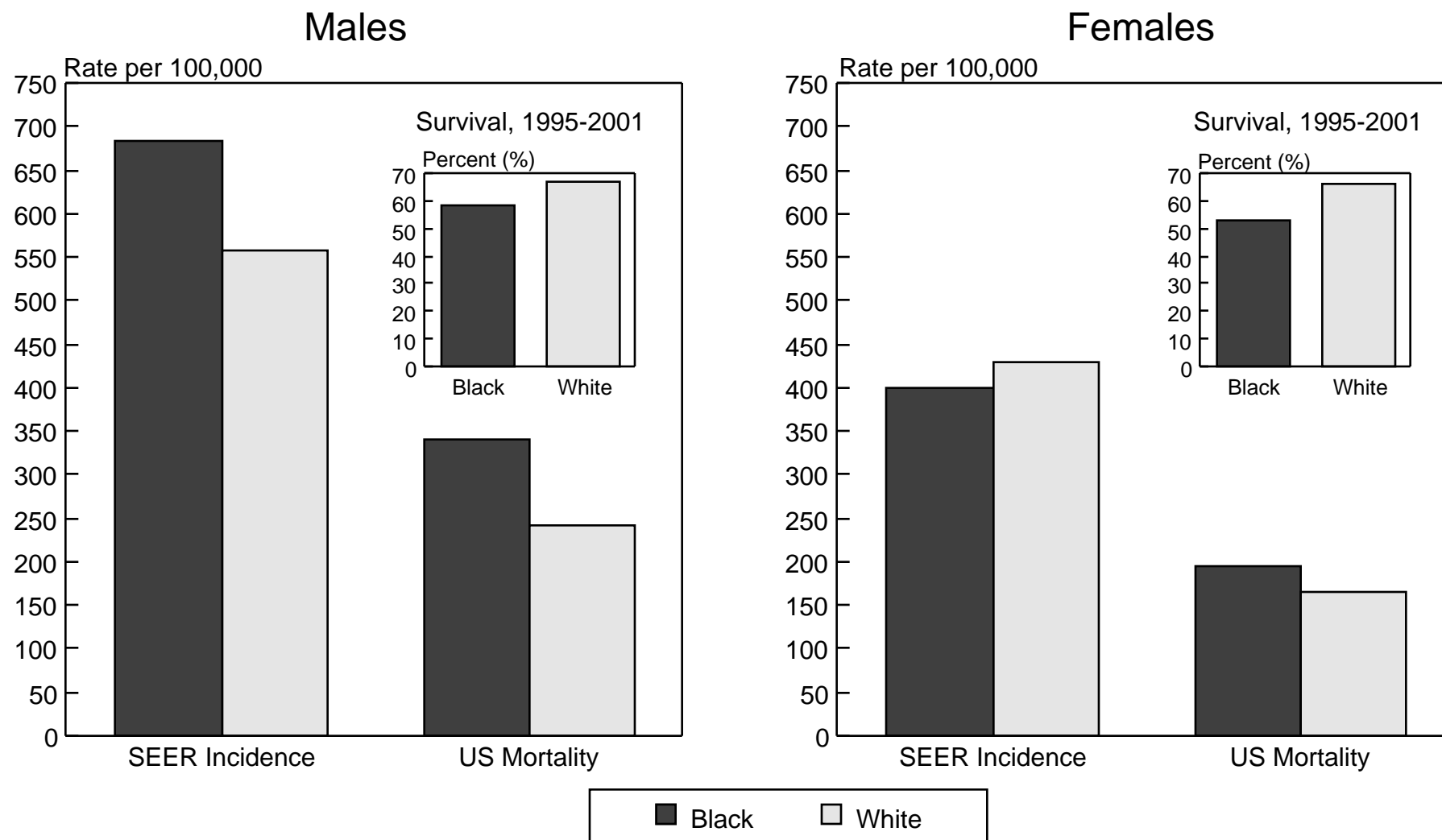


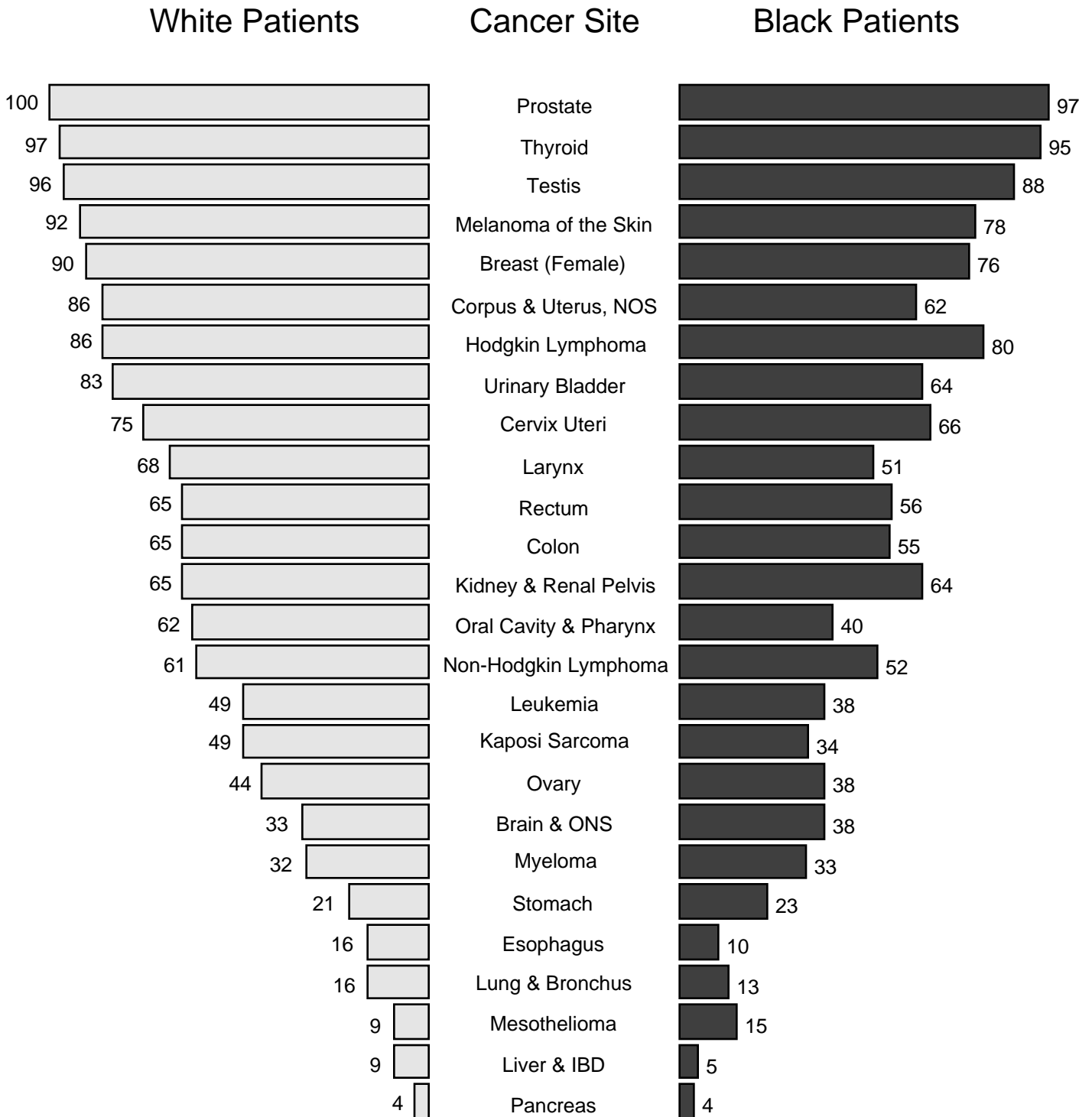
Figure 1-9

* Incidence rates are from the SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia) and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Death rates are from the NCHS public use data file for the total US and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

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

5-Year Relative Survival Rates SEER Program, 1995-2001 Both Sexes, by Race



Source: SEER 9 areas.

Table II-4
ALL SITES (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 39 | - | - | 27 | - | - |
| 1970-1973 ^a | - | - | - | 43 | - | - | 31 | - | - |
| 1974-1976 ^b | 49.6 | 41.0 | 57.0 | 50.6 | 42.1 | 57.8 | 39.2 | 31.6 | 47.1 |
| 1977-1979 ^b | 50.1 | 43.4 | 56.3 | 51.2 | 44.7 | 57.1 | 39.3 | 32.4 | 46.8 |
| 1980-1982 ^b | 51.0 | 45.3 | 56.3 | 52.1 | 46.7 | 57.1 | 39.9 | 34.4 | 46.2 |
| 1983-1985 ^b | 52.5 | 46.8 | 57.8 | 53.9 | 48.5 | 58.9 | 39.9 | 34.6 | 45.6 |
| 1986-1988 ^b | 55.4 | 50.2 | 60.4 | 56.8 | 51.9 | 61.5 | 42.8 | 37.9 | 48.0 |
| 1989-1991 ^b | 58.8 | 56.1 | 61.6 | 60.3 | 57.9 | 62.9 | 46.3 | 43.5 | 49.3 |
| 1992-1994 ^b | 62.4 | 62.2 | 62.7 | 63.9 | 63.9 | 64.0 | 52.1 | 53.4 | 50.5 |
| 1995-2001 ^b | 65.0 ^d | 65.0 ^d | 65.0 ^d | 66.4 ^d | 66.5 ^d | 66.3 ^d | 56.0 ^d | 58.4 ^d | 53.2 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 66.3 | 66.6 | 66.1 | 67.8 | 68.2 | 67.3 | 57.2 | 60.1 | 54.0 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 76.4 | 69.8 | 81.0 | 79.1 | 73.3 | 83.2 | 59.9 | 50.5 | 66.5 |
| 45-54 | 69.9 | 62.6 | 75.5 | 72.1 | 65.0 | 77.5 | 57.0 | 53.3 | 60.9 |
| 55-64 | 67.0 | 66.6 | 67.4 | 68.5 | 68.1 | 68.9 | 58.7 | 62.3 | 53.3 |
| 65-74 | 63.6 | 67.3 | 58.9 | 64.7 | 68.2 | 60.1 | 56.9 | 65.0 | 45.2 |
| 75+ | 53.7 | 58.4 | 49.7 | 54.9 | 59.5 | 51.0 | 44.7 | 52.9 | 37.6 |
| Under 65 | 70.3 | 66.2 | 74.1 | 72.3 | 68.4 | 75.8 | 58.5 | 56.9 | 60.2 |
| 65 and over | 59.6 | 64.1 | 54.6 | 60.6 | 65.0 | 55.8 | 52.4 | 61.2 | 41.9 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 18 | 16 | 21 | 19 | 17 | 21 |
| 1970-1973 ^a | - | - | - | 20 | 18 | 22 | 19 | 19 | 19 |
| 1974-1976 ^b | 22.3 | 20.4 | 24.7 | 22.1 | 20.4 | 24.2 | 26.2 | 16.9 | 39.1 ^e |
| 1977-1979 ^b | 24.6 | 23.1 | 26.6 | 24.0 | 22.6 | 25.7 | 27.7 | 24.8 | 31.0 ^e |
| 1980-1982 ^b | 25.4 | 24.5 | 26.6 | 24.7 | 23.8 | 25.8 | 30.8 | 33.4 | 26.9 ^e |
| 1983-1985 ^b | 26.7 | 25.3 | 28.3 | 26.0 | 24.9 | 27.4 | 32.1 | 31.6 | 32.5 ^e |
| 1986-1988 ^b | 30.8 | 29.3 | 32.6 | 30.1 | 28.2 | 32.4 | 32.6 | 35.6 | 28.9 |
| 1989-1991 ^b | 31.2 | 31.5 | 30.8 | 30.3 | 30.2 | 30.5 | 38.4 | 41.2 | 35.0 |
| 1992-1994 ^b | 32.9 | 33.6 | 32.0 | 32.2 | 32.7 | 31.6 | 40.1 | 43.7 | 36.7 |
| 1995-2001 ^b | 33.3 ^d | 32.4 ^d | 34.4 ^d | 32.7 ^d | 32.1 ^d | 33.5 ^d | 37.6 ^d | 37.7 ^d | 37.5 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 33.9 | 32.1 | 36.4 | 33.5 | 32.0 | 35.4 | 34.1 | 31.5 | 36.9 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 62.5 | 60.7 | 65.1 | 63.3 | 61.7 | 65.4 | 57.5 | 57.2 | 57.8 |
| 45-54 | 25.8 | 23.9 | 28.8 | 25.8 | 23.6 | 29.1 | 25.7 ^e | 30.1 ^e | 19.4 ^e |
| 55-64 | 13.0 | 11.9 | 14.7 | 12.7 | 11.9 | 13.9 | 10.7 | 3.6 | 20.3 ^e |
| 65-74 | 7.0 | 5.9 | 8.3 | 7.0 | 5.6 | 8.5 | 5.7 | - | 6.0 |
| 75+ | 3.9 | 3.5 | 4.2 | 3.9 | 3.4 | 4.1 | 9.0 ^e | - | 11.1 ^e |
| Under 65 | 43.3 | 40.9 | 46.6 | 43.0 | 40.9 | 46.1 | 43.4 | 43.0 | 43.9 |
| 65 and over | 5.8 | 5.1 | 6.4 | 5.7 | 4.9 | 6.5 | 6.6 | 5.3 | 8.0 |

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.
- ^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
- ^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).
- ^e The standard error of the survival rate is between 5 and 10 percentage points.
- ^f 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)

| | All Races, Females | | | White Females | | | Black Females | | |
|--|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 63 | - | - | 46 | - | - |
| 1970-1973 ^a | - | - | - | 68 | - | - | 51 | - | - |
| 1974-1976 ^b | 74.6 | 76.4 | 74.0 | 75.3 | 77.4 | 74.5 | 63.1 | 64.2 | 62.5 |
| 1977-1979 ^b | 74.7 | 75.9 | 74.3 | 75.5 | 76.8 | 75.0 | 63.1 | 65.4 | 61.8 |
| 1980-1982 ^b | 76.3 | 77.1 | 76.1 | 77.1 | 77.9 | 76.9 | 65.8 | 68.7 | 64.1 |
| 1983-1985 ^b | 78.1 | 77.4 | 78.3 | 79.2 | 79.0 | 79.3 | 63.6 | 63.5 | 63.6 |
| 1986-1988 ^b | 82.9 | 80.2 | 83.8 | 84.0 | 81.6 | 84.7 | 69.3 | 67.5 | 70.2 |
| 1989-1991 ^b | 84.9 | 82.8 | 85.8 | 86.2 | 84.6 | 86.8 | 71.3 | 69.4 | 72.5 |
| 1992-1994 ^b | 86.2 | 84.0 | 87.1 | 87.6 | 86.0 | 88.1 | 72.6 | 70.1 | 74.1 |
| 1995-2001 ^b | 88.2 ^d | 86.1 ^d | 89.1 ^d | 89.5 ^d | 88.0 ^d | 90.0 ^d | 75.9 ^d | 73.6 ^d | 77.3 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 88.2 | 86.1 | 89.1 | 89.5 | 88.0 | 90.0 | 75.9 | 73.6 | 77.3 |
| Localized | 97.9 | 94.8 | 99.0 | 98.5 | 95.6 | 99.4 | 92.2 | 89.0 | 93.8 |
| Regional | 81.3 | 81.6 | 81.2 | 82.9 | 83.8 | 82.4 | 68.3 | 67.9 | 68.7 |
| Distant | 26.1 | 33.2 | 23.6 | 27.7 | 36.6 | 24.9 | 16.3 | 20.5 | 13.7 |
| Unstaged | 55.6 | 65.8 | 52.4 | 57.5 | 71.5 | 53.4 | 46.4 | 48.1 ^e | 44.8 |
| <i>IN SITU</i> ^g | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 100.0 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 89.1 | 86.9 | 90.0 | 90.3 | 88.7 | 90.9 | 76.7 | 74.6 | 78.1 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 107,748 | 26,653 | 81,095 | 91,127 | 21,030 | 70,097 | 9,103 | 3,219 | 5,884 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 63 | 56 | 66 | 64 | 57 | 66 | 53 | 48 | 56 |
| Regional | 29 | 37 | 26 | 29 | 37 | 26 | 35 | 41 | 32 |
| Distant | 6 | 5 | 6 | 5 | 5 | 6 | 9 | 9 | 9 |
| Unstaged | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 84.8 | - | - | 86.9 | - | - | 71.3 | - | - |
| 45-54 | 88.4 | - | - | 89.7 | - | - | 77.2 | - | - |
| 55-64 | 89.4 | - | - | 90.6 | - | - | 78.2 | - | - |
| 65-74 | 90.1 | - | - | 90.7 | - | - | 79.7 | - | - |
| 75+ | 87.8 | - | - | 88.6 | - | - | 73.3 | - | - |
| Under 65 | 87.9 | - | - | 89.4 | - | - | 75.5 | - | - |
| 65 and over | 89.2 | - | - | 89.9 | - | - | 77.2 | - | - |

a

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

b

Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Rates are based on follow-up of patients into 2002.

c

Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

d

The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

e

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

f

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

g

In situ cases are not included in the All Stages group.

-

Statistic could not be calculated.

