

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 | | | | | | | | |
| All Sites | 469.7 | 553.3 | 413.5 | 197.8 | 247.5 | 165.5 | 65.0 | 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.