

Table 1.5
Age-Adjusted SEER Incidence and U.S. Death Rates and 5-Year Relative Survival (Percent)
By Primary Cancer Site, Sex and Time Period

All Races

| Site | Incidence ^a (2007-2011) | | | US Mortality ^b (2007-2011) | | | Survival ^c (%) (2004-2010) | | |
|---------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| All Sites | 460.4 | 529.4 | 411.3 | 173.8 | 211.6 | 147.4 | 66.1 | 66.5 | 65.6 |
| Oral Cavity & Pharynx: | 11.0 | 16.5 | 6.2 | 2.5 | 3.8 | 1.4 | 62.7 | 61.9 | 64.6 |
| Lip | 0.7 | 1.1 | 0.3 | 0.0 | 0.0 | 0.0 | 89.5 | 90.5 | 86.5 |
| Tongue | 3.2 | 4.8 | 1.8 | 0.6 | 0.9 | 0.4 | 62.7 | 62.9 | 62.2 |
| Salivary gland | 1.3 | 1.7 | 1.0 | 0.2 | 0.4 | 0.1 | 72.4 | 65.4 | 81.5 |
| Floor of mouth | 0.6 | 0.8 | 0.3 | 0.0 | 0.0 | 0.0 | 51.4 | 49.1 | 57.4 |
| Gum & other oral cavity | 1.5 | 1.8 | 1.3 | 0.4 | 0.4 | 0.3 | 59.7 | 57.9 | 61.8 |
| Nasopharynx | 0.7 | 1.0 | 0.4 | 0.2 | 0.3 | 0.1 | 59.2 | 57.9 | 62.4 |
| Tonsil | 1.8 | 3.1 | 0.6 | 0.2 | 0.4 | 0.1 | 70.8 | 71.6 | 67.0 |
| Oropharynx | 0.4 | 0.7 | 0.2 | 0.2 | 0.4 | 0.1 | 41.7 | 43.1 | 36.5 |
| Hypopharynx | 0.6 | 1.1 | 0.2 | 0.1 | 0.2 | 0.0 | 31.9 | 31.5 | 33.6 |
| Other oral cavity & pharynx | 0.2 | 0.3 | 0.1 | 0.5 | 0.8 | 0.2 | 35.4 | 37.3 | 30.6 |
| Digestive System: | 84.3 | 103.2 | 68.9 | 42.5 | 54.6 | 32.8 | 44.3 | 42.6 | 46.4 |
| Esophagus | 4.4 | 7.7 | 1.8 | 4.2 | 7.5 | 1.6 | 17.5 | 17.6 | 17.2 |
| Stomach | 7.5 | 10.3 | 5.3 | 3.5 | 4.7 | 2.5 | 28.3 | 26.6 | 30.8 |
| Small intestine | 2.1 | 2.5 | 1.8 | 0.4 | 0.4 | 0.3 | 65.2 | 65.1 | 65.3 |
| Colon & Rectum: | 43.7 | 50.6 | 38.2 | 15.9 | 19.1 | 13.5 | 64.7 | 65.0 | 64.5 |
| Colon | 31.1 | 34.8 | 28.2 | - | - | - | 64.0 | 64.5 | 63.6 |
| Rectum | 12.6 | 15.7 | 10.0 | - | - | - | 66.5 | 66.0 | 67.2 |
| Anus, anal canal & anorectum | 1.8 | 1.5 | 2.0 | 0.2 | 0.2 | 0.3 | 65.5 | 60.8 | 68.6 |
| Liver & intrahepatic bile duct | 7.9 | 12.4 | 4.1 | 5.8 | 8.5 | 3.4 | 16.6 | 16.4 | 17.2 |
| Gallbladder | 1.2 | 0.8 | 1.4 | 0.6 | 0.5 | 0.7 | 17.4 | 15.5 | 18.2 |
| Other biliary | 1.9 | 2.3 | 1.5 | 0.4 | 0.5 | 0.4 | 16.3 | 17.6 | 14.8 |
| Pancreas | 12.3 | 14.0 | 10.9 | 10.9 | 12.5 | 9.6 | 6.7 | 6.3 | 7.0 |
| Retroperitoneum | 0.4 | 0.4 | 0.4 | 0.1 | 0.1 | 0.1 | 54.4 | 55.1 | 53.6 |
| Peritoneum, omentum & mesentery | 0.6 | 0.1 | 1.1 | 0.3 | 0.1 | 0.4 | 31.6 | 44.5 | 30.7 |
| Other digestive system | 0.6 | 0.7 | 0.5 | 0.3 | 0.4 | 0.2 | 11.3 | 10.4 | 12.1 |
| Respiratory System: | 64.3 | 79.3 | 53.0 | 49.8 | 64.0 | 39.1 | 19.8 | 18.9 | 20.9 |
| Nose, nasal cavity & middle ear | 0.7 | 0.9 | 0.5 | 0.1 | 0.2 | 0.1 | 54.7 | 55.7 | 53.4 |
| Larynx | 3.3 | 5.9 | 1.2 | 1.1 | 2.0 | 0.4 | 60.0 | 61.0 | 56.1 |
| Lung & bronchus | 60.1 | 72.2 | 51.1 | 48.4 | 61.6 | 38.5 | 16.8 | 14.4 | 19.6 |
| Pleura ^d | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 19.3 | 16.4 | 23.5 |
| Trachea & other respiratory organs | 0.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.0 | 48.8 | 50.2 | 45.0 |
| Bones & joints | 0.9 | 1.1 | 0.8 | 0.4 | 0.5 | 0.3 | 66.6 | 64.9 | 68.7 |
| Soft tissue (including heart) | 3.3 | 4.0 | 2.8 | 1.3 | 1.5 | 1.1 | 65.3 | 64.5 | 66.4 |
| Skin (excl. basal & squamous): | 23.3 | 30.5 | 18.1 | 3.6 | 5.6 | 2.1 | 90.7 | 88.7 | 93.2 |
| Melanoma of the skin | 21.3 | 27.7 | 16.7 | 2.7 | 4.1 | 1.7 | 91.3 | 89.3 | 93.7 |
| Other non-epithelial skin | 2.0 | 2.8 | 1.4 | 0.9 | 1.5 | 0.4 | 84.3 | 81.7 | 87.7 |
| Breast | 67.1 | 1.2 | 124.6 | 12.4 | 0.3 | 22.2 | 89.2 | 83.2 | 89.2 |
| Breast (<i>in situ</i>) | 16.8 | 0.2 | 31.7 | - | - | - | 100.0 | 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 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^b US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^c SEER 18 areas. Based on follow-up of patients into 2011.