Table V-4
CERVIX UTERI CANCER (Invasive)

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

| | All Races, Females | | | White Females | | | Black Females | | |
|--|--------------------|-------|-------|-------------------|-------|-------------------|-------------------|-------------------|-------------------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 58 | - | - | 47 | - | - |
| 1970-1973 ^a | - | - | - | 64 | - | - | 61 | - | - |
| 1974-1976 ^b | 69.1 | 81.5 | 58.1 | 69.9 | 82.4 | 58.6 | 63.6 | 75.1 | 53.7 |
| 1977-1979 ^b | 68.6 | 78.4 | 59.7 | 69.7 | 80.0 | 60.5 | 62.1 | 71.6 | 52.4 |
| 1980-1982 ^b | 67.8 | 79.4 | 56.2 | 68.3 | 80.6 | 55.9 | 61.7 | 72.5 | 51.2 |
| 1983-1985 ^b | 69.0 | 78.6 | 57.9 | 70.7 | 80.6 | 58.7 | 60.8 | 70.3 | 50.4 |
| 1986-1988 ^b | 69.2 | 78.9 | 56.9 | 72.0 | 81.6 | 58.4 | 55.8 | 63.8 | 48.2 |
| 1989-1991 ^b | 71.1 | 78.5 | 60.9 | 72.6 | 80.9 | 60.2 | 62.6 | 67.1 | 57.4 |
| 1992-1994 ^b | 70.8 | 80.1 | 57.1 | 72.7 | 82.8 | 56.9 | 57.8 | 62.7 | 50.6 |
| 1995-2001 ^b | 73.3 ^d | 81.6 | 60.8 | 74.6 ^d | 83.5 | 59.9 | 66.1 | 70.0 | 60.6 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 73.3 | 81.6 | 60.8 | 74.6 | 83.5 | 59.9 | 66.1 | 70.0 | 60.6 |
| Localized | 92.4 | 94.5 | 87.1 | 92.8 | 95.7 | 85.2 | 88.4 | 86.9 | 91.9 |
| Regional | 54.7 | 59.5 | 50.1 | 55.3 | 61.1 | 49.2 | 48.2 | 49.2 | 46.0 |
| Distant | 16.5 | 22.0 | 12.7 | 17.7 | 26.5 | 11.2 | 12.5 | 14.0 ^e | 11.9 ^e |
| Unstaged | 61.4 | 75.2 | 45.8 | 64.5 | 77.8 | 44.3 ^e | 56.6 ^e | 61.8 ^e | 53.7 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 72.7 | 82.2 | 58.8 | 74.1 | 84.1 | 58.3 | 66.8 | 72.9 | 59.2 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 7,343 | 4,252 | 3,091 | 5,428 | 3,249 | 2,179 | 1,076 | 581 | 495 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 55 | 66 | 39 | 56 | 67 | 40 | 48 | 59 | 36 |
| Regional | 32 | 24 | 42 | 30 | 23 | 41 | 35 | 29 | 41 |
| Distant | 8 | 5 | 12 | 8 | 5 | 13 | 9 | 7 | 12 |
| Unstaged | 6 | 5 | 7 | 5 | 5 | 6 | 8 | 5 | 11 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 83.4 | - | - | 85.3 | - | - | 72.6 | - | - |
| 45-54 | 71.0 | - | - | 72.4 | - | - | 59.7 | - | - |
| 55-64 | 65.4 | - | - | 64.3 | - | - | 62.6 | - | - |
| 65-74 | 62.7 | - | - | 62.5 | - | - | 59.3 ^e | - | - |
| 75+ | 41.7 | - | - | 36.2 | - | - | 59.2 ^e | - | - |
| Under 65 | 77.1 | - | - | 78.7 | - | - | 67.4 | - | - |
| 65 and over | 53.9 | - | - | 51.9 | - | - | 60.2 | - | - |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table VI-7
COLON AND RECTUM CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | - | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | - | - | - | - | - | - |
| 1974-1976 ^b | 49.7 | 48.7 | 50.7 | 50.0 | 49.0 | 50.8 | 45.1 | 42.0 | 47.8 |
| 1977-1979 ^b | 52.0 | 50.8 | 53.1 | 52.3 | 51.3 | 53.3 | 45.8 | 43.8 | 47.1 |
| 1980-1982 ^b | 54.4 | 53.8 | 54.9 | 54.8 | 54.4 | 55.2 | 46.8 | 43.9 | 49.1 |
| 1983-1985 ^b | 56.8 | 56.7 | 56.9 | 57.6 | 57.5 | 57.6 | 48.1 | 47.0 | 49.0 |
| 1986-1988 ^b | 60.3 | 60.6 | 60.0 | 60.9 | 61.4 | 60.4 | 52.8 | 51.4 | 54.0 |
| 1989-1991 ^b | 61.9 | 62.1 | 61.7 | 62.5 | 62.8 | 62.1 | 54.2 | 54.5 | 53.8 |
| 1992-1994 ^b | 61.8 | 61.8 | 61.9 | 62.8 | 62.8 | 62.8 | 52.2 | 50.9 | 53.3 |
| 1995-2001 ^b | 64.1 ^d | 64.7 ^d | 63.5 ^d | 65.0 ^d | 65.6 ^d | 64.4 ^d | 55.0 ^d | 55.9 ^d | 54.3 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 64.1 | 64.7 | 63.5 | 65.0 | 65.6 | 64.4 | 55.0 | 55.9 | 54.3 |
| Localized | 90.4 | 91.6 | 89.2 | 90.8 | 92.0 | 89.6 | 84.1 | 86.1 | 82.3 |
| Regional | 67.9 | 67.9 | 67.9 | 68.8 | 68.8 | 68.8 | 61.0 | 61.6 | 60.5 |
| Distant | 9.7 | 9.5 | 10.0 | 9.9 | 9.8 | 10.1 | 8.1 | 8.4 | 7.7 |
| Unstaged | 35.4 | 39.7 | 31.4 | 35.1 | 39.5 | 31.2 | 39.4 | 43.2 ^e | 34.6 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 65.6 | 66.3 | 64.9 | 66.7 | 67.5 | 65.8 | 55.3 | 54.8 | 55.8 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 74,133 | 37,243 | 36,890 | 61,280 | 30,872 | 30,408 | 6,868 | 3,142 | 3,726 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 39 | 40 | 38 | 39 | 40 | 38 | 35 | 35 | 35 |
| Regional | 38 | 37 | 38 | 38 | 37 | 39 | 35 | 34 | 36 |
| Distant | 19 | 19 | 19 | 19 | 19 | 18 | 24 | 25 | 24 |
| Unstaged | 5 | 4 | 5 | 5 | 4 | 5 | 6 | 6 | 6 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 64.0 | 64.6 | 63.2 | 65.9 | 65.0 | 67.0 | 55.8 | 61.9 | 50.0 |
| 45-54 | 66.1 | 66.0 | 66.3 | 66.9 | 66.5 | 67.4 | 61.9 | 62.2 | 61.2 |
| 55-64 | 66.2 | 66.3 | 66.1 | 66.9 | 67.4 | 66.3 | 58.2 | 57.0 | 59.4 |
| 65-74 | 66.0 | 65.5 | 66.5 | 66.7 | 65.9 | 67.5 | 56.1 | 56.0 | 56.1 |
| 75+ | 60.3 | 62.1 | 59.1 | 61.5 | 63.7 | 60.1 | 44.4 | 42.9 | 45.4 |
| Under 65 | 65.8 | 65.9 | 65.7 | 66.7 | 66.8 | 66.7 | 59.1 | 59.8 | 58.3 |
| 65 and over | 63.2 | 64.2 | 62.5 | 64.1 | 65.1 | 63.4 | 51.0 | 50.9 | 51.1 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table VI-8
COLON CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 43 | 42 | 44 | 34 | 32 | 35 |
| 1970-1973 ^a | - | - | - | 49 | 47 | 50 | 37 | 36 | 38 |
| 1974-1976 ^b | 50.3 | 49.4 | 51.1 | 50.5 | 49.7 | 51.2 | 46.3 | 45.0 | 47.3 |
| 1977-1979 ^b | 52.9 | 51.8 | 53.8 | 53.1 | 52.0 | 53.9 | 48.1 | 45.9 | 49.7 |
| 1980-1982 ^b | 55.3 | 55.5 | 55.2 | 55.6 | 55.8 | 55.4 | 49.5 | 47.0 | 51.2 |
| 1983-1985 ^b | 57.6 | 58.0 | 57.3 | 58.3 | 58.8 | 57.9 | 49.4 | 48.4 | 50.2 |
| 1986-1988 ^b | 61.0 | 61.8 | 60.2 | 61.6 | 62.6 | 60.7 | 53.1 | 52.9 | 53.3 |
| 1989-1991 ^b | 62.6 | 63.1 | 62.1 | 63.2 | 63.8 | 62.6 | 54.0 | 53.9 | 54.1 |
| 1992-1994 ^b | 62.1 | 62.5 | 61.8 | 63.1 | 63.5 | 62.7 | 51.9 | 50.5 | 53.0 |
| 1995-2001 ^b | 63.9 ^d | 65.1 ^d | 62.9 ^d | 64.9 ^d | 66.1 ^d | 63.9 ^d | 54.7 ^d | 56.3 ^d | 53.6 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 63.9 | 65.1 | 62.9 | 64.9 | 66.1 | 63.9 | 54.7 | 56.3 | 53.6 |
| Localized | 91.8 | 93.7 | 90.0 | 92.4 | 94.4 | 90.4 | 85.7 | 88.4 | 83.1 |
| Regional | 69.6 | 70.4 | 69.0 | 70.6 | 71.5 | 69.8 | 62.7 | 64.0 | 61.8 |
| Distant | 10.4 | 10.3 | 10.4 | 10.6 | 10.6 | 10.6 | 8.3 | 9.1 | 7.5 |
| Unstaged | 30.4 | 35.9 | 25.8 | 30.8 | 36.2 | 26.5 | 31.1 | 35.7 ^e | 25.3 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 65.3 | 66.6 | 64.1 | 66.7 | 68.2 | 65.3 | 54.1 | 54.6 | 53.9 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 52,772 | 25,132 | 27,640 | 43,617 | 20,872 | 22,745 | 5,173 | 2,260 | 2,913 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 37 | 38 | 36 | 37 | 38 | 36 | 33 | 33 | 33 |
| Regional | 39 | 38 | 40 | 39 | 38 | 40 | 36 | 36 | 37 |
| Distant | 21 | 21 | 20 | 20 | 21 | 19 | 26 | 26 | 25 |
| Unstaged | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 63.0 | 65.6 | 60.1 | 65.3 | 65.3 | 65.4 | 55.1 | 65.9 | 45.8 |
| 45-54 | 64.1 | 64.8 | 63.3 | 64.8 | 65.5 | 64.0 | 60.4 | 59.9 | 60.4 |
| 55-64 | 65.7 | 66.1 | 65.3 | 66.6 | 67.4 | 65.6 | 56.8 | 56.8 | 56.4 |
| 65-74 | 65.5 | 65.6 | 65.5 | 66.5 | 66.5 | 66.5 | 57.6 | 58.0 | 57.2 |
| 75+ | 61.4 | 63.9 | 60.0 | 62.8 | 65.6 | 61.1 | 44.9 | 44.0 | 45.6 |
| Under 65 | 64.8 | 65.6 | 63.9 | 65.9 | 66.5 | 65.1 | 57.8 | 59.5 | 56.0 |
| 65 and over | 63.5 | 65.0 | 62.5 | 64.6 | 66.2 | 63.4 | 52.0 | 52.6 | 51.7 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table VI-9
RECTUM CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 38 | 36 | 41 | 27 | 28 | 27 |
| 1970-1973 ^a | - | - | - | 45 | 43 | 48 | 30 | 20 | 40 |
| 1974-1976 ^b | 48.5 | 47.5 | 49.6 | 48.8 | 47.9 | 49.9 | 41.8 | 34.5 | 48.5 |
| 1977-1979 ^b | 49.9 | 48.9 | 51.1 | 50.7 | 49.9 | 51.6 | 38.9 | 38.5 | 39.2 |
| 1980-1982 ^b | 52.2 | 50.6 | 54.1 | 53.1 | 51.6 | 54.7 | 38.3 | 36.3 | 40.8 |
| 1983-1985 ^b | 55.0 | 54.2 | 55.9 | 55.8 | 55.0 | 56.7 | 44.0 | 43.0 | 44.9 |
| 1986-1988 ^b | 58.7 | 58.1 | 59.3 | 59.3 | 59.1 | 59.5 | 51.2 | 46.5 | 55.8 |
| 1989-1991 ^b | 60.3 | 60.1 | 60.5 | 60.7 | 60.7 | 60.8 | 54.7 | 56.5 | 52.9 |
| 1992-1994 ^b | 61.2 | 60.2 | 62.3 | 62.1 | 61.2 | 63.2 | 53.2 | 51.8 | 54.7 |
| 1995-2001 ^b | 64.7 ^d | 64.1 ^d | 65.4 ^d | 65.1 ^d | 64.5 ^d | 65.9 ^d | 56.0 ^d | 55.0 ^d | 57.0 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 64.7 | 64.1 | 65.4 | 65.1 | 64.5 | 65.9 | 56.0 | 55.0 | 57.0 |
| Localized | 87.7 | 88.0 | 87.4 | 87.9 | 87.9 | 87.9 | 80.6 | 81.4 | 79.4 |
| Regional | 63.4 | 62.5 | 64.6 | 64.2 | 63.1 | 65.6 | 54.5 | 54.1 | 54.8 |
| Distant | 7.9 | 7.6 | 8.2 | 7.9 | 7.9 | 8.0 | 7.4 | 6.7 | 8.2 |
| Unstaged | 43.0 | 44.4 | 41.1 | 41.6 | 43.4 | 39.3 | 52.9 ^e | 52.6 ^e | 53.2 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 66.3 | 65.6 | 67.2 | 66.6 | 66.0 | 67.3 | 58.8 | 55.2 | 62.6 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 21,361 | 12,111 | 9,250 | 17,663 | 10,000 | 7,663 | 1,695 | 882 | 813 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 45 | 44 | 45 | 45 | 44 | 45 | 41 | 41 | 42 |
| Regional | 34 | 35 | 34 | 35 | 35 | 34 | 30 | 30 | 31 |
| Distant | 15 | 15 | 15 | 15 | 15 | 14 | 20 | 21 | 18 |
| Unstaged | 6 | 6 | 7 | 6 | 5 | 7 | 9 | 8 | 9 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 65.4 | 62.8 | 68.4 | 66.7 | 64.5 | 69.2 | 57.0 | 54.2 ^e | 60.4 ^e |
| 45-54 | 69.3 | 67.5 | 72.1 | 70.1 | 67.9 | 73.5 | 64.7 | 66.1 | 62.4 ^e |
| 55-64 | 67.3 | 66.7 | 68.2 | 67.5 | 67.3 | 67.8 | 61.9 | 56.8 | 68.5 |
| 65-74 | 67.0 | 65.2 | 69.6 | 67.2 | 64.8 | 70.6 | 50.2 | 48.9 ^e | 50.1 |
| 75+ | 56.4 | 57.1 | 55.9 | 57.4 | 58.3 | 56.6 | 43.1 | 39.2 ^e | 45.4 ^e |
| Under 65 | 67.6 | 66.3 | 69.5 | 68.2 | 67.1 | 69.9 | 61.9 | 59.7 | 64.7 |
| 65 and over | 62.4 | 62.2 | 62.5 | 62.8 | 62.4 | 63.3 | 47.3 | 45.5 | 48.6 |

a

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

b

Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

c

Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

d

The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

e

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

f

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

-

Statistic could not be calculated.

