

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 <sup>a</sup>	3.6	3.1	4.8	3.7	3.1	4.9	3.7	3.8	3.6
1978-1980 <sup>a</sup>	4.2	3.2	6.4	4.3	3.3	6.4	3.1	2.4	5.0
1981-1983 <sup>a</sup>	4.5	3.5	6.2	4.6	3.6	6.1	5.0	3.7	8.2
1984-1986 <sup>a</sup>	4.5	3.5	6.2	4.7	3.6	6.4	3.5	2.2	5.6
1987-1989 <sup>a</sup>	5.0	3.9	6.6	5.1	3.8	6.8	4.0	3.3	5.1
1990-1992 <sup>a</sup>	5.4	4.5	6.4	5.4	4.5	6.6	4.2	3.9	4.4
1993-1995 <sup>a</sup>	6.4	5.1	7.9	6.3	5.0	7.6	6.7	4.0	10.4
1996-1998 <sup>a</sup>	5.9	5.2	6.5	6.0	5.4	6.7	3.6	2.6	4.5
1999-2001 <sup>a</sup>	5.7	4.8	6.7	5.6	4.3	6.9	5.2	6.0	4.2
2002-2004 <sup>a</sup>	6.4	4.7	8.1	6.5	4.4	8.4	5.3	5.3	5.1
2005-2011 <sup>a</sup>	6.9 <sup>e</sup>	5.6 <sup>e</sup>	8.2 <sup>e</sup>	6.8 <sup>e</sup>	5.6 <sup>e</sup>	8.1 <sup>e</sup>	6.7 <sup>e</sup>	5.0 <sup>e</sup>	7.8
5-Year Period Survival (Percent) <sup>bc</sup>									
2011	6.5	5.4	7.6	6.4	5.2	7.6	7.1	6.8	7.5
Stage Distribution (%) 2005-2011 <sup>bd</sup>									
All Stages									
Number of cases	35,010	17,673	17,337	30,527	15,210	15,317	3,034	1,551	1,483
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	4	4	5	4	4	5	4	4	4
Regional	20	18	22	20	18	22	21	19	23
Distant	73	75	71	73	75	71	73	76	70
Unstaged	2	2	2	2	2	2	2	2	2
5-Year Relative Survival (Percent), 2005-2011 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	11.1	10.5	11.9	9.9	9.0	10.9	17.1 <sup>f</sup>	17.8 <sup>f</sup>	16.2 <sup>f</sup>
Ages 45-54	9.5	8.1	10.9	9.2	7.4	11.2	9.1	9.6	8.8
Ages 55-64	8.3	6.3	10.5	8.2	6.3	10.2	8.4	5.0	12.2
Ages 65-74	5.8	4.7	6.9	5.8	4.5	7.0	5.8	5.4	6.1
Ages 75+	3.5	3.4	3.6	3.5	3.4	3.6	4.0	4.9	3.3
Ages <65	8.7	6.9	10.6	8.5	6.7	10.5	9.1	7.2	11.2
Ages 65+	4.8	4.1	5.5	4.8	4.0	5.5	5.2	5.5	5.0
Stage <sup>d</sup> :									
All Stages	6.5	5.4	7.6	6.4	5.2	7.5	7.2	6.4	8.0
Localized	27.3	24.2	30.1	27.5	24.5	30.3	25.4	22.0 <sup>f</sup>	28.5 <sup>f</sup>
Regional	14.7	12.9	16.3	14.6	12.6	16.3	15.3	14.9	15.5
Distant	2.8	2.4	3.3	2.7	2.2	3.2	3.7	3.0	4.4
Unstaged	8.2	6.8	9.5	8.0	5.6	10.2	9.8	25.5 <sup>f</sup>	4.1

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

<sup>a</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2012.

<sup>b</sup> 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 2012.

<sup>c</sup> Period survival provides a 2011 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2009-2011: 0-1 year survival), (2008-2010: 1-2 year survival), (2007-2009: 2-3 year survival), (2006-2008: 3-4 year survival), (2005-2007: 4-5 years survival).

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

<sup>e</sup> The difference between 1975-1977 and 2005-2011 is statistically significant ( $p < .05$ ).

<sup>f</sup> The standard error is between 5 and 10 percentage points.

<sup>g</sup> The standard error is greater than 10 percentage points.

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