

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

| Site                                  | Whites                                |       |         |                                          |       |         |                                      |       |         |
|---------------------------------------|---------------------------------------|-------|---------|------------------------------------------|-------|---------|--------------------------------------|-------|---------|
|                                       | Incidence <sup>a</sup><br>(2001-2005) |       |         | US Mortality <sup>b</sup><br>(2001-2005) |       |         | Survival <sup>c</sup><br>(1996-2004) |       |         |
|                                       | Total                                 | Males | Females | Total                                    | Males | Females | Total                                | Males | Females |
| All Sites                             | 475.3                                 | 551.4 | 423.6   | 188.0                                    | 230.7 | 159.2   | 66.2                                 | 66.0  | 66.4    |
| Oral Cavity & Pharynx:                | 10.6                                  | 15.7  | 6.1     | 2.5                                      | 3.8   | 1.5     | 61.6                                 | 61.0  | 62.9    |
| Lip                                   | 0.9                                   | 1.6   | 0.4     | 0.0                                      | 0.0   | 0.0     | 90.6                                 | 90.5  | 90.3    |
| Tongue                                | 2.9                                   | 4.3   | 1.7     | 0.6                                      | 0.9   | 0.4     | 60.0                                 | 59.8  | 60.4    |
| Salivary gland                        | 1.2                                   | 1.7   | 0.9     | 0.2                                      | 0.4   | 0.2     | 73.6                                 | 69.0  | 79.7    |
| Floor of mouth                        | 0.7                                   | 1.0   | 0.4     | 0.0                                      | 0.1   | 0.0     | 53.1                                 | 51.7  | 55.9    |
| Gum & other<br>oral cavity            | 1.5                                   | 1.8   | 1.3     | 0.4                                      | 0.5   | 0.3     | 59.9                                 | 57.1  | 63.2    |
| Nasopharynx                           | 0.4                                   | 0.6   | 0.2     | 0.2                                      | 0.2   | 0.1     | 54.4                                 | 54.8  | 53.1    |
| Tonsil                                | 1.6                                   | 2.6   | 0.6     | 0.2                                      | 0.3   | 0.1     | 66.1                                 | 67.3  | 61.0    |
| Oropharynx                            | 0.3                                   | 0.5   | 0.2     | 0.2                                      | 0.3   | 0.1     | 40.1                                 | 40.1  | 39.9    |
| Hypopharynx                           | 0.7                                   | 1.2   | 0.3     | 0.1                                      | 0.2   | 0.0     | 31.0                                 | 31.3  | 29.9    |
| Other oral cavity<br>& pharynx        | 0.2                                   | 0.3   | 0.1     | 0.5                                      | 0.8   | 0.2     | 36.0                                 | 36.4  | 34.7    |
| Digestive System:                     | 86.4                                  | 105.7 | 71.0    | 43.5                                     | 55.8  | 33.8    | 46.1                                 | 44.3  | 48.1    |
| Esophagus                             | 4.6                                   | 8.0   | 1.9     | 4.4                                      | 7.8   | 1.6     | 16.7                                 | 16.5  | 17.6    |
| Stomach                               | 7.0                                   | 10.0  | 4.7     | 3.6                                      | 5.0   | 2.5     | 22.8                                 | 21.2  | 25.5    |
| Small intestine                       | 1.8                                   | 2.1   | 1.5     | 0.3                                      | 0.4   | 0.3     | 59.7                                 | 59.2  | 60.3    |
| Colon & Rectum:                       | 50.1                                  | 58.9  | 43.2    | 18.3                                     | 22.1  | 15.3    | 65.3                                 | 65.4  | 65.2    |
| Colon                                 | 36.2                                  | 41.1  | 32.4    | -                                        | -     | -       | 64.9                                 | 65.4  | 64.5    |
| Rectum                                | 13.9                                  | 17.8  | 10.8    | -                                        | -     | -       | 66.2                                 | 65.5  | 67.0    |