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

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

| | All Races, Females | | | White Females | | | Black Females | | |
|--|--------------------|-------------------|-------------------|-------------------|-------|-------------------|-------------------|-------------------|-------------------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 73 | - | - | 31 | - | - |
| 1970-1973 ^a | - | - | - | 81 | - | - | 44 | - | - |
| 1974-1976 ^b | 87.9 | 92.2 | 87.4 | 88.8 | 92.9 | 88.3 | 61.5 | 84.0 ^e | 56.6 |
| 1977-1979 ^b | 85.0 | 92.2 | 84.1 | 86.3 | 93.0 | 85.5 | 57.8 | 82.5 ^e | 52.1 |
| 1980-1982 ^b | 81.6 | 91.1 | 80.4 | 82.8 | 92.4 | 81.7 | 55.0 | 85.3 ^e | 50.1 |
| 1983-1985 ^b | 82.9 | 92.5 | 81.6 | 84.5 | 93.3 | 83.4 | 54.6 | 81.2 ^e | 50.6 |
| 1986-1988 ^b | 83.0 | 92.5 | 81.5 | 84.5 | 92.6 | 83.3 | 57.0 | 86.4 | 51.8 |
| 1989-1991 ^b | 83.8 | 88.7 | 83.1 | 85.7 | 90.9 | 84.9 | 57.9 | 72.3 ^e | 55.1 |
| 1992-1994 ^b | 84.3 | 90.1 | 83.2 | 86.3 | 91.6 | 85.4 | 55.9 | 80.7 | 49.9 |
| 1995-2001 ^b | 84.4 ^d | 89.3 ^d | 83.5 ^d | 86.2 ^d | 90.7 | 85.5 ^d | 61.8 | 77.2 | 58.4 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 84.4 | 89.3 | 83.5 | 86.2 | 90.7 | 85.5 | 61.8 | 77.2 | 58.4 |
| Localized | 96.1 | 96.5 | 96.0 | 96.8 | 97.3 | 96.8 | 85.3 | 88.8 | 84.2 |
| Regional | 66.3 | 80.2 | 63.6 | 69.2 | 83.7 | 66.6 | 40.0 | 54.9 ^e | 37.2 |
| Distant | 25.2 | 36.1 | 23.3 | 27.0 | 36.1 | 25.5 | 14.9 | - | 13.4 |
| Unstaged | 57.3 | 83.1 | 52.5 | 57.5 | 86.8 | 52.8 | 52.7 ^e | - | 47.7 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 84.8 | 88.6 | 84.0 | 86.6 | 90.1 | 86.0 | 60.9 | 72.5 | 57.8 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 20,281 | 3,018 | 17,263 | 17,497 | 2,321 | 15,176 | 1,318 | 232 | 1,086 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 72 | 73 | 71 | 73 | 73 | 73 | 54 | 65 | 52 |
| Regional | 16 | 16 | 16 | 16 | 16 | 15 | 22 | 19 | 23 |
| Distant | 8 | 7 | 8 | 8 | 7 | 8 | 16 | 8 | 18 |
| Unstaged | 4 | 4 | 4 | 4 | 4 | 4 | 7 | 8 | 7 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 89.7 | - | - | 90.0 | - | - | 80.9 | - | - |
| 45-54 | 90.1 | - | - | 91.6 | - | - | 76.4 | - | - |
| 55-64 | 88.3 | - | - | 90.8 | - | - | 62.0 | - | - |
| 65-74 | 82.2 | - | - | 84.5 | - | - | 53.5 | - | - |
| 75+ | 73.4 | - | - | 75.5 | - | - | 45.5 | - | - |
| Under 65 | 89.2 | - | - | 91.0 | - | - | 70.5 | - | - |
| 65 and over | 78.7 | - | - | 80.8 | - | - | 50.8 | - | - |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table VIII-4
ESOPHAGUS CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 4 | 4 | 6 | 1 | 0 | 2 |
| 1970-1973 ^a | - | - | - | 4 | 4 | 4 | 4 | 4 | 3 |
| 1974-1976 ^b | 4.7 | 3.7 | 7.2 | 5.3 | 4.5 | 6.8 | 3.6 | 1.7 | 9.0 |
| 1977-1979 ^b | 5.2 | 4.9 | 5.9 | 5.8 | 5.8 | 5.7 | 2.8 | 2.3 | 4.2 |
| 1980-1982 ^b | 6.7 | 5.9 | 8.4 | 7.3 | 6.4 | 9.0 | 5.4 | 4.6 | 7.3 |
| 1983-1985 ^b | 8.1 | 6.7 | 11.8 | 9.2 | 7.5 | 13.2 | 5.9 | 4.7 | 9.4 |
| 1986-1988 ^b | 9.8 | 10.0 | 9.4 | 10.7 | 11.2 | 9.3 | 7.2 | 7.0 | 7.6 |
| 1989-1991 ^b | 11.0 | 10.8 | 11.4 | 11.8 | 11.9 | 11.5 | 8.8 | 7.9 | 10.3 |
| 1992-1994 ^b | 14.1 | 13.8 | 14.7 | 15.3 | 14.9 | 16.4 | 9.7 | 10.3 | 8.3 |
| 1995-2001 ^b | 14.9 ^d | 14.8 ^d | 15.1 ^d | 16.2 ^d | 16.1 ^d | 16.4 ^d | 9.6 ^d | 8.6 ^d | 11.6 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 14.9 | 14.8 | 15.1 | 16.2 | 16.1 | 16.4 | 9.6 | 8.6 | 11.6 |
| Localized | 31.4 | 32.0 | 29.3 | 35.2 | 36.5 | 31.0 | 15.6 | 11.9 | 23.5 ^e |
| Regional | 13.8 | 13.0 | 16.2 | 14.6 | 13.8 | 16.9 | 12.1 | 10.7 | 14.8 ^e |
| Distant | 2.7 | 2.8 | 1.9 | 2.5 | 2.5 | 2.5 | 2.1 | 2.3 | 0.0 |
| Unstaged | 11.0 | 11.6 | 9.7 | 11.2 | 11.5 | 10.7 | 9.7 | 11.6 | 7.0 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 16.0 | 16.1 | 15.7 | 17.1 | 17.1 | 17.1 | 11.6 | 12.0 | 10.6 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 6,451 | 4,905 | 1,546 | 5,182 | 3,974 | 1,208 | 873 | 608 | 265 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 26 | 26 | 27 | 27 | 26 | 28 | 25 | 25 | 26 |
| Regional | 30 | 31 | 27 | 30 | 31 | 27 | 27 | 28 | 25 |
| Distant | 28 | 29 | 24 | 27 | 29 | 22 | 30 | 32 | 27 |
| Unstaged | 16 | 14 | 22 | 16 | 14 | 23 | 18 | 16 | 22 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 22.0 | 19.7 | 31.1 ^e | 20.7 | 17.4 | 41.3 ^f | 23.2 ^e | 25.4 ^e | - |
| 45-54 | 17.4 | 17.4 | 16.4 | 20.2 | 20.4 | 18.8 ^e | 10.4 | 8.9 | 15.1 ^e |
| 55-64 | 16.3 | 15.8 | 18.1 | 17.9 | 17.3 | 20.9 | 12.1 | 10.6 | 15.9 |
| 65-74 | 14.8 | 13.9 | 17.3 | 16.2 | 15.2 | 19.1 | 4.4 | 2.6 | 7.3 |
| 75+ | 9.4 | 9.3 | 9.2 | 10.3 | 10.4 | 9.6 | 3.4 | - | 5.2 |
| Under 65 | 17.2 | 16.8 | 19.2 | 18.9 | 18.4 | 22.0 | 12.9 | 11.5 | 16.6 |
| 65 and over | 12.8 | 12.6 | 13.3 | 13.9 | 13.6 | 14.3 | 4.3 | 2.6 | 6.4 |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.
^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).
^e The standard error of the survival rate is between 5 and 10 percentage points.
^f The standard error of the survival rate is greater than 10 percentage points.
- 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 ^a | - | - | - | 40 | 34 | 48 | - | - | - |
| 1970-1973 ^a | - | - | - | 67 | 66 | 69 | - | - | - |
| 1974-1976 ^b | 71.2 | 69.7 | 73.1 | 71.6 | 69.8 | 73.8 | 68.6 | 71.3 ^e | 61.9 ^e |
| 1977-1979 ^b | 73.2 | 70.9 | 76.3 | 73.3 | 70.9 | 76.5 | 72.7 | 71.8 ^e | 73.5 ^e |
| 1980-1982 ^b | 74.5 | 74.0 | 75.2 | 75.0 | 74.6 | 75.5 | 71.4 | 73.4 ^e | 68.2 ^e |
| 1983-1985 ^b | 78.8 | 77.6 | 80.4 | 79.0 | 77.9 | 80.3 | 77.5 | 73.3 ^e | 85.3 ^e |
| 1986-1988 ^b | 79.5 | 77.2 | 82.4 | 80.1 | 77.6 | 83.3 | 72.2 | 74.1 ^e | 69.8 ^e |
| 1989-1991 ^b | 81.5 | 79.0 | 84.6 | 82.7 | 80.5 | 85.4 | 73.4 | 65.8 ^e | 81.5 |
| 1992-1994 ^b | 83.5 | 80.7 | 86.6 | 84.3 | 81.9 | 86.9 | 76.6 | 71.9 | 81.2 |
| 1995-2001 ^b | 85.3 ^d | 83.8 ^d | 87.0 ^d | 86.0 ^d | 84.6 ^d | 87.7 ^d | 80.4 ^d | 77.8 | 83.3 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 85.8 | 84.4 | 87.4 | 86.3 | 85.3 | 87.5 | 81.1 | 76.5 | 87.1 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 91.2 | 89.6 | 93.0 | 92.4 | 90.6 | 94.5 | 83.3 | 82.7 | 83.5 |
| 45-54 | 82.1 | 76.9 | 89.9 | 84.2 | 79.4 | 91.9 | 66.8 ^e | 53.5 ^f | 80.4 ^e |
| 55-64 | 72.8 | 72.0 | 73.2 | 73.9 | 73.3 | 74.1 | 74.7 ^f | - | - |
| 65-74 | 58.9 | 59.2 ^e | 58.1 ^e | 56.9 | 56.6 ^e | 56.8 ^e | - | - | - |
| 75+ | 46.2 | 52.4 ^e | 38.8 ^e | 47.3 ^e | 53.6 ^e | 39.9 ^e | - | - | - |
| Under 65 | 88.6 | 86.3 | 91.4 | 89.8 | 87.4 | 92.8 | 81.0 | 78.3 | 84.0 |
| 65 and over | 53.5 | 57.1 | 49.7 | 52.7 | 55.9 | 49.4 | - | - | - |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table X-5
 KAPOSI SARCOMA (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | - | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | - | - | - | - | - | - |
| 1974-1976 ^b | 83.3 ^e | 83.5 ^e | - | 81.5 ^e | 81.9 ^e | - | - | - | - |
| 1977-1979 ^b | 86.6 ^e | 84.9 ^e | 84.1 ^f | 85.8 ^e | 83.4 ^e | 85.6 ^f | - | - | - |
| 1980-1982 ^b | 49.5 | 47.4 | 61.3 ^f | 48.9 | 47.0 | 59.2 ^f | - | - | - |
| 1983-1985 ^b | 16.0 | 14.3 | 82.6 ^f | 15.6 | 13.7 | 80.9 ^f | 20.9 ^e | 19.5 ^e | - |
| 1986-1988 ^b | 10.0 | 9.2 | 77.8 ^f | 9.7 | 9.0 | 76.4 ^f | 13.1 | 12.1 | - |
| 1989-1991 ^b | 8.9 | 8.4 | 50.4 ^e | 8.5 | 8.0 | 55.4 ^f | 13.3 | 12.4 | - |
| 1992-1994 ^b | 12.8 | 12.3 | 43.1 ^e | 13.2 | 12.7 | 47.7 ^e | 10.9 | 10.1 | - |
| 1995-2001 ^b | 45.2 ^d | 44.8 ^d | 52.7 ^e | 49.1 ^d | 48.3 ^d | 65.2 ^f | 34.0 | 34.1 | 34.5 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 54.3 | 53.8 | 58.1 | 61.3 | 60.1 | 69.4 | 40.4 | 41.2 | - |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 41.3 | 41.6 | 18.0 ^f | 45.4 | 45.4 | - | 32.3 | 33.1 | - |
| 45-54 | 45.7 | 45.9 | - | 47.1 | 46.9 | - | 38.8 ^e | 38.9 ^e | - |
| 55-64 | 60.0 ^e | 58.2 ^e | - | 57.6 ^e | 56.5 ^e | - | - | - | - |
| 65-74 | 78.8 ^e | 78.2 ^e | - | 84.3 ^e | 82.2 ^e | - | - | - | - |
| 75+ | 79.8 ^e | 85.6 ^f | 71.5 ^f | 81.1 ^e | 87.6 ^f | 68.2 ^f | - | - | - |
| Under 65 | 43.0 | 43.1 | 34.0 ^e | 46.4 | 46.2 | - | 33.6 | 34.1 | - |
| 65 and over | 78.9 ^e | 82.5 ^e | 70.5 ^f | 82.1 ^e | 85.4 ^e | 70.4 ^f | - | - | - |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

^f 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 |
| 5-YR RELATIVE SURVIVAL RATES | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 37 | 36 | 39 | 38 | 38 | 37 |
| 1970-1973 ^a | - | - | - | 46 | 44 | 50 | 44 | 40 | 49 |
| 1974-1976 ^b | 51.6 | 51.0 | 52.6 | 51.7 | 51.0 | 52.9 | 49.0 | 49.8 | 47.3 ^e |
| 1977-1979 ^b | 51.1 | 51.2 | 50.9 | 51.1 | 51.5 | 50.3 | 51.7 | 44.6 | 60.4 ^e |
| 1980-1982 ^b | 51.7 | 52.1 | 51.0 | 51.1 | 52.0 | 49.7 | 56.0 | 53.5 | 59.8 ^e |
| 1983-1985 ^b | 55.7 | 56.5 | 54.3 | 55.8 | 56.7 | 54.1 | 55.3 | 54.7 | 55.6 |
| 1986-1988 ^b | 56.9 | 57.3 | 56.3 | 57.6 | 58.2 | 56.7 | 53.5 | 51.9 | 55.3 |
| 1989-1991 ^b | 60.1 | 60.6 | 59.3 | 60.9 | 61.8 | 59.3 | 57.9 | 54.5 | 62.4 |
| 1992-1994 ^b | 62.5 | 62.1 | 63.0 | 63.0 | 62.9 | 63.3 | 60.4 | 58.6 | 62.8 |
| 1995-2001 ^b | 64.6 ^d | 64.3 ^d | 65.0 ^d | 64.7 ^d | 64.7 ^d | 64.5 ^d | 63.6 ^d | 61.8 ^d | 65.9 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 64.6 | 64.3 | 65.0 | 64.7 | 64.7 | 64.5 | 63.6 | 61.8 | 65.9 |
| Localized | 90.6 | 90.4 | 90.9 | 91.0 | 90.8 | 91.4 | 86.4 | 85.6 | 87.2 |
| Regional | 60.3 | 61.4 | 58.1 | 60.7 | 61.9 | 58.3 | 54.9 | 57.8 ^e | 51.2 ^e |
| Distant | 9.7 | 9.9 | 9.2 | 9.6 | 10.2 | 8.6 | 10.1 | 7.8 | 13.1 |
| Unstaged | 32.2 | 36.5 | 26.6 | 31.4 | 37.5 | 22.7 | 28.2 ^e | 18.1 ^e | 39.1 ^e |
| 5-YR PERIOD SURVIVAL RATES^{bc} | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 66.2 | 65.0 | 67.9 | 66.4 | 65.3 | 68.1 | 64.0 | 62.5 | 65.6 |
| STAGE DISTRIBUTION (%) 1995-2001^b | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 15,573 | 9,551 | 6,022 | 12,984 | 8,025 | 4,959 | 1,603 | 901 | 702 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 53 | 52 | 55 | 53 | 52 | 54 | 58 | 58 | 59 |
| Regional | 20 | 21 | 19 | 21 | 21 | 19 | 16 | 15 | 17 |
| Distant | 22 | 22 | 21 | 22 | 22 | 21 | 19 | 21 | 17 |
| Unstaged | 5 | 5 | 6 | 5 | 5 | 6 | 7 | 7 | 7 |
| 5-YR RELATIVE SURVIVAL RATES, 1995-2001^b | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 80.0 | 78.2 | 82.3 | 81.8 | 80.4 | 83.9 | 72.1 | 67.9 | 76.5 |
| 45-54 | 69.4 | 65.6 | 77.9 | 69.7 | 66.6 | 76.8 | 65.9 | 59.2 | 77.1 |
| 55-64 | 63.8 | 62.6 | 66.2 | 64.1 | 62.9 | 66.4 | 62.2 | 59.1 | 66.4 ^e |
| 65-74 | 62.3 | 62.6 | 61.7 | 62.0 | 61.8 | 62.0 | 59.9 | 64.1 ^e | 54.6 ^e |
| 75+ | 51.5 | 55.3 | 47.7 | 52.4 | 57.0 | 47.7 | 45.8 ^e | 48.2 ^e | 44.8 ^e |
| Under 65 | 69.5 | 66.9 | 74.3 | 69.8 | 67.6 | 74.2 | 66.8 | 61.8 | 73.8 |
| 65 and over | 58.2 | 60.3 | 55.5 | 58.4 | 60.4 | 55.6 | 55.6 | 59.9 | 51.1 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XII-4
LARYNX CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 53 | 54 | 46 | - | - | - |
| 1970-1973 ^a | - | - | - | 62 | 63 | 56 | - | - | - |
| 1974-1976 ^b | 65.6 | 65.4 | 67.1 | 66.3 | 66.0 | 67.5 | 59.9 | 59.1 | 63.6 ^e |
| 1977-1979 ^b | 67.0 | 67.9 | 62.9 | 68.3 | 69.4 | 62.5 | 55.8 | 54.0 | 63.0 ^e |
| 1980-1982 ^b | 68.0 | 67.8 | 68.7 | 69.1 | 68.8 | 70.3 | 58.5 | 59.7 | 51.8 ^e |
| 1983-1985 ^b | 67.0 | 68.2 | 61.8 | 68.4 | 69.5 | 63.5 | 55.2 | 56.4 | 51.0 ^e |
| 1986-1988 ^b | 66.7 | 67.4 | 63.9 | 68.7 | 69.8 | 64.1 | 53.8 | 52.2 | 59.2 ^e |
| 1989-1991 ^b | 65.8 | 66.9 | 61.3 | 67.0 | 68.2 | 62.3 | 55.5 | 55.6 | 55.1 ^e |
| 1992-1994 ^b | 64.5 | 65.9 | 58.6 | 66.3 | 67.8 | 60.7 | 54.1 | 56.1 | 46.1 ^e |
| 1995-2001 ^b | 65.6 | 67.3 | 59.3 ^d | 67.9 | 69.5 ^d | 61.9 | 51.2 | 53.3 | 45.2 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 65.6 | 67.3 | 59.3 | 67.9 | 69.5 | 61.9 | 51.2 | 53.3 | 45.2 |
| Localized | 83.8 | 85.6 | 76.3 | 85.8 | 87.8 | 77.1 | 68.5 | 69.6 | 64.8 ^e |
| Regional | 49.9 | 50.7 | 47.3 | 51.0 | 51.2 | 50.0 | 43.6 | 45.9 | 36.5 ^e |
| Distant | 18.5 | 20.2 | 9.9 ^e | 18.7 | 20.9 | 0.0 | 19.1 ^e | 16.9 ^e | - |
| Unstaged | 57.1 | 62.9 ^e | 42.5 ^e | 59.6 ^e | 63.5 ^e | 48.6 ^e | 39.6 ^f | - | - |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 64.7 | 66.0 | 60.1 | 67.7 | 68.6 | 64.0 | 48.3 | 51.1 | 40.7 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 5,695 | 4,512 | 1,183 | 4,625 | 3,678 | 947 | 810 | 617 | 193 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 48 | 49 | 44 | 50 | 51 | 46 | 37 | 37 | 34 |
| Regional | 45 | 44 | 48 | 43 | 42 | 47 | 55 | 55 | 55 |
| Distant | 4 | 4 | 3 | 3 | 4 | 3 | 6 | 6 | 5 |
| Unstaged | 3 | 3 | 5 | 4 | 3 | 5 | 3 | 2 | 6 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 68.1 | 66.0 | 72.6 ^e | 73.0 | 71.1 | 77.3 ^e | 50.1 ^e | 48.6 ^e | - |
| 45-54 | 68.2 | 68.8 | 65.2 | 72.7 | 73.4 | 69.1 ^e | 50.0 | 49.8 ^e | 51.1 ^e |
| 55-64 | 66.9 | 67.8 | 63.8 | 68.1 | 68.3 | 67.2 | 62.1 | 65.2 | 53.9 ^e |
| 65-74 | 65.9 | 69.3 | 53.7 | 68.1 | 71.1 | 56.2 | 44.1 | 49.9 ^e | 28.5 ^e |
| 75+ | 58.5 | 61.7 | 48.5 ^e | 60.1 | 63.8 | 49.2 ^e | 40.0 ^e | 39.0 ^f | - |
| Under 65 | 67.5 | 68.0 | 65.6 | 70.2 | 70.4 | 69.5 | 55.7 | 56.7 | 52.5 ^e |
| 65 and over | 63.6 | 67.0 | 52.0 | 65.6 | 69.0 | 54.0 | 43.1 | 47.1 ^e | 31.7 ^e |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XIII-8
LEUKEMIA

