

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	6.5	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>	5.1	3.9	6.6	5.1	3.9	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>	5.8	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	4.4	6.9	5.2	6.0	4.2
2002-2006 <sup>a</sup>	6.5	4.9	8.1	6.5	4.7	8.3	5.2	5.0	5.4
2007-2013 <sup>a</sup>	7.0 <sup>e</sup>	5.7 <sup>e</sup>	8.2 <sup>e</sup>	6.8 <sup>e</sup>	5.7 <sup>e</sup>	7.9 <sup>e</sup>	7.8 <sup>e</sup>	5.4 <sup>e</sup>	9.9
5-Year Period Survival (Percent) <sup>bc</sup>									
2013	6.3	5.0	7.5	6.2	4.9	7.5	6.8	5.4	8.2
Stage Distribution (%) 2007-2013 <sup>bd</sup>									
All Stages									
Number of cases	34,414	17,267	17,147	29,825	14,753	15,072	3,087	1,565	1,522
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	4	4	4	4	4	4	4	4	3
Regional	20	18	22	20	18	22	20	18	23
Distant	74	76	72	74	76	72	75	77	72
Unstaged	2	2	2	2	2	2	2	2	2
5-Year Relative Survival (Percent), 2007-2013 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	11.9	12.0	11.7	11.7	11.9	11.6	8.9	-	0.0
Ages 45-54	9.1	7.0	11.3	9.0	6.5	11.4	10.4	8.7	12.3
Ages 55-64	8.2	6.3	10.3	8.0	6.2	9.9	8.9	5.6	12.1
Ages 65-74	6.1	4.8	7.4	6.1	4.7	7.4	5.4	4.5	6.2
Ages 75+	3.4	3.0	3.7	3.4	3.0	3.7	3.9	3.2	4.3
Ages <65	8.6	6.7	10.6	8.4	6.4	10.4	9.3	6.7	12.1
Ages 65+	5.0	4.1	5.8	5.0	4.1	5.9	4.8	4.1	5.4
Stage <sup>d</sup> :									
All Stages	6.5	5.2	7.8	6.4	5.1	7.7	7.1	5.5	8.7
Localized	28.9	25.0	32.7	28.9	24.7	32.6	30.4 <sup>f</sup>	28.5 <sup>f</sup>	32.4 <sup>f</sup>
Regional	15.3	13.3	17.0	15.3	13.1	17.0	14.8	11.9	17.1
Distant	2.9	2.2	3.6	2.8	2.2	3.4	3.9	2.8	5.0
Unstaged	7.6	6.2	8.9	6.9	5.0	8.6	8.5	6.6 <sup>f</sup>	9.0 <sup>f</sup>

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 2014.

<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 2014.

<sup>c</sup> Period survival provides a 2013 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2010-2012: 0-1 year survival), (2009-2011: 1-2 year survival), (2008-2010: 2-3 year survival), (2007-2009: 3-4 year survival), (2006-2008: 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 2007-2013 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.