| Anus, anal canal &<br>anorectum       | 1.6                                   | 1.4   | 1.8     | 0.2                                      | 0.2   | 0.2     | 67.4                                 | 61.2  | 71.6    |
| Liver & Intrahep:                     | 5.4                                   | 8.2   | 2.9     | 4.6                                      | 6.7   | 2.9     | 11.4                                 | 11.0  | 12.3    |
| Liver                                 | 4.8                                   | 7.6   | 2.5     | 3.5                                      | 5.4   | 1.9     | 12.2                                 | 11.4  | 13.9    |
| Intrahep bile duct                    | 0.5                                   | 0.6   | 0.5     | 1.1                                      | 1.3   | 1.0     | 6.2                                  | 6.2   | 6.1     |
| Gallbladder                           | 1.1                                   | 0.8   | 1.4     | 0.6                                      | 0.5   | 0.8     | 14.6                                 | 13.1  | 15.1    |
| Other biliary                         | 1.7                                   | 2.1   | 1.4     | 0.5                                      | 0.6   | 0.5     | 18.7                                 | 20.1  | 17.3    |
| Pancreas                              | 11.4                                  | 13.0  | 10.0    | 10.4                                     | 12.1  | 9.0     | 5.0                                  | 5.1   | 4.9     |
| Retroperitoneum                       | 0.4                                   | 0.5   | 0.4     | 0.1                                      | 0.1   | 0.1     | 53.9                                 | 50.2  | 57.6    |
| Peritoneum, omentum &<br>mesentery    | 0.7                                   | 0.1   | 1.2     | 0.3                                      | 0.1   | 0.4     | 30.7                                 | 37.8  | 30.2    |
| Other digestive<br>system             | 0.5                                   | 0.6   | 0.4     | 0.3                                      | 0.3   | 0.2     | 8.8                                  | 7.8   | 9.8     |
| Respiratory System:                   | 69.7                                  | 86.9  | 56.9    | 55.9                                     | 74.0  | 42.7    | 18.9                                 | 18.4  | 19.5    |
| Nose, nasal cavity &<br>middle ear    | 0.7                                   | 0.8   | 0.5     | 0.2                                      | 0.2   | 0.1     | 55.7                                 | 52.8  | 59.8    |
| Larynx                                | 3.6                                   | 6.3   | 1.4     | 1.2                                      | 2.1   | 0.5     | 63.9                                 | 65.0  | 59.8    |
| Lung & bronchus                       | 65.1                                  | 79.3  | 54.9    | 54.4                                     | 71.3  | 42.0    | 15.5                                 | 13.4  | 17.9    |
| Pleura <sup>d</sup>                   | 0.0                                   | 0.1   | 0.0     | 0.1                                      | 0.2   | 0.0     | 30.0                                 | 28.3  | 27.8    |
| Trachea & other<br>respiratory organs | 0.2                                   | 0.3   | 0.1     | 0.1                                      | 0.1   | 0.1     | 48.4                                 | 48.7  | 46.9    |
| Bones & joints                        | 1.0                                   | 1.1   | 0.8     | 0.4                                      | 0.6   | 0.4     | 68.2                                 | 64.4  | 72.9    |
| Soft tissue (incl heart)              | 3.2                                   | 3.8   | 2.7     | 1.3                                      | 1.4   | 1.1     | 67.4                                 | 67.6  | 67.2    |
| Skin (ex basal & squam):              | 24.5                                  | 31.0  | 19.9    | 3.9                                      | 5.9   | 2.4     | 90.6                                 | 88.4  | 93.2    |
| Melanoma of the skin                  | 22.6                                  | 28.5  | 18.5    | 3.0                                      | 4.4   | 2.0     | 90.9                                 | 88.8  | 93.5    |
| Other non-epithelial<br>skin          | 1.9                                   | 2.5   | 1.4     | 0.9                                      | 1.5   | 0.5     | 86.0                                 | 83.4  | 89.3    |
| Breast                                | 70.4                                  | 1.2   | 130.6   | 13.7                                     | 0.3   | 24.4    | 89.9                                 | 86.8  | 89.9    |
| Breast ( <i>in situ</i> )             | 16.0                                  | 0.1   | 30.3    | -                                        | -     | -       | 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).