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 14 | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | 22 | - | - | - | - | - |
| 1974-1976 ^b | 34.4 | 33.2 | 36.0 | 35.2 | 33.9 | 36.8 | 31.1 | 31.9 | 30.1 |
| 1977-1979 ^b | 37.4 | 36.6 | 38.3 | 38.2 | 37.4 | 39.1 | 30.5 | 29.1 | 31.9 |
| 1980-1982 ^b | 38.8 | 38.5 | 39.2 | 39.5 | 39.6 | 39.5 | 33.2 | 30.4 | 36.7 |
| 1983-1985 ^b | 40.8 | 40.2 | 41.5 | 42.1 | 41.7 | 42.7 | 33.5 | 32.3 | 35.0 |
| 1986-1988 ^b | 43.4 | 44.5 | 42.0 | 44.5 | 45.8 | 42.6 | 37.9 | 36.2 | 39.7 |
| 1989-1991 ^b | 45.1 | 44.9 | 45.3 | 46.5 | 46.9 | 45.8 | 34.8 | 29.8 | 40.5 |
| 1992-1994 ^b | 47.9 | 49.0 | 46.4 | 49.5 | 50.7 | 48.0 | 39.9 | 38.5 | 41.2 |
| 1995-2001 ^b | 47.6 ^d | 48.3 ^d | 46.7 ^d | 49.1 ^d | 49.6 ^d | 48.4 ^d | 38.1 | 39.2 | 36.9 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 47.1 | 47.8 | 46.2 | 48.9 | 49.6 | 47.8 | 35.5 | 35.0 | 36.0 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 63.4 | 63.0 | 64.0 | 65.8 | 65.4 | 66.4 | 48.9 | 48.4 | 49.5 |
| 45-54 | 54.8 | 56.4 | 52.4 | 57.1 | 57.8 | 55.9 | 43.1 | 45.4 ^e | 41.0 ^e |
| 55-64 | 51.8 | 51.7 | 51.8 | 54.7 | 54.7 | 54.5 | 30.2 | 22.5 ^e | 38.2 ^e |
| 65-74 | 40.7 | 39.7 | 42.1 | 42.7 | 41.2 | 44.8 | 29.5 | 32.0 ^e | 27.3 ^e |
| 75+ | 28.3 | 27.4 | 29.1 | 29.6 | 28.2 | 30.6 | 21.6 | 23.8 ^e | 18.0 ^e |
| Under 65 | 58.2 | 58.2 | 58.1 | 60.4 | 60.2 | 60.7 | 43.9 | 43.1 | 44.9 |
| 65 and over | 34.7 | 34.5 | 34.9 | 36.2 | 35.7 | 36.8 | 26.5 | 30.2 | 22.8 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table XIII-9
LYMPHOCYTIC LEUKEMIA

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| ACUTE LYMPHOCYTIC LEUKEMIA | | | | | | | | | |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1974-1976 ^a | 38.3 | 34.2 | 43.9 | 38.6 | 34.3 | 44.7 | 27.7 ^d | - | - |
| 1977-1979 ^a | 51.2 | 47.8 | 55.7 | 52.1 | 49.5 | 55.6 | 40.9 ^d | - | - |
| 1980-1982 ^a | 53.2 | 49.4 | 58.2 | 53.3 | 49.7 | 58.4 | 39.4 ^d | 34.0 ^d | 44.6 ^e |
| 1983-1985 ^a | 51.1 | 48.0 | 55.1 | 52.4 | 49.2 | 56.5 | 35.0 ^d | 37.5 ^d | - |
| 1986-1988 ^a | 55.3 | 53.7 | 57.6 | 55.6 | 53.7 | 58.4 | 46.9 ^d | 41.2 ^d | 50.9 ^d |
| 1989-1991 ^a | 58.8 | 57.4 | 60.6 | 59.6 | 58.7 | 60.6 | 49.5 ^d | 52.8 ^d | 46.3 ^d |
| 1992-1994 ^a | 60.2 | 56.6 | 65.1 | 59.8 | 56.6 | 64.2 | 57.1 ^d | 49.0 ^d | 64.5 ^d |
| 1995-2001 ^a | 64.6 ^c | 64.1 ^c | 65.3 ^c | 65.9 ^c | 65.2 ^c | 66.7 ^c | 54.4 ^c | 54.2 ^d | 54.8 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 62.9 | 62.5 | 63.6 | 64.9 | 64.7 | 65.2 | 48.8 | 46.7 | 52.0 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 74.4 | 73.1 | 76.1 | 76.3 | 75.0 | 77.9 | 60.3 | 58.8 ^d | 62.7 ^d |
| 45-54 | 27.9 | 25.0 ^d | 32.7 ^d | 26.2 | 23.6 ^d | 31.8 ^d | - | - | - |
| 55-64 | 19.8 | 18.8 ^d | 20.3 ^d | 19.6 ^d | 20.1 ^d | 18.4 ^d | - | - | - |
| 65-74 | 8.6 | 5.7 | 11.7 ^d | 10.6 | 6.9 | 14.8 ^d | - | - | - |
| 75+ | 7.3 | 5.6 ^d | 7.5 ^d | 6.5 | - | 8.8 ^d | - | - | - |
| Under 65 | 68.7 | 67.4 | 70.6 | 70.2 | 68.7 | 72.2 | 56.2 | 55.0 ^d | 58.1 ^d |
| 65 and over | 7.9 | 5.7 | 9.6 | 8.6 | 4.8 | 11.6 | - | - | - |
| CHRONIC LYMPHOCYTIC LEUKEMIA | | | | | | | | | |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1974-1976 ^a | 68.2 | 65.6 | 71.6 | 68.5 | 65.6 | 72.3 | 62.8 ^d | 63.8 ^d | 61.0 ^d |
| 1977-1979 ^a | 70.2 | 68.4 | 72.3 | 71.3 | 69.3 | 73.9 | 51.2 ^d | 53.3 ^d | 48.4 ^d |
| 1980-1982 ^a | 68.5 | 67.9 | 69.5 | 69.3 | 69.2 | 69.4 | 58.4 ^d | 51.6 ^d | 70.1 ^d |
| 1983-1985 ^a | 73.6 | 72.0 | 75.7 | 74.0 | 72.4 | 76.2 | 68.0 ^d | 72.4 | 66.3 ^d |
| 1986-1988 ^a | 73.7 | 72.6 | 75.3 | 74.6 | 73.8 | 75.8 | 64.8 | 61.7 ^d | 69.5 ^d |
| 1989-1991 ^a | 73.5 | 72.6 | 74.8 | 74.7 | 73.6 | 76.0 | 56.1 | 51.2 ^d | 61.3 ^d |
| 1992-1994 ^a | 76.5 | 77.6 | 75.0 | 77.9 | 79.3 | 76.0 | 56.7 ^d | 52.9 ^d | 62.2 ^d |
| 1995-2001 ^a | 74.2 ^c | 73.0 ^c | 76.0 | 75.5 ^c | 74.3 ^c | 77.1 | 57.5 | 53.8 ^d | 62.2 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 73.9 | 72.6 | 75.5 | 75.2 | 73.9 | 76.7 | 55.9 | 51.3 | 61.1 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 83.7 | 84.9 | 80.6 ^d | 87.0 | 86.5 | 88.5 ^d | - | - | - |
| 45-54 | 84.2 | 83.1 | 86.4 | 86.0 | 84.8 | 88.3 | 68.1 ^d | 61.2 ^e | - |
| 55-64 | 83.7 | 79.5 | 91.8 | 85.8 | 82.8 | 91.6 | 57.7 ^d | 38.3 ^e | 89.8 ^d |
| 65-74 | 75.8 | 72.3 | 80.9 | 76.8 | 72.7 | 82.6 | 58.7 ^d | 59.4 ^d | 59.7 ^e |
| 75+ | 59.5 | 57.3 | 61.1 | 60.5 | 57.5 | 62.6 | 44.9 ^d | 48.4 ^e | 37.2 ^e |
| Under 65 | 83.9 | 81.4 | 89.1 | 86.0 | 84.0 | 90.3 | 61.5 ^d | 49.3 ^d | 79.8 ^d |
| 65 and over | 68.4 | 66.7 | 70.3 | 69.3 | 67.0 | 71.7 | 54.1 ^d | 57.9 ^d | 50.0 ^d |

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^b Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^c The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XIII-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 ^a | 6.0 | 5.5 | 6.4 | 6.1 | 6.1 | 6.2 | 7.1 | 2.6 | 10.5 |
| 1977-1979 ^a | 8.5 | 7.7 | 9.5 | 7.7 | 6.6 | 8.9 | 15.5 | 14.8 ^d | 16.2 ^d |
| 1980-1982 ^a | 8.6 | 7.6 | 9.9 | 7.9 | 6.2 | 9.9 | 11.0 | 13.9 ^d | 7.9 |
| 1983-1985 ^a | 11.3 | 10.7 | 12.0 | 10.9 | 10.5 | 11.4 | 9.9 | 9.1 | 10.5 |
| 1986-1988 ^a | 11.7 | 9.2 | 14.4 | 11.7 | 9.7 | 13.8 | 10.8 | 4.8 | 16.7 |
| 1989-1991 ^a | 13.7 | 11.9 | 15.8 | 13.1 | 11.9 | 14.5 | 12.0 | 7.9 | 17.6 ^d |
| 1992-1994 ^a | 17.7 | 16.6 | 18.9 | 17.7 | 16.3 | 19.4 | 16.1 | 17.0 ^d | 15.1 |
| 1995-2001 ^a | 19.8 ^c | 18.8 ^c | 20.9 ^c | 19.2 ^c | 17.9 ^c | 20.6 ^c | 22.2 ^c | 25.5 ^c | 19.2 |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 20.9 | 20.4 | 21.4 | 21.0 | 20.6 | 21.4 | 19.4 | 20.0 | 18.8 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 45.5 | 44.0 | 47.1 | 46.4 | 44.9 | 48.2 | 39.3 | 42.4 ^d | 35.7 ^d |
| 45-54 | 26.0 | 25.9 | 26.2 | 26.5 | 24.3 | 29.3 | 20.3 ^d | 23.8 ^d | 15.7 ^d |
| 55-64 | 17.4 | 13.9 | 21.1 | 17.9 | 14.0 | 22.1 | 10.4 ^d | - | - |
| 65-74 | 5.3 | 4.0 | 6.8 | 5.7 | 4.0 | 7.4 | 3.7 | 6.1 ^d | - |
| 75+ | 1.9 | 1.2 | 2.4 | 1.5 | 1.0 | 1.9 | 3.1 | - | 5.1 |
| Under 65 | 33.1 | 31.2 | 35.2 | 33.0 | 30.4 | 36.2 | 30.4 | 33.2 | 27.4 |
| 65 and over | 3.7 | 2.8 | 4.5 | 3.7 | 2.7 | 4.4 | 3.6 | 3.3 | 4.2 |
| CHRONIC MYELOID LEUKEMIA | | | | | | | | | |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1974-1976 ^a | 22.6 | 19.7 | 26.5 | 22.2 | 18.6 | 27.0 | 24.8 ^d | 27.8 ^d | 20.1 ^d |
| 1977-1979 ^a | 23.7 | 22.3 | 25.6 | 23.3 | 22.4 | 24.5 | 25.3 ^d | 18.4 ^d | 33.5 ^d |
| 1980-1982 ^a | 31.1 | 28.2 | 34.1 | 32.1 | 30.4 | 33.8 | 26.5 ^d | 18.2 ^d | 36.4 ^d |
| 1983-1985 ^a | 24.6 | 21.9 | 28.2 | 25.3 | 22.3 | 29.2 | 23.2 | 20.6 ^d | 26.1 ^d |
| 1986-1988 ^a | 29.1 | 29.5 | 28.6 | 28.7 | 29.3 | 27.8 | 37.3 ^d | 32.7 ^d | 42.3 ^d |
| 1989-1991 ^a | 33.0 | 30.7 | 36.1 | 33.1 | 32.2 | 34.1 | 32.4 ^d | 20.3 ^d | 47.1 ^d |
| 1992-1994 ^a | 36.5 | 36.5 | 36.5 | 36.7 | 36.9 | 36.5 | 39.3 ^d | 36.9 ^d | 43.2 ^d |
| 1995-2001 ^a | 39.0 ^c | 38.3 ^c | 40.1 ^c | 39.0 ^c | 37.6 ^c | 41.2 ^c | 34.8 | 33.9 ^d | 35.3 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 39.3 | 37.1 | 42.6 | 38.6 | 36.0 | 42.6 | 40.5 | 38.7 | 42.1 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 59.4 | 56.1 | 65.6 | 60.3 | 55.9 | 68.7 | 52.0 ^d | 45.8 ^d | 61.3 ^e |
| 45-54 | 54.1 | 48.1 | 60.8 | 54.4 | 47.5 | 62.2 | 49.4 ^d | - | - |
| 55-64 | 44.8 | 46.5 | 42.7 ^d | 48.1 | 48.0 | 49.4 ^d | 8.1 ^d | - | - |
| 65-74 | 25.1 | 25.2 | 25.1 | 25.7 | 25.4 | 26.3 | 17.3 ^d | 19.4 ^e | - |
| 75+ | 14.5 | 12.7 | 16.4 | 14.5 | 11.5 | 17.0 | 16.5 ^e | - | - |
| Under 65 | 53.8 | 51.4 | 57.7 | 55.0 | 51.3 | 60.9 | 42.9 ^d | 40.8 ^d | 44.9 ^d |
| 65 and over | 20.1 | 19.8 | 20.3 | 20.3 | 19.6 | 21.2 | 18.1 ^d | 18.8 ^d | 15.8 ^d |

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^b Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^c The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

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

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

| | All Races | | | Whites | | | Blacks | | |
|--|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | - | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | - | - | - | - | - | - |
| 1974-1976 ^b | 3.8 | 2.4 | 6.1 | 4.4 | 2.7 | 6.9 | 1.0 | 0.0 | 3.3 |
| 1977-1979 ^b | 3.7 | 2.1 | 6.6 | 3.3 | 2.1 | 5.2 | 4.8 | 3.3 | 8.5 ^e |
| 1980-1982 ^b | 3.4 | 2.6 | 4.8 | 3.8 | 2.9 | 5.1 | 1.5 | 2.2 | 0.0 |
| 1983-1985 ^b | 5.7 | 4.2 | 8.8 | 6.0 | 4.5 | 8.6 | 3.9 | 1.1 | 10.9 ^e |
| 1986-1988 ^b | 6.1 | 4.0 | 10.1 | 6.9 | 4.4 | 11.0 | 5.7 | 4.6 | 7.4 |
| 1989-1991 ^b | 5.1 | 3.9 | 7.4 | 5.7 | 4.0 | 8.6 | 2.3 | 1.3 | 3.9 |
| 1992-1994 ^b | 5.7 | 5.5 | 6.0 | 6.0 | 5.6 | 6.9 | 3.7 | 3.2 | 4.8 |
| 1995-2001 ^b | 9.0 ^d | 8.4 ^d | 10.1 ^d | 8.5 ^d | 7.4 ^d | 10.6 ^d | 5.1 ^d | 5.5 | 4.6 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 9.0 | 8.4 | 10.1 | 8.5 | 7.4 | 10.6 | 5.1 | 5.5 | 4.6 |
| Localized | 19.0 | 18.3 | 20.9 | 19.2 | 16.8 | 25.5 | 10.0 | 14.1 | 2.4 |
| Regional | 6.6 | 6.8 | 6.5 | 5.9 | 5.8 | 6.3 | 4.5 | 3.4 | 7.9 |
| Distant | 3.4 | 2.4 | 5.3 | 2.8 | 1.6 | 5.2 | 2.9 | 3.2 | 0.0 |
| Unstaged | 3.3 | 1.9 | 5.3 | 3.2 | 2.1 | 4.6 | 0.0 | 0.0 | 0.0 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 10.0 | 9.4 | 11.3 | 9.8 | 8.5 | 12.6 | 5.0 | 6.7 | 2.8 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 7,653 | 5,185 | 2,468 | 4,993 | 3,331 | 1,662 | 890 | 630 | 260 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 31 | 31 | 30 | 30 | 31 | 29 | 29 | 27 | 32 |
| Regional | 26 | 27 | 23 | 23 | 24 | 21 | 30 | 32 | 25 |
| Distant | 22 | 23 | 22 | 23 | 23 | 21 | 25 | 25 | 24 |
| Unstaged | 22 | 20 | 25 | 25 | 22 | 29 | 17 | 16 | 18 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 22.1 | 18.2 | 30.4 | 25.7 | 21.2 | 32.7 ^e | 14.1 | 11.8 ^e | - |
| 45-54 | 11.2 | 10.0 | 15.6 | 12.6 | 10.8 | 19.0 | 2.7 | - | 6.4 |
| 55-64 | 8.1 | 7.8 | 9.0 | 7.7 | 7.5 | 8.5 | 5.4 | 5.7 | - |
| 65-74 | 7.1 | 6.7 | 7.7 | 5.2 | 3.9 | 7.8 | 4.6 | 7.9 | - |
| 75+ | 4.6 | 4.2 | 5.0 | 4.4 | 3.2 | 5.4 | - | - | - |
| Under 65 | 11.9 | 10.5 | 16.3 | 12.7 | 10.8 | 18.4 | 5.8 | 4.9 | 8.9 |
| 65 and over | 6.1 | 6.0 | 6.3 | 4.8 | 3.7 | 6.5 | 3.3 | 6.4 | - |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table XV-7
LUNG AND BRONCHUS CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 8 | 7 | 11 | 5 | 5 | 6 |
| 1970-1973 ^a | - | - | - | 10 | 9 | 14 | 7 | 6 | 10 |
| 1974-1976 ^b | 12.4 | 11.1 | 15.8 | 12.5 | 11.1 | 16.0 | 11.4 | 10.9 | 13.0 |
| 1977-1979 ^b | 13.3 | 11.7 | 17.1 | 13.6 | 12.0 | 17.1 | 11.1 | 9.0 | 17.4 |
| 1980-1982 ^b | 13.4 | 12.0 | 16.1 | 13.5 | 12.1 | 16.2 | 12.1 | 10.9 | 15.6 |
| 1983-1985 ^b | 13.6 | 11.8 | 16.8 | 13.8 | 12.0 | 17.0 | 11.4 | 10.3 | 14.3 |
| 1986-1988 ^b | 13.3 | 12.0 | 15.4 | 13.5 | 12.0 | 15.9 | 11.8 | 12.0 | 11.6 |
| 1989-1991 ^b | 14.0 | 12.5 | 16.3 | 14.4 | 12.8 | 16.7 | 10.8 | 9.5 | 12.9 |
| 1992-1994 ^b | 14.7 | 12.9 | 17.1 | 15.1 | 13.3 | 17.4 | 11.9 | 10.5 | 14.3 |
| 1995-2001 ^b | 15.3 ^d | 13.6 ^d | 17.5 ^d | 15.5 ^d | 13.7 ^d | 17.7 ^d | 13.2 ^d | 11.6 | 15.6 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 15.3 | 13.6 | 17.5 | 15.5 | 13.7 | 17.7 | 13.2 | 11.6 | 15.6 |
| Localized | 49.5 | 45.1 | 53.9 | 49.9 | 45.6 | 54.1 | 43.8 | 40.2 | 48.3 |
| Regional | 16.2 | 15.2 | 17.4 | 16.4 | 15.4 | 17.6 | 14.7 | 13.4 | 16.6 |
| Distant | 2.1 | 1.9 | 2.3 | 2.0 | 1.8 | 2.3 | 1.6 | 1.6 | 1.6 |
| Unstaged | 8.5 | 8.3 | 8.8 | 8.2 | 7.9 | 8.5 | 10.5 | 10.2 | 10.9 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 15.7 | 13.6 | 18.2 | 15.8 | 13.6 | 18.4 | 13.7 | 12.1 | 15.7 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 87,586 | 49,297 | 38,289 | 72,852 | 40,131 | 32,721 | 9,189 | 5,649 | 3,540 |
| 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 | 38 | 38 |
| Distant | 39 | 40 | 38 | 39 | 40 | 38 | 41 | 42 | 39 |
| Unstaged | 8 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 7 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 22.0 | 19.9 | 24.4 | 24.7 | 23.4 | 26.1 | 14.4 | 11.3 | 18.8 |
| 45-54 | 18.7 | 15.5 | 23.0 | 19.1 | 15.5 | 23.7 | 16.1 | 14.6 | 18.6 |
| 55-64 | 17.6 | 15.4 | 20.5 | 17.9 | 15.8 | 20.7 | 14.1 | 11.9 | 17.9 |
| 65-74 | 15.4 | 13.6 | 17.6 | 15.6 | 13.7 | 17.9 | 12.4 | 11.1 | 14.1 |
| 75+ | 10.2 | 9.2 | 11.2 | 10.3 | 9.2 | 11.4 | 9.6 | 8.4 | 10.4 |
| Under 65 | 18.3 | 15.8 | 21.6 | 18.8 | 16.2 | 22.0 | 14.8 | 12.7 | 18.3 |
| 65 and over | 13.4 | 12.0 | 14.9 | 13.5 | 12.0 | 15.1 | 11.4 | 10.4 | 12.8 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