^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 16 cases in the time interval.

Table 1.5 - continued
 Age-Adjusted SEER Incidence and U.S. Death Rates and 5-Year Relative Survival (Percent)
 By Primary Cancer Site, Sex and Time Period

All Races

| Site | Incidence ^a (2007-2011) | | | US Mortality ^b (2007-2011) | | | Survival ^c (%) (2004-2010) | | |
|---------------------------------------|---------------------------------------|-------|---------|--|-------|---------|--|-------|---------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| Female Genital System: | 26.1 | - | 48.8 | 8.6 | - | 15.5 | 68.4 | - | 68.4 |
| Cervix uteri | 4.0 | - | 7.8 | 1.2 | - | 2.3 | 67.9 | - | 67.9 |
| Corpus uteri | 12.8 | - | 23.9 | 1.1 | - | 1.9 | 82.8 | - | 82.8 |
| Uterus, NOS | 0.4 | - | 0.7 | 1.4 | - | 2.4 | 26.4 | - | 26.4 |
| Ovary ^d | 6.6 | - | 12.3 | 4.4 | - | 7.9 | 44.6 | - | 44.6 |
| Vagina | 0.4 | - | 0.7 | 0.1 | - | 0.2 | 51.8 | - | 51.8 |
| Vulva | 1.3 | - | 2.4 | 0.3 | - | 0.5 | 70.5 | - | 70.5 |
| Other female genital system | 0.5 | - | 1.0 | 0.1 | - | 0.2 | 59.1 | - | 59.1 |
| Male Genital System: | 70.3 | 154.5 | - | 9.0 | 22.8 | - | 98.6 | 98.6 | - |
| Prostate | 67.0 | 147.8 | - | 8.8 | 22.3 | - | 98.9 | 98.9 | - |
| Testis | 2.8 | 5.6 | - | 0.1 | 0.2 | - | 95.3 | 95.3 | - |
| Penis | 0.4 | 0.9 | - | 0.1 | 0.2 | - | 67.9 | 67.9 | - |
| Other male genital system | 0.1 | 0.3 | - | 0.0 | 0.0 | - | 86.9 | 86.9 | - |
| Urinary System: | 36.9 | 58.8 | 20.1 | 8.6 | 13.8 | 4.9 | 74.7 | 75.9 | 72.2 |
| Urinary bladder | 20.5 | 36.2 | 8.8 | 4.4 | 7.7 | 2.2 | 77.4 | 78.9 | 72.7 |
| Kidney & renal pelvis | 15.5 | 21.2 | 10.7 | 4.0 | 5.8 | 2.6 | 72.4 | 72.1 | 72.9 |
| Ureter | 0.6 | 0.8 | 0.4 | 0.1 | 0.1 | 0.1 | 47.6 | 47.6 | 47.9 |
| Other urinary system | 0.3 | 0.5 | 0.2 | 0.1 | 0.2 | 0.1 | 50.7 | 54.6 | 44.3 |
| Eye & Orbit | 0.8 | 0.9 | 0.7 | 0.1 | 0.1 | 0.1 | 81.8 | 82.0 | 81.7 |
| Brain & Nervous System: ^e | 6.4 | 7.6 | 5.4 | 4.3 | 5.2 | 3.5 | 33.4 | 32.5 | 34.5 |
| Brain | 6.0 | 7.3 | 5.0 | - | - | - | 30.3 | 29.8 | 30.9 |
| Cranial nerves & other nervous system | 0.4 | 0.4 | 0.4 | - | - | - | 77.2 | 75.6 | 78.7 |
| Endocrine System: | 13.6 | 7.3 | 19.8 | 0.8 | 0.8 | 0.8 | 95.8 | 91.4 | 97.2 |