<sup>a</sup> SEER 17 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 and New Jersey).

<sup>b</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> SEER 17 areas. California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2004. The remaining 13 SEER Areas contribute cases for the entire period 1996-2004.

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

| Site                                  | Whites                                |       |         |                                          |       |         |                                      |       |         |
|---------------------------------------|---------------------------------------|-------|---------|------------------------------------------|-------|---------|--------------------------------------|-------|---------|
|                                       | Incidence <sup>a</sup><br>(2001-2005) |       |         | US Mortality <sup>b</sup><br>(2001-2005) |       |         | Survival <sup>c</sup><br>(1996-2004) |       |         |
|                                       | Total                                 | Males | Females | Total                                    | Males | Females | Total                                | Males | Females |
| Female Genital System:                | 26.9                                  | -     | 50.3    | 9.0                                      | -     | 16.2    | 70.8                                 | -     | 70.8    |
| Cervix uteri                          | 4.2                                   | -     | 8.2     | 1.2                                      | -     | 2.3     | 72.5                                 | -     | 72.5    |
| Corpus uteri                          | 12.8                                  | -     | 23.8    | 1.0                                      | -     | 1.9     | 85.6                                 | -     | 85.6    |
| Uterus, NOS                           | 0.3                                   | -     | 0.5     | 1.2                                      | -     | 2.0     | 30.9                                 | -     | 30.9    |
| Ovary <sup>d</sup>                    | 7.6                                   | -     | 14.1    | 5.1                                      | -     | 9.2     | 45.3                                 | -     | 45.3    |
| Vagina                                | 0.4                                   | -     | 0.7     | 0.1                                      | -     | 0.2     | 52.7                                 | -     | 52.7    |
| Vulva                                 | 1.3                                   | -     | 2.3     | 0.3                                      | -     | 0.5     | 77.1                                 | -     | 77.1    |
| Other female genital system           | 0.4                                   | -     | 0.7     | 0.1                                      | -     | 0.2     | 63.2                                 | -     | 63.2    |
| Male Genital System:                  | 73.5                                  | 164.1 | -       | 9.6                                      | 25.1  | -       | 99.1                                 | 99.1  | -       |
| Prostate                              | 69.8                                  | 156.7 | -       | 9.3                                      | 24.6  | -       | 99.5                                 | 99.5  | -       |
| Testis                                | 3.2                                   | 6.3   | -       | 0.1                                      | 0.3   | -       | 95.8                                 | 95.8  | -       |
| Penis                                 | 0.4                                   | 0.8   | -       | 0.1                                      | 0.2   | -       | 67.9                                 | 67.9  | -       |
| Other male genital system             | 0.1                                   | 0.2   | -       | 0.0                                      | 0.0   | -       | 85.2                                 | 85.2  | -       |
| Urinary System:                       | 37.5                                  | 60.6  | 20.1    | 9.0                                      | 14.3  | 5.2     | 74.7                                 | 76.0  | 71.7    |
| Urinary bladder                       | 23.0                                  | 40.6  | 10.0    | 4.5                                      | 7.9   | 2.2     | 80.5                                 | 81.6  | 77.1    |
| Kidney & renal pelvis                 | 13.7                                  | 18.8  | 9.5     | 4.3                                      | 6.2   | 2.8     | 66.5                                 | 66.1  | 67.2    |
| Ureter                                | 0.6                                   | 0.9   | 0.4     | 0.1                                      | 0.2   | 0.1     | 53.5                                 | 56.0  | 49.6    |
| Other urinary system                  | 0.3                                   | 0.4   | 0.1     | 0.1                                      | 0.1   | 0.1     | 56.7                                 | 60.2  | 50.0    |
| Eye & Orbit                           | 0.9                                   | 1.1   | 0.8     | 0.1                                      | 0.1   | 0.1     | 83.4                                 | 82.4  | 84.5    |
| Brain & Nervous System: <sup>e</sup>  | 7.1                                   | 8.4   | 6.0     | 4.7                                      | 5.7   | 3.9     | 33.4                                 | 31.8  | 35.4    |
| Brain                                 | 6.6                                   | 7.9   | 5.5     | -                                        | -     | -       | 30.3                                 | 29.1  | 31.9    |