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

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

| | All Races | | | Whites | | | Blacks | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1974-1976 ^a | 3.6 | 2.9 | 5.1 | 3.6 | 2.8 | 5.1 | 3.3 | 3.5 | 3.0 |
| 1977-1979 ^a | 4.4 | 3.2 | 6.7 | 4.5 | 3.3 | 6.7 | 3.8 | 3.3 | 4.7 |
| 1980-1982 ^a | 4.7 | 3.8 | 6.2 | 4.8 | 4.0 | 6.2 | 3.9 | 2.9 | 6.4 |
| 1983-1985 ^a | 4.7 | 3.5 | 6.6 | 4.8 | 3.6 | 6.6 | 4.6 | 2.4 | 8.5 |
| 1986-1988 ^a | 5.0 | 3.9 | 6.5 | 5.2 | 4.0 | 6.8 | 3.9 | 3.4 | 4.5 |
| 1989-1991 ^a | 5.5 | 4.6 | 6.5 | 5.5 | 4.3 | 6.9 | 3.6 | 4.1 | 2.8 |
| 1992-1994 ^a | 6.2 | 4.8 | 7.8 | 6.2 | 4.8 | 7.7 | 5.5 | 3.8 | 7.5 |
| 1995-2001 ^a | 6.4 ^c | 5.6 ^c | 7.2 ^c | 6.4 ^c | 5.6 ^c | 7.3 ^c | 5.7 ^c | 5.1 ^c | 6.1 |
| 1995-2001 ^a | | | | | | | | | |
| All Stages | 6.4 | 5.6 | 7.2 | 6.4 | 5.6 | 7.3 | 5.7 | 5.1 | 6.1 |
| Localized | 21.3 | 20.7 | 21.6 | 20.6 | 20.2 | 20.8 | 24.4 ^d | 28.2 ^e | 20.2 ^e |
| Regional | 10.9 | 9.9 | 11.7 | 10.9 | 9.9 | 11.8 | 11.1 | 10.5 | 11.1 |
| Distant | 2.0 | 1.8 | 2.2 | 2.1 | 1.8 | 2.5 | 0.3 | 0.0 | 0.5 |
| Unstaged | 6.6 | 5.7 | 6.9 | 6.5 | 5.8 | 6.8 | 10.6 ^d | - | 10.8 ^d |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 6.4 | 5.2 | 7.7 | 6.6 | 5.1 | 8.1 | 5.3 | 5.5 | 4.6 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^a</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 13,034 | 6,856 | 6,178 | 11,401 | 5,901 | 5,500 | 1,020 | 563 | 457 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 6 | 6 | 7 | 6 | 6 | 7 | 6 | 6 | 6 |
| Regional | 34 | 32 | 36 | 34 | 31 | 36 | 35 | 33 | 37 |
| Distant | 55 | 58 | 52 | 55 | 58 | 52 | 55 | 57 | 51 |
| Unstaged | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 6 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 6.4 ^c | 5.6 ^c | 7.2 ^c | 6.4 ^c | 5.6 ^c | 7.3 ^c | 5.7 ^c | 5.1 ^c | 6.1 |
| 45-54 | 9.3 | 7.3 | 11.7 | 9.1 | 7.4 | 11.0 | 8.5 | 4.2 | 13.6 |
| 55-64 | 8.1 | 7.0 | 9.3 | 8.4 | 7.3 | 9.5 | 4.4 | 3.8 | 5.1 |
| 65-74 | 5.5 | 4.7 | 6.3 | 5.4 | 4.2 | 6.5 | 6.4 | 7.5 | 5.4 |
| 75+ | 3.3 | 3.3 | 3.1 | 3.3 | 3.3 | 3.2 | 2.6 | 3.7 | 1.5 |
| Under 65 | 8.5 | 7.3 | 10.0 | 8.7 | 7.5 | 10.1 | 5.8 | 3.9 | 8.3 |
| 65 and over | 4.8 | 4.2 | 5.2 | 4.7 | 3.9 | 5.4 | 5.4 | 6.3 | 4.4 |

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^b Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^c The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

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

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1974-1976 ^a | 13.8 | 12.3 | 17.8 | 13.9 | 12.4 | 18.1 | 12.3 | 11.6 | 14.8 |
| 1977-1979 ^a | 15.0 | 13.2 | 19.3 | 15.4 | 13.6 | 19.5 | 12.0 | 9.7 | 19.6 |
| 1980-1982 ^a | 15.1 | 13.6 | 18.4 | 15.4 | 13.8 | 18.7 | 13.2 | 11.9 | 17.0 |
| 1983-1985 ^a | 15.4 | 13.5 | 19.2 | 15.8 | 13.7 | 19.6 | 12.4 | 11.3 | 15.3 |
| 1986-1988 ^a | 15.1 | 13.6 | 17.6 | 15.4 | 13.7 | 18.2 | 13.1 | 13.2 | 12.9 |
| 1989-1991 ^a | 15.8 | 14.0 | 18.6 | 16.4 | 14.5 | 19.2 | 11.8 | 10.2 | 14.7 |
| 1992-1994 ^a | 16.3 | 14.3 | 19.1 | 16.9 | 14.8 | 19.7 | 12.8 | 11.3 | 15.4 |
| 1995-2001 ^a | 17.0 ^c | 14.9 ^c | 19.6 ^c | 17.3 ^c | 15.2 ^c | 19.9 ^c | 14.2 ^c | 12.3 | 17.1 |
| 1995-2001 ^a | | | | | | | | | |
| All Stages | 17.0 | 14.9 | 19.6 | 17.3 | 15.2 | 19.9 | 14.2 | 12.3 | 17.1 |
| Localized | 51.3 | 46.6 | 56.0 | 51.9 | 47.2 | 56.4 | 44.6 | 40.7 | 49.5 |
| Regional | 17.1 | 15.9 | 18.5 | 17.3 | 16.1 | 18.8 | 15.2 | 13.6 | 17.5 |
| Distant | 2.1 | 2.0 | 2.3 | 2.0 | 1.8 | 2.3 | 1.9 | 1.9 | 2.0 |
| Unstaged | 8.8 | 8.5 | 9.0 | 8.4 | 8.1 | 8.7 | 10.5 | 10.2 | 10.9 |
| <u>5-YR PERIOD SURVIVAL RATES^{ab}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 17.4 | 15.0 | 20.2 | 17.6 | 15.1 | 20.5 | 14.8 | 12.8 | 17.6 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^a</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 74,552 | 42,441 | 32,111 | 61,451 | 34,230 | 27,221 | 8,169 | 5,086 | 3,083 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 18 | 16 | 20 | 18 | 17 | 21 | 15 | 14 | 18 |
| Regional | 38 | 39 | 36 | 37 | 38 | 36 | 38 | 38 | 38 |
| Distant | 37 | 38 | 35 | 36 | 37 | 35 | 39 | 41 | 37 |
| Unstaged | 8 | 8 | 9 | 8 | 8 | 9 | 7 | 7 | 8 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^a</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 23.5 | 21.1 | 26.2 | 26.7 | 25.2 | 28.3 | 15.3 | 11.9 | 20.0 |
| 45-54 | 20.4 | 16.9 | 25.1 | 21.2 | 17.1 | 26.2 | 16.9 | 15.5 | 19.5 |
| 55-64 | 19.6 | 17.1 | 23.3 | 20.2 | 17.6 | 23.6 | 15.4 | 12.8 | 19.8 |
| 65-74 | 17.3 | 15.1 | 20.1 | 17.7 | 15.4 | 20.5 | 13.2 | 11.5 | 15.9 |
| 75+ | 11.2 | 9.9 | 12.4 | 11.3 | 10.0 | 12.6 | 10.3 | 8.9 | 11.5 |
| Under 65 | 20.2 | 17.4 | 24.1 | 21.0 | 18.0 | 24.8 | 15.9 | 13.6 | 19.8 |
| 65 and over | 14.8 | 13.2 | 16.8 | 15.1 | 13.3 | 17.1 | 12.2 | 10.8 | 14.3 |

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^b Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^c The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table 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 ^a | - | - | - | 60 | 51 | 68 | - | - | - |
| 1970-1973 ^a | - | - | - | 68 | 62 | 75 | - | - | - |
| 1974-1976 ^b | 80.2 | 75.1 | 85.1 | 80.5 | 75.6 | 85.1 | 66.5 ^e | - | - |
| 1977-1979 ^b | 82.3 | 77.9 | 86.4 | 82.6 | 78.2 | 86.7 | 49.9 ^f | - | - |
| 1980-1982 ^b | 83.0 | 77.8 | 88.2 | 83.2 | 78.1 | 88.3 | 56.4 ^f | - | - |
| 1983-1985 ^b | 84.9 | 80.5 | 89.5 | 85.0 | 80.6 | 89.6 | 74.1 ^f | - | 69.8 ^f |
| 1986-1988 ^b | 88.0 | 84.8 | 91.4 | 88.2 | 85.0 | 91.5 | 66.9 ^e | - | - |
| 1989-1991 ^b | 88.9 | 86.4 | 91.8 | 89.1 | 86.7 | 91.8 | 77.6 ^e | 60.8 ^f | 93.7 ^f |
| 1992-1994 ^b | 89.2 | 87.2 | 91.6 | 89.4 | 87.4 | 91.8 | 59.4 ^f | - | - |
| 1995-2001 ^b | 91.6 ^d | 90.2 ^d | 93.3 ^d | 91.8 ^d | 90.3 ^d | 93.5 ^d | 77.5 ^e | 75.7 ^e | 78.2 ^e |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 91.6 | 90.2 | 93.3 | 91.8 | 90.3 | 93.5 | 77.5 ^e | 75.7 ^e | 78.2 ^e |
| Localized | 98.3 | 98.6 | 98.0 | 98.4 | 98.6 | 98.1 | 92.6 ^e | 92.2 ^e | 92.5 ^e |
| Regional | 63.8 | 60.3 | 68.9 | 64.1 | 60.3 | 69.7 | 36.9 ^f | - | - |
| Distant | 16.0 | 14.7 | 18.0 | 15.6 | 14.8 | 17.0 | - | - | - |
| Unstaged | 80.9 | 78.5 | 83.5 | 81.0 | 78.6 | 83.7 | - | - | - |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 92.0 | 90.7 | 93.5 | 92.2 | 90.8 | 93.8 | 77.9 | 70.6 | 83.5 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 25,323 | 13,801 | 11,522 | 24,924 | 13,597 | 11,327 | 137 | 75 | 62 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 83 | 80 | 85 | 83 | 81 | 86 | 64 | 60 | 68 |
| Regional | 11 | 12 | 9 | 11 | 12 | 9 | 20 | 21 | 19 |
| Distant | 3 | 4 | 2 | 3 | 4 | 2 | 12 | 13 | 10 |
| Unstaged | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 3 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 93.4 | 89.7 | 96.2 | 93.5 | 89.8 | 96.3 | 81.2 ^e | - | - |
| 45-54 | 91.6 | 88.9 | 95.1 | 91.6 | 88.9 | 95.2 | - | - | - |
| 55-64 | 91.5 | 90.1 | 93.8 | 91.6 | 90.2 | 93.9 | 82.8 ^e | - | - |
| 65-74 | 91.6 | 92.4 | 90.3 | 92.0 | 92.6 | 91.1 | - | - | - |
| 75+ | 86.2 | 87.9 | 81.8 | 86.7 | 88.3 | 82.3 | 32.9 ^f | - | - |
| Under 65 | 92.4 | 89.5 | 95.5 | 92.5 | 89.6 | 95.6 | 85.2 | 85.3 ^e | 84.9 ^e |
| 65 and over | 89.7 | 91.1 | 86.8 | 90.2 | 91.5 | 87.5 | 55.4 ^f | 55.1 ^f | - |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XVII-3
MESOTHELIOMA (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------|-------------------|-------------------|-------|-------------------|-------------------|-------------------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | - | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | - | - | - | - | - | - |
| 1974-1976 ^b | 8.4 | 3.7 | 20.9 | 8.7 | 4.0 | 21.3 ^e | - | - | - |
| 1977-1979 ^b | 7.5 | 4.0 | 18.9 | 7.4 | 3.8 | 19.0 ^e | - | - | - |
| 1980-1982 ^b | 8.2 | 6.4 | 13.9 | 8.7 | 6.9 | 14.2 | - | - | - |
| 1983-1985 ^b | 7.1 | 5.3 | 12.4 | 6.7 | 4.7 | 12.8 | 8.4 ^e | - | - |
| 1986-1988 ^b | 7.7 | 4.8 | 15.8 | 7.7 | 4.8 | 16.0 | - | - | - |
| 1989-1991 ^b | 6.8 | 4.4 | 15.2 | 6.9 | 4.4 | 15.8 | 3.6 | - | - |
| 1992-1994 ^b | 7.8 | 3.7 | 23.1 | 7.3 | 3.3 | 23.4 | 12.0 ^e | 11.3 ^e | - |
| 1995-2001 ^b | 9.0 | 6.6 | 17.2 | 9.0 | 6.5 | 17.7 | 14.7 ^e | 10.0 ^e | - |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 9.0 | 6.6 | 17.2 | 9.0 | 6.5 | 17.7 | 14.7 ^e | 10.0 ^e | - |
| Localized | 16.7 | 12.9 | 33.5 ^e | 15.6 | 11.5 | 34.3 ^f | - | - | - |
| Regional | 11.7 | 9.2 | 21.0 ^e | 11.3 | 9.1 | 19.8 ^e | - | - | - |
| Distant | 5.9 | 3.7 | 11.7 | 5.9 | 3.8 | 12.2 | 9.0 ^e | 0.0 | - |
| Unstaged | 9.0 | 5.8 | 24.7 ^e | 9.7 | 6.3 | 25.2 ^e | - | - | - |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 8.4 | 6.3 | 16.2 | 8.4 | 5.9 | 17.4 | - | - | - |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 1,504 | 1,185 | 319 | 1,372 | 1,083 | 289 | 65 | 47 | 18 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 12 | 13 | 10 | 12 | 13 | 10 | 22 | 23 | 17 |
| Regional | 21 | 21 | 22 | 21 | 21 | 22 | 19 | 17 | 22 |
| Distant | 55 | 54 | 57 | 55 | 54 | 58 | 52 | 53 | 50 |
| Unstaged | 12 | 12 | 11 | 12 | 12 | 11 | 8 | 6 | 11 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 35.1 ^e | - | 46.4 ^e | 36.9 ^e | - | 47.8 ^f | - | - | - |
| 45-54 | 20.9 | 12.7 | 34.1 ^e | 21.8 | 11.6 | 38.4 ^e | - | - | - |
| 55-64 | 10.0 | 8.5 | 17.9 ^e | 9.5 | 8.8 | 12.3 ^e | - | - | - |
| 65-74 | 5.2 | 5.0 | 5.1 | 5.2 | 4.9 | 5.5 | - | - | - |
| 75+ | 4.8 | 4.5 | - | 4.6 | 4.2 | - | - | - | - |
| Under 65 | 16.5 | 10.1 | 32.9 | 16.7 | 10.2 | 35.2 ^e | 22.7 ^f | - | - |
| 65 and over | 5.0 | 4.9 | 4.8 | 4.9 | 4.7 | 5.1 | 9.8 ^e | 11.7 ^e | - |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XVIII-4
MYELOMA