| Thyroid | 12.9 | 6.4 | 19.1 | 0.5 | 0.5 | 0.5 | 97.8 | 95.6 | 98.5 |
| Other endocrine & thymus | 0.8 | 0.9 | 0.7 | 0.3 | 0.3 | 0.3 | 64.1 | 64.0 | 64.3 |
| Lymphoma: | 22.4 | 27.0 | 18.8 | 6.7 | 8.5 | 5.3 | 71.6 | 70.4 | 73.0 |
| Hodgkin lymphoma | 2.7 | 3.1 | 2.4 | 0.4 | 0.5 | 0.3 | 85.3 | 84.4 | 86.4 |
| Non-Hodgkin lymphoma | 19.7 | 23.9 | 16.3 | 6.3 | 8.1 | 5.0 | 69.3 | 68.0 | 70.9 |
| Myeloma | 6.1 | 7.7 | 4.9 | 3.4 | 4.3 | 2.7 | 44.9 | 46.0 | 43.5 |
| Leukemia: | 13.0 | 16.7 | 10.2 | 7.0 | 9.4 | 5.3 | 57.2 | 58.0 | 56.2 |
| Lymphocytic: | 6.5 | 8.6 | 4.9 | 2.0 | 2.8 | 1.4 | 76.4 | 76.5 | 76.1 |
| Acute lymphocytic | 1.7 | 1.9 | 1.5 | 0.5 | 0.5 | 0.4 | 66.7 | 67.1 | 66.3 |
| Chronic lymphocytic | 4.4 | 6.0 | 3.1 | 1.4 | 2.0 | 0.9 | 80.2 | 79.5 | 81.1 |
| Other lymphocytic | 0.4 | 0.6 | 0.2 | 0.1 | 0.2 | 0.1 | 81.1 | 85.4 | 69.1 |
| Myeloid & Monocytic: | 5.9 | 7.3 | 4.8 | 3.4 | 4.5 | 2.6 | 36.3 | 36.0 | 36.7 |
| Acute myeloid | 3.8 | 4.6 | 3.2 | 2.8 | 3.7 | 2.2 | 24.9 | 23.9 | 26.1 |
| Chronic myeloid | 1.7 | 2.2 | 1.2 | 0.3 | 0.4 | 0.2 | 62.0 | 61.2 | 63.0 |
| Acute monocytic | 0.3 | 0.3 | 0.2 | 0.0 | 0.0 | 0.0 | 22.5 | 21.5 | 23.6 |
| Other myeloid & monocytic | 0.2 | 0.2 | 0.1 | 0.2 | 0.3 | 0.1 | 33.4 | 32.7 | 34.2 |
| Other leukemia: | 0.6 | 0.8 | 0.5 | 1.7 | 2.2 | 1.3 | 30.8 | 30.9 | 30.5 |
| Other acute leukemia | 0.2 | 0.3 | 0.2 | 0.6 | 0.8 | 0.5 | 18.4 | 18.7 | 18.1 |
| Aleukemic, subleukemic & NOS | 0.4 | 0.5 | 0.3 | 1.0 | 1.4 | 0.8 | 39.0 | 40.0 | 38.0 |
| Kaposi Sarcoma ^f | 0.5 | 1.0 | 0.1 | - | - | - | 72.1 | 71.5 | 76.5 |
| Mesothelioma ^f | 1.0 | 1.9 | 0.4 | - | - | - | 8.3 | 6.6 | 13.5 |
| Ill-defined & unspecified | 8.9 | 10.3 | 7.8 | 12.9 | 16.3 | 10.3 | 17.2 | 21.3 | 13.2 |

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 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^b US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^c SEER 18 areas. Based on follow-up of patients into 2011.

^d Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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

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

- Statistic could not be calculated due to less than 16 cases in the time interval.