| Cranial nerves & other nervous system | 0.4                                   | 0.4   | 0.5     | -                                        | -     | -       | 78.5                                 | 76.7  | 80.4    |
| Endocrine System:                     | 10.2                                  | 5.7   | 14.7    | 0.8                                      | 0.8   | 0.7     | 94.5                                 | 89.2  | 96.4    |
| Thyroid                               | 9.5                                   | 4.9   | 14.1    | 0.5                                      | 0.5   | 0.5     | 97.1                                 | 94.3  | 98.0    |
| Other endocrine & thymus              | 0.7                                   | 0.8   | 0.6     | 0.3                                      | 0.3   | 0.3     | 61.1                                 | 61.5  | 60.5    |
| Lymphoma:                             | 23.3                                  | 27.6  | 19.7    | 8.1                                      | 10.2  | 6.5     | 68.4                                 | 66.2  | 71.0    |
| Hodgkin lymphoma                      | 3.0                                   | 3.3   | 2.7     | 0.5                                      | 0.6   | 0.4     | 85.2                                 | 83.7  | 87.0    |
| Non-Hodgkin lymphoma                  | 20.3                                  | 24.3  | 17.1    | 7.6                                      | 9.7   | 6.2     | 65.3                                 | 62.9  | 68.0    |
| Myeloma                               | 5.2                                   | 6.6   | 4.1     | 3.4                                      | 4.3   | 2.8     | 34.7                                 | 36.3  | 32.9    |
| Leukemia:                             | 12.9                                  | 16.7  | 9.9     | 7.6                                      | 10.2  | 5.7     | 51.7                                 | 51.9  | 51.5    |
| Lymphocytic:                          | 6.5                                   | 8.6   | 4.7     | 2.2                                      | 3.1   | 1.5     | 73.0                                 | 72.5  | 73.7    |
| Acute lymphocytic                     | 1.7                                   | 2.0   | 1.5     | 0.5                                      | 0.6   | 0.4     | 65.2                                 | 64.3  | 66.3    |
| Chronic lymphocytic                   | 4.3                                   | 6.0   | 3.0     | 1.5                                      | 2.3   | 1.0     | 76.3                                 | 75.1  | 78.1    |
| Other lymphocytic                     | 0.4                                   | 0.7   | 0.2     | 0.1                                      | 0.2   | 0.1     | 82.0                                 | 84.9  | 74.4    |
| Myeloid & Monocytic:                  | 5.7                                   | 7.1   | 4.6     | 3.6                                      | 4.7   | 2.8     | 29.5                                 | 28.4  | 30.9    |
| Acute myeloid                         | 3.7                                   | 4.6   | 3.0     | 2.9                                      | 3.7   | 2.3     | 21.2                                 | 20.0  | 22.7    |
| Chronic myeloid                       | 1.5                                   | 2.0   | 1.2     | 0.4                                      | 0.6   | 0.3     | 49.3                                 | 47.7  | 51.4    |
| Acute monocytic                       | 0.3                                   | 0.4   | 0.3     | 0.0                                      | 0.1   | 0.0     | 24.0                                 | 22.4  | 25.4    |
| Other myeloid & monocytic             | 0.2                                   | 0.2   | 0.1     | 0.2                                      | 0.3   | 0.2     | 28.5                                 | 26.9  | 30.3    |
| Other:                                | 0.7                                   | 0.9   | 0.6     | 1.8                                      | 2.4   | 1.4     | 20.5                                 | 19.9  | 20.7    |
| Other acute                           | 0.3                                   | 0.4   | 0.3     | 0.8                                      | 1.1   | 0.6     | 10.7                                 | 7.9   | 12.6    |
| Aleukemic, subleuk & NOS              | 0.4                                   | 0.5   | 0.3     | 1.0                                      | 1.4   | 0.8     | 30.7                                 | 31.8  | 28.9    |
| Kaposi Sarcoma <sup>f</sup>           | 0.6                                   | 1.1   | 0.1     | -                                        | -     | -       | 60.6                                 | 59.4  | 79.1    |
| Mesothelioma <sup>f</sup>             | 1.2                                   | 2.2   | 0.5     | -                                        | -     | -       | 7.7                                  | 5.9   | 13.5    |
| Ill-defined & unspecified             | 10.5                                  | 11.9  | 9.4     | 14.5                                     | 18.2  | 11.8    | 16.3                                 | 20.0  | 12.9    |

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).

<sup>a</sup> SEER 17 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 and New Jersey).

<sup>b</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> SEER 17 areas. California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2004. The remaining 13 SEER Areas contribute cases for the entire period 1996-2004.

<sup>d</sup> Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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

<sup>f</sup> 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.