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 12 | 13 | 10 | - | - | - |
| 1970-1973 ^a | - | - | - | 19 | 20 | 17 | - | - | - |
| 1974-1976 ^b | 24.5 | 23.8 | 25.2 | 24.1 | 23.1 | 25.1 | 27.7 | 28.2 | 27.1 |
| 1977-1979 ^b | 26.4 | 25.9 | 26.9 | 24.9 | 25.3 | 24.5 | 34.4 | 30.0 | 38.7 |
| 1980-1982 ^b | 28.1 | 25.8 | 30.3 | 27.8 | 26.2 | 29.4 | 29.7 | 27.3 | 32.2 |
| 1983-1985 ^b | 28.1 | 28.2 | 28.0 | 27.4 | 27.2 | 27.6 | 31.0 | 33.8 | 27.6 |
| 1986-1988 ^b | 29.5 | 30.7 | 28.2 | 29.3 | 31.1 | 27.5 | 31.6 | 29.7 | 33.2 |
| 1989-1991 ^b | 30.1 | 31.1 | 28.9 | 29.2 | 29.9 | 28.5 | 34.3 | 38.1 | 30.5 |
| 1992-1994 ^b | 30.7 | 31.0 | 30.4 | 29.7 | 30.3 | 29.0 | 34.4 | 34.6 | 34.2 |
| 1995-2001 ^b | 32.4 ^d | 36.1 ^d | 28.4 ^d | 32.2 ^d | 35.8 ^d | 28.1 ^d | 33.3 | 36.3 ^d | 30.5 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 32.3 | 36.7 | 27.7 | 31.9 | 36.3 | 27.0 | 33.2 | 35.5 | 31.0 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 50.1 | 51.7 | 47.3 ^e | 54.2 | 57.7 | 47.3 ^e | 35.9 ^e | 32.4 ^e | 40.1 ^e |
| 45-54 | 48.6 | 51.8 | 44.4 | 50.3 | 53.6 | 45.7 | 40.6 | 40.8 ^e | 40.3 ^e |
| 55-64 | 37.5 | 38.8 | 35.8 | 38.7 | 40.5 | 36.1 | 35.4 | 34.5 | 36.0 ^e |
| 65-74 | 31.3 | 34.9 | 27.2 | 30.8 | 32.8 | 28.2 | 34.3 | 43.8 ^e | 25.6 |
| 75+ | 18.5 | 19.5 | 17.8 | 18.3 | 19.3 | 17.6 | 20.0 | 18.1 ^e | 20.9 |
| Under 65 | 42.9 | 45.0 | 40.1 | 44.5 | 47.1 | 40.5 | 37.5 | 36.5 | 38.3 |
| 65 and over | 25.2 | 28.7 | 22.2 | 24.7 | 27.4 | 22.3 | 28.5 | 35.0 | 23.6 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table XIX-4
NON-HODGKIN LYMPHOMA

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

| | <u>All Races</u> | | | <u>Whites</u> | | | <u>Blacks</u> | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | <u>Total</u> | <u>Males</u> | <u>Females</u> | <u>Total</u> | <u>Males</u> | <u>Females</u> | <u>Total</u> | <u>Males</u> | <u>Females</u> |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 31 | 31 | 31 | - | - | - |
| 1970-1973 ^a | - | - | - | 41 | 39 | 43 | - | - | - |
| 1974-1976 ^b | 47.3 | 47.2 | 47.4 | 47.8 | 48.1 | 47.5 | 48.0 | 43.2 ^e | 54.0 ^e |
| 1977-1979 ^b | 48.5 | 45.9 | 51.2 | 48.7 | 46.5 | 51.0 | 51.6 | 45.0 | 60.2 ^e |
| 1980-1982 ^b | 51.4 | 50.2 | 52.6 | 51.8 | 50.8 | 52.9 | 50.5 | 47.9 | 53.5 |
| 1983-1985 ^b | 53.9 | 52.8 | 55.1 | 54.4 | 53.4 | 55.5 | 44.8 | 43.2 | 46.4 |
| 1986-1988 ^b | 52.3 | 49.5 | 55.8 | 52.8 | 50.0 | 56.1 | 50.7 | 47.5 | 54.6 |
| 1989-1991 ^b | 51.4 | 47.3 | 56.7 | 52.1 | 48.0 | 57.4 | 43.7 | 38.2 | 51.1 |
| 1992-1994 ^b | 53.5 | 48.7 | 59.5 | 54.5 | 50.0 | 60.1 | 42.5 | 37.1 | 52.5 |
| 1995-2001 ^b | 60.2 ^d | 58.2 ^d | 62.6 ^d | 61.2 ^d | 59.5 ^d | 63.3 ^d | 52.3 | 47.6 | 59.1 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 62.8 | 61.3 | 64.6 | 63.9 | 62.7 | 65.3 | 55.6 | 50.2 | 62.5 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 65.2 | 60.6 | 74.5 | 67.4 | 62.8 | 76.9 | 51.3 | 45.9 | 62.0 |
| 45-54 | 69.6 | 64.7 | 77.2 | 71.4 | 66.5 | 79.0 | 58.0 | 53.3 | 65.0 |
| 55-64 | 65.7 | 62.8 | 69.3 | 66.6 | 64.1 | 69.7 | 55.8 | 48.4 ^e | 63.7 |
| 65-74 | 58.6 | 55.8 | 61.4 | 59.6 | 56.6 | 62.5 | 48.2 | 42.9 ^e | 52.8 ^e |
| 75+ | 44.1 | 44.0 | 44.1 | 45.0 | 45.1 | 44.9 | 36.7 ^e | 38.2 ^e | 33.6 ^e |
| Under 65 | 66.7 | 62.5 | 73.3 | 68.3 | 64.4 | 74.6 | 54.4 | 48.7 | 63.5 |
| 65 and over | 52.0 | 51.0 | 52.8 | 52.9 | 51.9 | 53.7 | 44.3 | 41.6 | 46.7 |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

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

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 45 | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | 43 | - | - | - | - | - |
| 1974-1976 ^b | 53.5 | 52.5 | 55.7 | 55.0 | 54.6 | 56.1 | 36.3 | 31.4 | 45.5 |
| 1977-1979 ^b | 53.0 | 51.8 | 55.6 | 54.9 | 54.3 | 56.3 | 36.8 | 30.9 | 49.2 |
| 1980-1982 ^b | 53.0 | 51.4 | 56.4 | 55.7 | 54.6 | 58.0 | 31.0 | 26.5 | 42.5 |
| 1983-1985 ^b | 53.6 | 52.1 | 56.6 | 55.6 | 54.9 | 57.2 | 35.2 | 29.8 | 47.5 |
| 1986-1988 ^b | 54.4 | 51.3 | 60.9 | 57.0 | 54.5 | 62.1 | 35.2 | 29.7 | 49.2 |
| 1989-1991 ^b | 55.5 | 52.6 | 61.6 | 58.1 | 55.8 | 62.8 | 34.0 | 29.7 | 44.8 |
| 1992-1994 ^b | 57.4 | 55.7 | 61.1 | 60.1 | 59.2 | 61.9 | 35.9 | 30.6 | 50.3 |
| 1995-2001 ^b | 59.4 ^d | 58.0 ^d | 62.3 ^d | 61.8 ^d | 61.1 ^d | 63.1 ^d | 39.5 | 34.3 | 52.0 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 59.4 | 58.0 | 62.3 | 61.8 | 61.1 | 63.1 | 39.5 | 34.3 | 52.0 |
| Localized | 82.1 | 82.2 | 82.0 | 83.0 | 83.9 | 81.5 | 70.7 | 59.8 ^e | 85.2 |
| Regional | 51.3 | 50.8 | 52.5 | 53.2 | 53.1 | 53.5 | 33.0 | 31.3 | 37.7 |
| Distant | 27.6 | 25.5 | 32.5 | 27.6 | 25.2 | 32.7 | 25.3 | 22.5 | 31.1 ^e |
| Unstaged | 46.6 | 46.6 | 46.1 | 48.1 | 50.5 | 43.7 | 30.3 ^e | 22.5 ^e | - |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 60.5 | 59.4 | 62.8 | 62.9 | 62.8 | 62.9 | 40.9 | 34.7 | 56.2 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 15,335 | 10,356 | 4,979 | 12,420 | 8,353 | 4,067 | 1,603 | 1,153 | 450 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 34 | 32 | 40 | 37 | 35 | 42 | 21 | 17 | 31 |
| Regional | 51 | 53 | 45 | 49 | 51 | 44 | 59 | 62 | 51 |
| Distant | 10 | 10 | 9 | 9 | 9 | 8 | 16 | 17 | 14 |
| Unstaged | 5 | 5 | 6 | 6 | 5 | 6 | 5 | 5 | 4 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 76.5 | 72.0 | 83.8 | 80.2 | 76.7 | 86.3 | 58.8 | 51.1 | 70.5 ^e |
| 45-54 | 63.0 | 60.7 | 69.8 | 67.8 | 66.1 | 73.2 | 37.7 | 34.1 | 50.5 ^e |
| 55-64 | 58.2 | 56.1 | 63.6 | 61.1 | 59.1 | 66.1 | 35.0 | 30.8 | 48.3 ^e |
| 65-74 | 54.6 | 54.1 | 55.5 | 56.6 | 56.3 | 57.2 | 32.2 | 29.7 | 37.8 ^e |
| 75+ | 47.4 | 48.3 | 45.7 | 48.6 | 50.5 | 45.7 | 30.2 ^e | 17.1 ^e | 42.8 ^f |
| Under 65 | 64.0 | 61.0 | 71.5 | 67.4 | 65.0 | 73.7 | 41.7 | 36.1 | 56.6 |
| 65 and over | 52.0 | 52.6 | 51.2 | 53.6 | 54.8 | 52.0 | 32.0 | 27.4 | 40.6 ^e |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XXI-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 ^a | - | - | - | 32 | - | - | 32 | - | - |
| 1970-1973 ^a | - | - | - | 36 | - | - | 32 | - | - |
| 1974-1976 ^b | 36.9 | 43.1 | 23.7 | 36.5 | 42.7 | 23.4 | 41.1 | 44.8 | 32.2 ^e |
| 1977-1979 ^b | 38.5 | 46.7 | 22.3 | 37.9 | 46.0 | 22.7 | 39.9 | 49.3 | 9.9 |
| 1980-1982 ^b | 39.2 | 48.4 | 23.5 | 38.7 | 48.2 | 23.5 | 39.4 | 47.1 | 22.8 ^e |
| 1983-1985 ^b | 41.1 | 50.8 | 26.0 | 40.3 | 50.0 | 25.8 | 42.0 | 52.7 | 20.7 |
| 1986-1988 ^b | 39.7 | 51.2 | 23.8 | 39.4 | 51.0 | 23.9 | 36.6 | 47.3 | 19.8 |
| 1989-1991 ^b | 40.9 | 53.3 | 25.2 | 41.2 | 54.0 | 25.5 | 30.6 | 42.4 | 16.2 |
| 1992-1994 ^b | 43.0 | 55.3 | 27.4 | 42.2 | 55.0 | 27.0 | 45.9 | 56.6 | 27.6 |
| 1995-2001 ^b | 44.6 ^d | 56.6 | 28.4 | 44.4 ^d | 57.1 | 28.4 | 37.7 | 48.2 | 21.4 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 44.6 | 56.6 | 28.4 | 44.4 | 57.1 | 28.4 | 37.7 | 48.2 | 21.4 |
| Localized | 93.6 | 93.7 | 93.6 | 93.4 | 93.8 | 92.2 | 92.1 | 90.1 | 95.8 ^f |
| Regional | 68.1 | 74.4 | 56.1 | 67.7 | 75.1 | 54.4 | 56.8 ^e | 57.7 ^e | - |
| Distant | 29.1 | 38.1 | 19.4 | 29.5 | 39.0 | 19.8 | 21.4 | 29.6 | 11.6 |
| Unstaged | 24.7 | 45.2 | 13.0 | 24.3 | 45.1 | 13.1 | 23.1 ^e | - | 9.6 ^e |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 45.0 | 56.9 | 28.3 | 44.8 | 57.6 | 28.3 | 38.6 | 48.0 | 22.2 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 11,383 | 6,001 | 5,382 | 9,812 | 5,011 | 4,801 | 749 | 422 | 327 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 19 | 27 | 10 | 18 | 27 | 10 | 17 | 24 | 8 |
| Regional | 7 | 8 | 5 | 7 | 8 | 5 | 9 | 10 | 7 |
| Distant | 68 | 62 | 75 | 69 | 62 | 76 | 66 | 61 | 73 |
| Unstaged | 7 | 4 | 10 | 7 | 4 | 10 | 8 | 5 | 12 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 73.5 | - | - | 74.0 | - | - | 73.0 | - | - |
| 45-54 | 53.5 | - | - | 54.8 | - | - | 35.6 ^e | - | - |
| 55-64 | 47.5 | - | - | 48.3 | - | - | 34.6 | - | - |
| 65-74 | 35.7 | - | - | 35.4 | - | - | 24.8 | - | - |
| 75+ | 19.8 | - | - | 20.2 | - | - | 15.6 | - | - |
| Under 65 | 56.6 | - | - | 57.1 | - | - | 48.2 | - | - |
| 65 and over | 28.4 | - | - | 28.4 | - | - | 21.4 | - | - |

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table XXII-4
PANCREAS CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 1 | 1 | 2 | 1 | 0 | 3 |
| 1970-1973 ^a | - | - | - | 2 | 2 | 2 | 2 | 0 | 3 |
| 1974-1976 ^b | 2.6 | 2.9 | 2.2 | 2.6 | 3.0 | 2.1 | 2.7 | 2.3 | 3.0 |
| 1977-1979 ^b | 2.4 | 2.2 | 2.6 | 2.3 | 2.1 | 2.4 | 3.8 | 2.8 | 4.8 |
| 1980-1982 ^b | 3.0 | 2.6 | 3.4 | 2.8 | 2.5 | 3.0 | 4.5 | 3.2 | 5.7 |
| 1983-1985 ^b | 3.3 | 2.8 | 3.7 | 2.9 | 2.5 | 3.2 | 5.0 | 4.4 | 5.5 |
| 1986-1988 ^b | 3.6 | 3.3 | 3.8 | 3.2 | 3.0 | 3.3 | 6.0 | 6.0 | 5.9 |
| 1989-1991 ^b | 4.1 | 3.7 | 4.5 | 4.2 | 4.0 | 4.4 | 4.0 | 3.0 | 4.8 |
| 1992-1994 ^b | 4.6 | 4.3 | 4.8 | 4.7 | 4.3 | 5.1 | 3.8 | 4.2 | 3.3 |
| 1995-2001 ^b | 4.6 ^d | 4.5 ^d | 4.7 ^d | 4.4 ^d | 4.7 ^d | 4.2 ^d | 4.4 ^d | 2.9 | 5.6 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 4.6 | 4.5 | 4.7 | 4.4 | 4.7 | 4.2 | 4.4 | 2.9 | 5.6 |
| Localized | 16.4 | 15.2 | 17.3 | 15.1 | 15.1 | 14.9 | 18.1 | 10.1 ^e | 22.4 ^e |
| Regional | 7.0 | 6.7 | 7.3 | 7.1 | 7.4 | 6.8 | 5.8 | 3.2 | 7.8 |
| Distant | 1.8 | 2.0 | 1.6 | 1.7 | 1.9 | 1.5 | 1.5 | 1.7 | 1.3 |
| Unstaged | 4.3 | 4.4 | 3.9 | 3.8 | 4.6 | 3.0 | 5.3 | 3.3 | 6.6 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 5.0 | 4.9 | 5.1 | 4.8 | 5.1 | 4.6 | 4.0 | 2.7 | 5.1 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 15,467 | 7,518 | 7,949 | 12,475 | 6,087 | 6,388 | 1,782 | 828 | 954 |
| 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 | 26 | 26 | 24 | 24 | 24 |
| Distant | 52 | 54 | 50 | 52 | 54 | 49 | 55 | 58 | 52 |
| Unstaged | 14 | 12 | 16 | 15 | 13 | 17 | 13 | 11 | 15 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 17.9 | 15.8 | 21.1 | 18.2 | 17.0 | 20.6 | 14.0 | 10.6 | 19.2 ^e |
| 45-54 | 7.7 | 6.4 | 10.0 | 8.1 | 7.2 | 9.6 | 4.9 | 2.5 | 8.8 |
| 55-64 | 4.7 | 4.5 | 5.0 | 4.6 | 4.5 | 4.7 | 4.2 | 3.6 | 5.4 |
| 65-74 | 3.5 | 3.1 | 3.8 | 3.4 | 3.5 | 3.3 | 3.6 | 1.4 | 4.9 |
| 75+ | 2.6 | 2.3 | 2.6 | 2.4 | 2.1 | 2.4 | 1.8 | - | 2.9 |
| Under 65 | 7.1 | 6.3 | 8.4 | 7.1 | 6.6 | 7.8 | 5.8 | 4.2 | 8.3 |
| 65 and over | 3.0 | 2.8 | 3.2 | 2.9 | 2.9 | 2.8 | 2.9 | 0.9 | 3.9 |

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.
^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).
^e The standard error of the survival rate is between 5 and 10 percentage points.
^f The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXIII-4
PROSTATE CANCER (Invasive)

