

Table 15.13
Small Cell Cancer of the Lung and Bronchus (Invasive)

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year, Stage and Age

| | All Races | | | Whites | | | Blacks | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1975-1977 ^a | 3.6 | 3.1 | 4.8 | 3.7 | 3.1 | 4.9 | 3.7 | 3.8 | 3.6 |
| 1978-1980 ^a | 4.2 | 3.2 | 6.4 | 4.3 | 3.3 | 6.4 | 3.1 | 2.4 | 5.0 |
| 1981-1983 ^a | 4.5 | 3.5 | 6.2 | 4.6 | 3.6 | 6.1 | 5.0 | 3.7 | 8.2 |
| 1984-1986 ^a | 4.5 | 3.5 | 6.2 | 4.7 | 3.6 | 6.4 | 3.5 | 2.2 | 5.6 |
| 1987-1989 ^a | 5.1 | 3.9 | 6.6 | 5.1 | 3.9 | 6.8 | 4.0 | 3.3 | 5.1 |
| 1990-1992 ^a | 5.4 | 4.5 | 6.4 | 5.5 | 4.5 | 6.6 | 3.9 | 3.9 | 3.9 |
| 1993-1995 ^a | 6.4 | 5.1 | 7.9 | 6.3 | 5.1 | 7.7 | 6.7 | 4.0 | 10.4 |
| 1996-1998 ^b | 5.9 | 5.2 | 6.5 | 6.1 | 5.4 | 6.7 | 3.6 | 2.7 | 4.5 |
| 1999-2003 ^a | 6.1 | 4.8 | 7.4 | 6.0 | 4.5 | 7.6 | 5.2 | 5.4 | 4.9 |
| 2004-2010 ^a | 6.6 ^e | 4.9 ^e | 8.3 ^e | 6.5 ^e | 4.8 ^e | 8.2 ^e | 6.9 ^e | 5.7 ^e | 8.0 |
| 5-Year Period Survival (Percent) ^{bc} | | | | | | | | | |
| 2010 | 6.5 | 5.2 | 7.8 | 6.4 | 5.0 | 7.7 | 7.4 | 6.2 | 8.5 |
| Stage Distribution (%) 2004-2010 ^{bd} | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 35,840 | 18,203 | 17,637 | 31,308 | 15,711 | 15,597 | 3,077 | 1,564 | 1,513 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 |
| Regional | 21 | 19 | 22 | 21 | 19 | 22 | 21 | 19 | 23 |
| Distant | 72 | 74 | 70 | 72 | 74 | 70 | 73 | 75 | 70 |
| Unstaged | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 5-Year Relative Survival (Percent), 2004-2010 ^b | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 10.1 | 10.3 | 9.8 | 8.9 | 9.2 | 8.4 | 15.6 | 17.4 ^f | 14.1 ^f |
| Ages 45-54 | 9.0 | 7.4 | 10.8 | 8.7 | 6.8 | 10.8 | 9.0 | 7.2 | 11.0 |
| Ages 55-64 | 8.1 | 5.8 | 10.7 | 8.1 | 5.9 | 10.4 | 7.8 | 4.8 | 12.2 |
| Ages 65-74 | 5.7 | 4.7 | 6.8 | 5.8 | 4.5 | 6.9 | 5.3 | 5.1 | 5.5 |
| Ages 75+ | 3.4 | 2.9 | 3.8 | 3.3 | 2.7 | 3.8 | 3.9 | 6.0 | 2.9 |
| Ages <65 | 8.4 | 6.5 | 10.6 | 8.3 | 6.3 | 10.4 | 8.7 | 6.0 | 12.0 |
| Ages 65+ | 4.7 | 3.9 | 5.5 | 4.7 | 3.8 | 5.6 | 4.7 | 5.3 | 4.2 |
| Stage ^d : | | | | | | | | | |
| All Stages | 6.3 | 5.0 | 7.6 | 6.2 | 4.9 | 7.5 | 6.8 | 5.7 | 7.8 |
| Localized | 24.2 | 20.7 | 27.3 | 24.5 | 21.0 | 27.7 | 20.7 | 20.9 ^f | 20.1 ^f |
| Regional | 14.3 | 12.0 | 16.4 | 14.3 | 11.7 | 16.4 | 14.9 | 13.3 | 16.1 |
| Distant | 2.8 | 2.3 | 3.4 | 2.7 | 2.1 | 3.2 | 3.5 | 2.5 | 4.7 |
| Unstaged | 7.8 | 6.6 | 9.0 | 7.7 | 5.4 | 9.9 | 10.4 | 19.1 ^f | - |

Note: Small Cell Cancer of the Lung and Bronchus includes histologies 8002, 8041-8045.

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2011.

^b 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).

Based on follow-up of patients into 2011.

^c Period survival provides a 2010 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2007-2009: 0-1 year survival), (2006-2008: 1-2 year survival), (2005-2007: 2-3 year survival), (2004-2006: 3-4 year survival), (2003-2005: 4-5 years survival).

^d Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.

^e The difference between 1975-1977 and 2004-2010 is statistically significant ($p < .05$).

^f The standard error is between 5 and 10 percentage points.

^g The standard error is greater than 10 percentage points.

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