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

| | All Races, Males | | | White Males | | | Black Males | | |
|--|-------------------|--------|--------|-------------------|--------|--------|-------------------|-------|-------|
| | All | <65 | 65+ | All | <65 | 65+ | All | <65 | 65+ |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 50 | - | - | 35 | - | - |
| 1970-1973 ^a | - | - | - | 63 | - | - | 55 | - | - |
| 1974-1976 ^b | 66.9 | 71.5 | 65.3 | 67.9 | 72.9 | 66.2 | 58.3 | 60.6 | 56.9 |
| 1977-1979 ^b | 71.1 | 75.8 | 69.4 | 72.2 | 77.5 | 70.2 | 62.5 | 64.2 | 61.7 |
| 1980-1982 ^b | 73.2 | 76.3 | 72.1 | 74.3 | 77.8 | 73.1 | 64.9 | 66.8 | 63.9 |
| 1983-1985 ^b | 74.6 | 75.7 | 74.3 | 76.0 | 77.4 | 75.6 | 63.9 | 64.7 | 63.5 |
| 1986-1988 ^b | 81.2 | 81.4 | 81.2 | 82.8 | 83.1 | 82.7 | 69.4 | 69.9 | 69.2 |
| 1989-1991 ^b | 90.7 | 90.1 | 90.9 | 92.0 | 91.3 | 92.2 | 80.9 | 82.3 | 80.4 |
| 1992-1994 ^b | 97.3 | 96.3 | 97.7 | 98.2 | 97.0 | 98.6 | 92.4 | 93.3 | 91.9 |
| 1995-2001 ^b | 99.8 ^d | 99.5 | 99.7 | 99.9 ^d | 99.8 | 99.8 | 96.7 ^d | 98.5 | 95.8 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 99.8 | 99.5 | 99.7 | 99.9 | 99.8 | 99.8 | 96.7 | 98.5 | 95.8 |
| Localized/Regional | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Distant | 33.5 | 32.2 | 34.0 | 32.6 | 32.1 | 32.8 | 30.3 | 32.2 | 29.4 |
| Unstaged | 82.7 | 90.5 | 80.5 | 84.2 | 92.6 | 81.9 | 77.0 | 82.9 | 73.2 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 99.9 | 98.2 | 99.0 | 97.4 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 114,643 | 38,444 | 76,199 | 94,212 | 30,842 | 63,370 | 14,239 | 6,221 | 8,018 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized/Regional | 91 | 95 | 89 | 91 | 95 | 89 | 89 | 93 | 86 |
| Distant | 5 | 3 | 6 | 5 | 3 | 6 | 7 | 5 | 8 |
| Unstaged | 4 | 2 | 5 | 4 | 2 | 5 | 5 | 3 | 6 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 92.1 | - | - | 91.7 | - | - | 95.0 | - | - |
| 45-54 | 97.8 | - | - | 98.0 | - | - | 97.5 | - | - |
| 55-64 | 100.0 | - | - | 100.0 | - | - | 99.1 | - | - |
| 65-74 | 100.0 | - | - | 100.0 | - | - | 98.6 | - | - |
| 75+ | 96.3 | - | - | 97.5 | - | - | 88.5 | - | - |
| Under 65 | 99.5 | - | - | 99.8 | - | - | 98.5 | - | - |
| 65 and over | 99.7 | - | - | 99.8 | - | - | 95.8 | - | - |

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.
^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).
^e The standard error of the survival rate is between 5 and 10 percentage points.
^f The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXIV-4
STOMACH CANCER (Invasive)

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 11 | 10 | 13 | 8 | 5 | 14 |
| 1970-1973 ^a | - | - | - | 13 | 12 | 14 | 13 | 15 | 10 |
| 1974-1976 ^b | 15.3 | 14.1 | 17.3 | 14.6 | 13.4 | 16.6 | 16.3 | 15.5 | 17.6 |
| 1977-1979 ^b | 16.4 | 15.0 | 18.6 | 15.7 | 14.0 | 18.2 | 15.0 | 14.8 | 15.3 |
| 1980-1982 ^b | 17.7 | 16.6 | 19.5 | 16.5 | 15.6 | 18.0 | 19.0 | 18.2 | 20.6 |
| 1983-1985 ^b | 17.4 | 15.8 | 19.9 | 16.3 | 14.5 | 19.1 | 18.9 | 18.4 | 19.3 |
| 1986-1988 ^b | 20.3 | 17.3 | 25.2 | 19.2 | 16.3 | 24.3 | 19.1 | 15.3 | 25.1 |
| 1989-1991 ^b | 21.1 | 17.7 | 26.8 | 18.4 | 15.1 | 24.0 | 24.9 | 22.5 | 28.2 |
| 1992-1994 ^b | 21.9 | 20.6 | 24.0 | 21.0 | 19.8 | 23.3 | 19.1 | 18.3 | 20.3 |
| 1995-2001 ^b | 23.2 ^d | 22.2 ^d | 24.9 ^d | 21.4 ^d | 19.9 ^d | 23.9 ^d | 22.8 | 21.5 | 24.2 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 23.2 | 22.2 | 24.9 | 21.4 | 19.9 | 23.9 | 22.8 | 21.5 | 24.2 |
| Localized | 58.0 | 56.3 | 60.4 | 54.1 | 50.9 | 58.6 | 58.5 | 56.3 ^e | 60.4 ^e |
| Regional | 21.9 | 21.3 | 22.9 | 19.9 | 19.3 | 20.8 | 21.9 | 22.1 | 20.8 |
| Distant | 3.1 | 3.2 | 2.9 | 2.9 | 2.8 | 3.1 | 2.1 | 2.0 | 1.9 |
| Unstaged | 12.4 | 11.9 | 12.8 | 11.5 | 10.8 | 12.1 | 15.9 | 13.8 ^e | 15.9 |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 23.8 | 23.3 | 24.4 | 21.8 | 21.0 | 22.9 | 23.7 | 22.9 | 24.2 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 11,674 | 7,185 | 4,489 | 8,193 | 5,159 | 3,034 | 1,501 | 870 | 631 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 24 | 24 | 25 | 24 | 24 | 26 | 23 | 23 | 24 |
| Regional | 32 | 33 | 30 | 31 | 32 | 28 | 30 | 32 | 29 |
| Distant | 32 | 34 | 30 | 33 | 34 | 30 | 34 | 37 | 30 |
| Unstaged | 12 | 10 | 15 | 12 | 10 | 16 | 13 | 9 | 17 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 29.7 | 28.5 | 31.4 | 29.8 | 26.6 | 34.4 | 33.9 | 33.0 ^e | 34.9 ^e |
| 45-54 | 25.3 | 23.2 | 30.2 | 23.3 | 21.3 | 28.3 | 23.4 | 18.0 | 31.6 ^e |
| 55-64 | 23.8 | 23.1 | 25.4 | 22.1 | 20.8 | 25.3 | 21.7 | 21.8 | 21.0 ^e |
| 65-74 | 23.8 | 22.6 | 26.0 | 21.0 | 19.6 | 23.9 | 24.2 | 23.8 | 24.4 |
| 75+ | 19.9 | 18.6 | 21.2 | 18.8 | 17.2 | 20.5 | 15.6 | 11.5 | 17.6 |
| Under 65 | 25.4 | 24.0 | 28.3 | 23.8 | 21.8 | 28.4 | 25.4 | 23.2 | 28.8 |
| 65 and over | 21.8 | 20.9 | 23.1 | 19.9 | 18.6 | 21.8 | 20.0 | 19.1 | 20.6 |

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.
^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).
^e The standard error of the survival rate is between 5 and 10 percentage points.
^f The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XXV-4
TESTIS CANCER (Invasive)

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

| | All Races, Males | | | White Males | | | Black Males | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| | All | <50 | 50+ | All | <50 | 50+ | All | <50 | 50+ |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 63 | - | - | - | - | - |
| 1970-1973 ^a | - | - | - | 72 | - | - | - | - | - |
| 1974-1976 ^b | 78.7 | 78.2 | 82.7 | 78.8 | 78.2 | 82.9 | 76.1 ^e | - | - |
| 1977-1979 ^b | 87.5 | 88.7 | 76.9 | 87.9 | 89.0 | 77.9 | 65.8 ^f | - | - |
| 1980-1982 ^b | 91.9 | 91.9 | 91.5 | 92.1 | 92.1 | 92.1 | 89.7 ^e | 89.2 ^e | - |
| 1983-1985 ^b | 90.9 | 91.8 | 81.8 | 91.3 | 92.3 | 80.2 | 87.5 ^e | 84.1 ^e | - |
| 1986-1988 ^b | 95.2 | 95.3 | 92.6 | 95.6 | 95.7 | 93.8 | 85.6 ^e | - | - |
| 1989-1991 ^b | 95.5 | 95.5 | 93.7 | 95.9 | 95.8 | 94.7 | 89.8 ^e | 93.3 ^e | - |
| 1992-1994 ^b | 95.5 | 95.7 | 90.4 | 95.7 | 95.9 | 90.1 | 85.9 ^e | 85.3 ^e | - |
| 1995-2001 ^b | 96.0 ^d | 96.5 ^d | 88.9 | 96.3 ^d | 96.7 ^d | 89.9 | 87.8 | 90.4 | - |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 96.0 | 96.5 | 88.9 | 96.3 | 96.7 | 89.9 | 87.8 | 90.4 | - |
| Localized | 99.4 | 99.5 | 97.0 | 99.5 | 99.5 | 97.9 | 95.8 | 98.6 | - |
| Regional | 96.3 | 96.7 | 90.0 | 96.4 | 96.8 | 90.6 | 93.9 ^e | 93.5 ^e | - |
| Distant | 71.7 | 74.6 | 43.9 ^e | 72.8 | 76.0 | 43.7 ^e | - | - | - |
| Unstaged | 87.9 | 93.2 | - | 90.0 | 94.3 | - | - | - | - |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 96.2 | 96.5 | 91.8 | 96.5 | 96.8 | 92.8 | 90.0 | 92.0 | - |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 4,894 | 4,510 | 384 | 4,504 | 4,144 | 360 | 148 | 138 | 10 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 71 | 71 | 67 | 71 | 72 | 68 | 60 | 62 | 40 |
| Regional | 18 | 18 | 17 | 18 | 18 | 17 | 22 | 23 | 10 |
| Distant | 10 | 10 | 14 | 10 | 10 | 14 | 15 | 13 | 40 |
| Unstaged | 1 | 1 | 2 | 1 | 1 | 2 | 3 | 2 | 10 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 96.5 | - | - | 96.7 | - | - | 91.0 | - | - |
| 45-54 | 95.0 | - | - | 95.4 | - | - | - | - | - |
| 55-64 | 86.8 | - | - | 88.7 | - | - | - | - | - |
| 65-74 | 76.0 ^e | - | - | 76.0 ^e | - | - | - | - | - |
| 75+ | - | - | - | - | - | - | - | - | - |
| Under 65 | 96.2 | - | - | 96.5 | - | - | 87.8 | - | - |
| 65 and over | 73.9 ^e | - | - | 76.1 ^e | - | - | - | - | - |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

Table XXVI-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 |
| 5-YR RELATIVE SURVIVAL RATES | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 83 | 75 | 87 | - | - | - |
| 1970-1973 ^a | - | - | - | 86 | 82 | 87 | - | - | - |
| 1974-1976 ^b | 92.1 | 90.3 | 92.7 | 92.0 | 90.5 | 92.5 | 87.8 | 75.8 ^f | 90.7 |
| 1977-1979 ^b | 92.6 | 89.6 | 93.4 | 92.3 | 90.2 | 92.8 | 91.3 | 66.5 ^f | 96.2 |
| 1980-1982 ^b | 94.4 | 91.7 | 95.2 | 93.9 | 90.9 | 94.7 | 94.4 | 93.1 ^e | 94.1 |
| 1983-1985 ^b | 93.4 | 89.9 | 94.6 | 93.4 | 89.0 | 94.5 | 91.1 | 91.4 ^e | 90.3 |
| 1986-1988 ^b | 95.4 | 93.5 | 95.9 | 95.2 | 93.3 | 95.7 | 92.3 | 88.1 ^e | 92.7 |
| 1989-1991 ^b | 95.2 | 91.2 | 96.3 | 95.4 | 92.1 | 96.3 | 88.3 | 84.7 ^e | 89.2 |
| 1992-1994 ^b | 95.2 | 92.6 | 96.0 | 95.5 | 92.7 | 96.4 | 92.1 | 90.7 ^e | 92.1 |
| 1995-2001 ^b | 96.6 ^d | 93.9 | 97.4 ^d | 96.9 ^d | 94.4 | 97.7 ^d | 94.8 | 89.2 | 95.4 |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 96.6 | 93.9 | 97.4 | 96.9 | 94.4 | 97.7 | 94.8 | 89.2 | 95.4 |
| Localized | 99.5 | 99.1 | 99.6 | 99.8 | 99.6 | 99.8 | 97.4 | 95.8 ^e | 97.5 |
| Regional | 96.4 | 94.7 | 97.0 | 96.7 | 95.3 | 97.2 | 94.9 | 94.5 ^e | 94.7 |
| Distant | 60.0 | 58.3 | 61.0 | 60.4 | 58.3 | 61.8 | 56.7 ^e | - | 62.9 ^f |
| Unstaged | 85.4 | 80.6 ^e | 86.7 | 85.1 | 77.2 ^e | 87.4 | - | - | - |
| 5-YR PERIOD SURVIVAL RATES^{bc} | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 96.9 | 94.7 | 97.4 | 97.3 | 95.0 | 97.8 | 93.1 | 87.2 | 93.6 |
| STAGE DISTRIBUTION (%) 1995-2001^b | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 11,443 | 2,739 | 8,704 | 9,497 | 2,367 | 7,130 | 638 | 112 | 526 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 58 | 47 | 61 | 58 | 47 | 62 | 60 | 50 | 63 |
| Regional | 35 | 42 | 33 | 35 | 43 | 32 | 30 | 32 | 30 |
| Distant | 5 | 9 | 4 | 5 | 8 | 4 | 7 | 15 | 5 |
| Unstaged | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| 5-YR RELATIVE SURVIVAL RATES, 1995-2001^b | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 99.3 | 98.0 | 99.6 | 99.4 | 98.4 | 99.6 | 98.3 | 89.8 ^e | 99.3 |
| 45-54 | 98.1 | 95.7 | 98.8 | 98.7 | 97.1 | 99.1 | 91.2 | 78.9 ^e | 93.2 |
| 55-64 | 93.7 | 89.1 | 95.7 | 93.6 | 89.0 | 95.7 | 98.4 | - | 97.4 |
| 65-74 | 90.2 | 87.5 | 90.9 | 90.7 | 87.4 | 91.9 | 87.1 ^e | - | 88.2 ^e |
| 75+ | 75.0 | 69.3 ^e | 75.5 | 77.4 | 68.1 ^e | 78.4 | 57.8 ^f | - | 53.9 ^f |
| Under 65 | 98.3 | 95.7 | 98.9 | 98.4 | 96.2 | 99.1 | 96.9 | 89.5 | 98.2 |
| 65 and over | 85.4 | 84.0 | 85.4 | 86.5 | 83.6 | 86.9 | 78.7 ^e | - | 76.6 ^e |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

- Statistic could not be calculated.

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

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

| | All Races | | | Whites | | | Blacks | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| <u>5-YR RELATIVE SURVIVAL RATES</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 53 | 53 | 53 | 24 | 24 | 24 |
| 1970-1973 ^a | - | - | - | 61 | 61 | 60 | 36 | 38 | 27 |
| 1974-1976 ^b | 72.6 | 73.8 | 69.5 | 73.8 | 74.6 | 71.6 | 47.9 | 54.3 | 37.2 ^e |
| 1977-1979 ^b | 75.1 | 76.8 | 70.6 | 76.0 | 77.2 | 72.8 | 54.6 | 63.0 | 38.3 ^e |
| 1980-1982 ^b | 77.9 | 79.1 | 74.7 | 78.8 | 79.8 | 76.0 | 58.5 | 63.2 | 48.0 ^e |
| 1983-1985 ^b | 77.6 | 79.2 | 73.2 | 78.2 | 79.4 | 74.6 | 59.7 | 64.8 | 49.9 ^e |
| 1986-1988 ^b | 79.9 | 81.6 | 75.1 | 80.8 | 82.3 | 76.3 | 62.8 | 67.6 | 51.5 ^e |
| 1989-1991 ^b | 81.1 | 83.6 | 74.0 | 82.2 | 84.5 | 75.6 | 61.5 | 65.0 | 56.2 |
| 1992-1994 ^b | 81.7 | 84.0 | 75.1 | 82.4 | 84.6 | 76.3 | 64.0 | 68.8 | 54.7 |
| 1995-2001 ^b | 81.8 ^d | 83.5 ^d | 77.3 ^d | 82.8 ^d | 84.3 ^d | 78.6 ^d | 64.3 ^d | 69.7 ^d | 53.9 ^d |
| 1995-2001 ^b | | | | | | | | | |
| All Stages | 81.8 | 83.5 | 77.3 | 82.8 | 84.3 | 78.6 | 64.3 | 69.7 | 53.9 |
| Localized | 94.2 | 94.9 | 92.1 | 94.6 | 95.3 | 92.6 | 84.5 | 87.9 | 75.6 ^e |
| Regional | 48.4 | 50.3 | 43.6 | 49.0 | 50.7 | 44.2 | 41.0 | 46.1 ^e | 33.9 ^e |
| Distant | 6.2 | 6.8 | 4.4 | 5.7 | 5.9 | 5.0 | 5.1 | 5.1 | 0.0 |
| Unstaged | 61.1 | 64.2 | 52.9 | 62.1 | 64.9 | 53.2 | 41.7 ^e | 44.3 ^e | 33.2 ^f |
| <u>5-YR PERIOD SURVIVAL RATES^{bc}</u> | | | | | | | | | |
| YEAR OF DIAGNOSIS: | | | | | | | | | |
| 1995-2001 | 81.9 | 83.5 | 77.6 | 83.1 | 84.4 | 79.2 | 63.1 | 68.2 | 53.5 |
| <u>STAGE DISTRIBUTION (%) 1995-2001^b</u> | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 28,056 | 20,837 | 7,219 | 25,723 | 19,241 | 6,482 | 1,211 | 761 | 450 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 75 | 76 | 71 | 76 | 77 | 73 | 58 | 61 | 53 |
| Regional | 19 | 18 | 21 | 18 | 18 | 20 | 29 | 26 | 35 |
| Distant | 3 | 3 | 5 | 3 | 3 | 4 | 6 | 6 | 6 |
| Unstaged | 3 | 3 | 4 | 3 | 3 | 4 | 7 | 7 | 6 |
| <u>5-YR RELATIVE SURVIVAL RATES, 1995-2001^b</u> | | | | | | | | | |
| AGE AT DIAGNOSIS: | | | | | | | | | |
| <45 | 90.6 | 91.6 | 87.8 | 91.9 | 92.4 | 90.2 | 78.8 ^e | 84.9 ^e | - |
| 45-54 | 87.0 | 87.9 | 84.4 | 88.0 | 88.7 | 85.9 | 74.2 | 76.2 ^e | 66.8 ^e |
| 55-64 | 85.2 | 86.3 | 81.2 | 86.2 | 87.2 | 82.8 | 67.5 | 73.6 | 52.3 ^e |
| 65-74 | 82.0 | 83.1 | 78.6 | 82.8 | 83.7 | 79.9 | 61.2 | 68.8 ^e | 46.9 ^e |
| 75+ | 75.1 | 77.5 | 70.2 | 76.3 | 78.6 | 71.2 | 54.1 | 52.8 ^e | 54.9 ^e |
| Under 65 | 86.4 | 87.5 | 83.1 | 87.5 | 88.3 | 84.8 | 71.8 | 76.5 | 58.0 ^e |
| 65 and over | 79.1 | 81.0 | 74.4 | 80.1 | 81.8 | 75.5 | 58.3 | 62.5 | 51.8 |

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

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2002.

^c Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).

^d The difference in rates between 1974-1976 and 1995-2001 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated.

Table XXVIII-9

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

| Age/Site | SEER Incidence ^a | | | | | US Mortality ^b | | | | | Survival ^a | |
|-------------------------|-----------------------------|-------------------|-------------------|------------------|--------------------|---------------------------|-------------------|-------------------|--------------------|--------------------|-----------------------|-------------------|
| | 1998-2002 Num Cases | 1998-2002 Rate | 1975-2002 APC | 1975-1988 APC | 1989-2002 APC | 1998-2002 Num Deaths | 1998-2002 Rate | 1975-2002 APC | 1975-1988 APC | 1989-2002 APC | 1974-1976 | 1995-2001 |
| <u>Ages 0-4</u> | | | | | | | | | | | | |
| All Sites | 1,938 | 20.9 | 0.8 ^c | 1.1 ^c | 0.2 ^e | 2,403 | 2.5 | -2.8 ^c | -2.7 ^c | -2.4 ^c | 56.8 | 78.3 ^f |
| Soft tissue | 140 | 1.5 | 0.6 | 0.8 | 1.3 | 124 | 0.1 | -2.0 ^c | -0.1 | -2.0 | 57.0 ^g | 72.9 ^f |
| Kidney and Renal pelvis | 191 | 2.1 | 0.4 | -0.5 | -0.1 | 97 | 0.1 | -4.0 ^c | -6.4 ^c | -1.0 ^d | 74.2 | 90.4 ^f |
| Eye and Orbit | 124 | 1.3 | 0.7 | 1.5 | -0.6 | 32 | 0.0 | -3.9 ^c | -3.9 ^c | -7.8 ^c | 89.7 | 96.8 |
| Brain and Other nervous | 374 | 4.0 | 1.4 ^c | 3.6 ^c | 0.2 ^d | 601 | 0.6 | -1.2 ^c | -1.4 ^c | -1.7 ^c | 51.4 | 67.5 ^f |
| Other endocrine | 142 | 1.5 | - | - | - | 398 | 0.4 | - | - | - | 32.7 ^g | 58.8 ^f |
| Leukemia | 699 | 7.6 | 0.8 ^c | 1.1 | 0.8 | 761 | 0.8 | -3.3 ^c | -3.9 ^c | -2.5 ^c | 51.2 | 84.0 ^f |
| Acute lymphocytic | 568 | 6.1 | 0.9 ^c | 1.7 ^c | 1.0 | 254 | 0.3 | -5.0 ^c | -5.8 ^c | -3.2 ^{cd} | 58.4 | 90.2 ^f |
| <u>Ages 5-9</u> | | | | | | | | | | | | |
| All Sites | 1,114 | 11.5 | 0.4 | 1.0 | 0.2 | 2,515 | 2.5 | -3.1 ^c | -3.5 ^c | -2.6 ^{ce} | 55.5 | 78.6 ^f |
| Brain and Other nervous | 327 | 3.4 | 0.6 | 1.6 | 0.3 | 890 | 0.9 | -0.8 ^c | -1.1 ^c | -1.5 ^c | 54.5 | 73.3 ^f |
| Leukemia | 363 | 3.8 | 0.6 | 1.0 | -0.9 | 715 | 0.7 | -5.2 ^c | -5.7 ^c | -4.8 ^c | 47.0 | 81.3 ^f |
| Acute lymphocytic | 304 | 3.1 | 0.9 ^c | 1.8 | -0.4 | 387 | 0.4 | -6.0 ^c | -6.6 ^c | -4.8 ^{cd} | 54.2 | 84.1 ^f |
| <u>Ages 10-14</u> | | | | | | | | | | | | |
| All Sites | 1,236 | 12.8 | 0.8 ^c | 1.1 | 0.5 | 2,604 | 2.5 | -2.3 ^c | -2.7 ^c | -1.8 ^{cd} | 55.1 | 79.2 ^f |
| Bone and Joint | 116 | 1.2 | 0.2 | 2.7 ^c | -1.1 ^d | 306 | 0.3 | -1.6 ^c | -3.3 ^c | 0.9 ^d | 53.6 ^g | 70.8 ^f |
| Brain and Other nervous | 286 | 3.0 | 1.5 ^c | 0.6 | 0.7 | 684 | 0.7 | -1.4 ^c | -2.1 ^c | -1.2 ^c | 58.7 | 79.1 ^f |
| Hodgkin lymphoma | 113 | 1.2 | -0.9 ^c | -1.1 | -1.7 | 29 | 0.0 | -4.4 ^c | -4.3 | -3.9 | 75.0 ^g | 95.1 ^f |
| Leukemia | 242 | 2.5 | 0.4 | 2.9 | 0.3 | 872 | 0.8 | -3.1 ^c | -3.2 ^c | -3.1 ^c | 28.5 | 67.8 ^f |
| Acute lymphocytic | 165 | 1.7 | 0.8 | 3.6 | -0.4 ^e | 432 | 0.4 | -3.4 ^c | -2.8 ^c | -3.3 ^c | 36.6 ^g | 76.8 ^f |
| <u>Ages 15-19</u> | | | | | | | | | | | | |
| All Sites | 1,921 | 20.6 | 0.6 ^c | 1.1 ^c | 0.1 ^d | 3,665 | 3.6 | -2.0 ^c | -2.4 ^c | -1.6 ^{cd} | 63.8 | 79.5 ^f |
| Bone and Joint | 136 | 1.5 | 0.6 | 1.4 | 0.6 | 523 | 0.5 | -1.5 ^c | -2.8 ^c | 0.3 ^d | 47.4 ^g | 62.7 ^f |
| Melanoma of the skin | 146 | 1.6 | 1.3 ^c | 0.9 | -0.5 | 44 | 0.0 | -3.1 ^c | -4.0 ^c | -5.3 ^c | 76.3 ^g | 96.0 ^f |
| Testis(males) | 163 | 3.4 | 1.4 ^c | 1.6 | 1.1 | 36 | 0.1 | -7.4 ^c | -10.6 ^c | -4.8 ^{cd} | 55.3 ^g | 90.9 ^f |
| Brain and Other nervous | 178 | 1.9 | 0.4 | 1.4 | -1.4 | 547 | 0.5 | -1.2 ^c | -1.0 | -1.3 ^c | 58.4 ^g | 79.1 ^f |
| Thyroid | 184 | 2.0 | 1.3 ^c | 1.5 | 2.3 | - | - | - | - | - | 100.0 | 98.4 |
| Hodgkin lymphoma | 289 | 3.1 | -0.7 ^c | 0.1 | -2.2 ^{cd} | 126 | 0.1 | -4.2 ^c | -2.8 ^c | -3.9 ^c | 88.3 | 94.7 ^f |
| Non-Hodgkin lymphoma | 151 | 1.6 | 1.7 ^c | 3.5 ^c | 0.6 | 275 | 0.3 | -2.7 ^c | -2.5 ^c | -3.4 ^c | 40.5 ^g | 74.0 ^f |
| Leukemia | 248 | 2.7 | 0.8 ^c | -0.3 | 1.4 | 1,134 | 1.1 | -2.0 ^c | -2.2 ^c | -2.1 ^c | 21.5 | 52.8 ^f |
| Acute lymphocytic | 128 | 1.4 | 1.0 ^c | 1.6 | 0.8 | 491 | 0.5 | -1.9 ^c | -1.2 | -2.0 ^c | 21.2 ^g | 57.9 ^f |

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

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Survival rates are expressed as percents.

^a SEER 9 areas.

^b NCHS public use data file for the total US.

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

^d The APC for 1989-2002 is significantly different from the APC for 1975-1988 (p<.05).

^e The APC for 1989-2002 is significantly different from the APC for 1975-1988 (p<.10).

^f The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).

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

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

ⁱ Sites were chosen based on more than 100 SEER incident cases between 1998-2002.

- Statistic could not be calculated.

Table XXIX-6

5-YEAR RELATIVE SURVIVAL RATES, 1985-2001^a

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

| ICCC Group & Subgroup | Ages 0-19 by Sex | | | Both Sexes by Age | | | | | |
|---|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|
| | Total | Male | Female | <1 | 1-4 | 5-9 | 10-14 | 15-19 | 0-14 |
| All Groups Combined | 76.4 | 74.5 | 78.6 | 72.6 | 76.6 | 75.6 | 75.5 | 78.1 | 75.6 |
| I Leukemia | 71.7 | 70.0 | 73.8 | 45.3 | 82.6 | 77.7 | 62.4 | 48.0 | 75.6 |
| I(a) Lymphoid leukemia | 79.8 | 78.4 | 81.7 | 44.6 | 88.5 | 82.5 | 72.0 | 53.9 | 82.7 |
| Acute lymphoblastic leukemia (ALL) | 79.9 | 78.4 | 81.9 | 45.6 | 88.4 | 82.6 | 71.8 | 54.1 | 82.7 |
| I(b) Acute non-lymphocytic leukemia | 42.4 | 38.3 | 46.7 | 40.6 ^b | 43.8 | 51.0 | 38.6 | 39.4 | 43.6 |
| II Lymphomas & reticuloendothelial neo. | 85.3 | 83.6 | 87.5 | - | 78.2 | 85.2 | 86.4 | 85.7 | 84.8 |
| II(a) Hodgkin lymphoma | 92.8 | 92.3 | 93.2 | - | - | 92.2 | 93.8 | 92.3 | 93.7 |
| II(b,c,e) Non-Hodgkin lymphoma | 76.3 | 75.9 | 77.0 | - | 76.1 | 82.5 | 78.7 | 71.3 | 79.4 |
| III CNS and misc intracranial & intraspinal neo. | 69.1 | 69.5 | 68.6 | 52.2 | 64.0 | 68.5 | 74.7 | 76.6 | 67.6 |
| III(a) Ependymoma | 62.8 | 64.5 | 59.9 | 39.3 ^b | 53.1 | 73.5 ^b | 76.2 ^b | 92.8 ^b | 59.5 |
| III(b) Astrocytoma | 78.6 | 78.0 | 79.4 | 75.6 ^b | 83.9 | 77.2 | 78.3 | 75.6 | 79.4 |
| III(c) Primitive neuroectodermal tumors | 59.6 | 61.7 | 56.3 | 23.3 ^b | 49.8 | 72.7 | 68.8 | 71.7 ^b | 58.5 |
| III(d) Other gliomas | 58.5 | 61.4 | 55.0 | - | 50.8 | 40.9 | 67.5 | 78.5 | 53.3 |
| IV Sympathetic nervous system tumors | 66.3 | 65.2 | 67.5 | 85.9 | 55.3 | 47.5 ^b | 63.2 ^b | 52.3 ^c | 66.7 |
| IV(a) Neuroblastoma and ganglioneuroblastoma | 66.2 | 65.4 | 67.2 | 86.2 | 55.0 | 45.9 ^b | - | - | 66.8 |
| V Retinoblastoma | 95.5 | 95.6 | 95.4 | 95.7 | 94.7 | - | - | - | 95.4 |
| VI Renal tumors | 89.9 | 88.7 | 91.0 | 89.5 | 92.6 | 88.4 | 80.6 ^b | 71.4 ^b | 90.7 |
| VI(a) Wilms' tumor, rhabdoid & clear cell sarcoma | 90.7 | 89.6 | 91.7 | 89.5 | 92.5 | 88.1 | - | - | 90.9 |
| VII Hepatic tumors | 52.0 | 50.2 | 53.9 ^b | 69.7 ^b | 56.1 ^b | - | - | 15.0 ^b | 57.6 |
| VII(a) Hepatoblastoma | 61.6 | 57.5 ^b | 66.2 ^b | 70.3 ^b | 57.6 ^b | - | - | - | 62.0 |
| VIII Malignant bone tumors | 65.4 | 63.7 | 67.9 | - | - | 71.4 | 67.5 | 62.0 | 68.0 |
| VIII(a) Osteosarcoma | 64.3 | 62.4 | 67.0 | - | - | 64.3 ^b | 68.5 | 61.0 | 66.7 |
| VIII(c) Ewing's sarcoma | 61.5 | 58.7 | 65.5 | - | - | 76.4 ^b | 61.5 | 54.7 | 66.2 |
| IX Soft-tissue sarcomas | 71.2 | 70.8 | 71.6 | 58.3 ^b | 77.7 | 73.6 | 74.5 | 66.2 | 73.6 |
| IX(a) Rhabdomyosarcoma & embryonal sarcoma | 63.7 | 65.9 | 60.2 | 41.6 ^b | 80.4 | 66.8 | 54.4 ^b | 47.6 ^b | 67.4 |
| X Germ-cell, trophoblastic & other gonadal neo. | 89.0 | 88.1 | 90.3 | 80.9 | 93.0 | 85.0 | 87.8 | 90.1 | 87.0 |
| X(a) Intracranial & intraspinal germ-cell tumors | 80.2 | 79.0 | 84.0 ^b | - | - | 76.8 ^b | 84.6 | 84.7 | 76.8 |
| X(c) Gonadal germ-cell tumors | 94.7 | 94.5 | 94.9 | 100.0 | 100.0 | - | 96.6 | 93.5 | 98.4 |
| XI Carcinomas & other malignant epithelial neo. | 89.9 | 83.8 | 92.9 | - | - | 90.6 | 90.9 | 90.0 | 89.5 |
| XI(b) Thyroid carcinoma | 98.5 | 96.8 | 98.8 | - | - | 100.0 | 97.2 | 98.8 | 97.6 |
| XI(d) Malignant melanoma | 92.9 | 90.6 | 94.4 | - | - | 100.0 | 87.9 | 94.2 | 88.6 |

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2002.

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

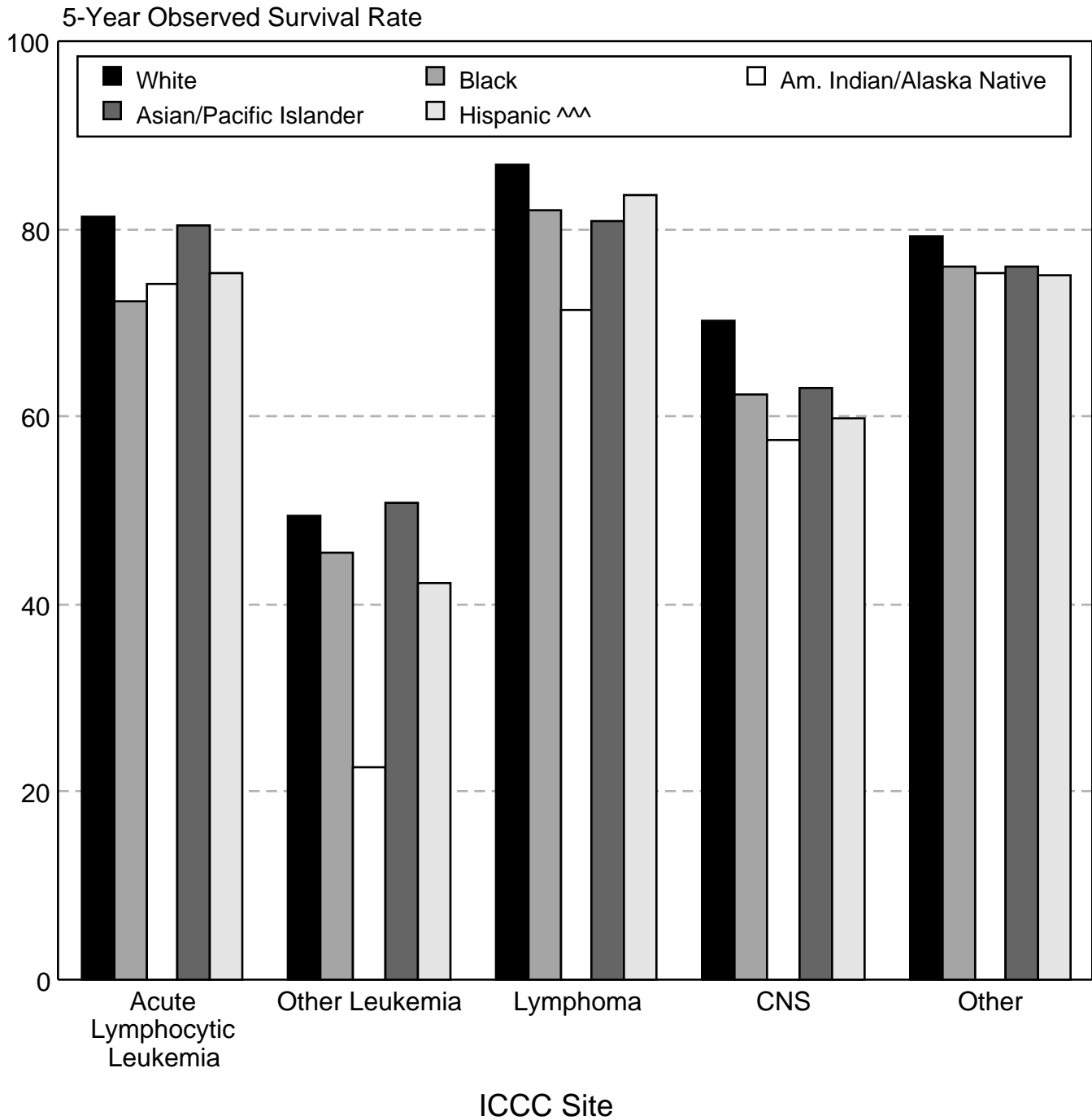
^c The standard error of the survival rate is greater than 10 percentage points.

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

Neoplasms are abbreviated as neo.

Survival rates are relative rates expressed as percents.

SEER Childhood Cancer 1990-2001 5-Year Observed Survival Rates by ICCC Group and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^^^ Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics excludes cases from Detroit, Hawaii, Alaska Native Registry and Rural Georgia.