

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	3.1	6.5	4.3	3.3	6.5	3.1	2.4	5.0
1981-1983 ^a	4.5	3.6	6.2	4.6	3.6	6.1	5.4	4.1	8.4
1984-1986 ^a	4.5	3.5	6.2	4.7	3.6	6.4	3.6	2.2	5.6
1987-1989 ^a	5.0	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	5.2	7.8	6.3	5.1	7.7	6.8	4.5	9.9
1996-1998 ^b	5.9	5.2	6.5	6.1	5.4	6.7	3.6	2.7	4.5
1999-2002 ^a	6.1	4.9	7.4	6.0	4.5	7.6	4.9	5.2	4.6
2003-2009 ^a	6.5 ^e	4.8 ^e	8.2 ^e	6.5 ^e	4.7 ^e	8.2 ^e	6.2 ^e	5.2 ^e	7.4
5-Year Period Survival (Percent) ^{bc}									
2009	6.5	5.1	7.8	6.4	5.0	7.7	6.8	5.6	8.1
Stage Distribution (%) 2003-2009 ^{bd}									
All Stages									
Number of cases	36,162	18,299	17,863	31,621	15,789	15,832	3,089	1,582	1,507
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	5	5	5	5	5	5	5	5	5
Regional	21	19	22	21	19	22	21	18	23
Distant	72	73	70	71	73	70	72	74	69
Unstaged	3	3	3	3	3	3	3	3	2
5-Year Relative Survival (Percent), 2003-2009 ^b									
Age at Diagnosis:									
Ages <45	10.3	9.7	10.8	9.2	9.0	9.5	16.1	16.0 ^f	16.1 ^f
Ages 45-54	9.2	7.3	11.2	8.9	6.8	11.2	8.0	6.8	9.3
Ages 55-64	7.8	5.5	10.5	7.8	5.4	10.5	8.1	6.4	10.2
Ages 65-74	5.9	5.1	6.7	6.0	4.9	6.9	5.0	5.1	4.7
Ages 75+	3.5	2.9	4.1	3.4	2.9	3.9	5.0	3.8	5.6
Ages <65	8.3	6.2	10.7	8.2	5.9	10.7	8.5	7.0	10.4
Ages 65+	4.9	4.2	5.6	4.9	4.1	5.6	5.0	4.6	5.2
Stage ^d :									
All Stages	6.3	5.0	7.7	6.2	4.9	7.6	6.8	6.0	7.6
Localized	23.3	20.5	26.1	23.7	20.6	26.6	20.5	21.2 ^f	18.8 ^f
Regional	14.4	11.9	16.5	14.2	11.5	16.4	16.2	15.1	16.9
Distant	2.8	2.3	3.4	2.7	2.2	3.3	3.1	2.5	3.8
Unstaged	8.3	6.2	10.2	8.1	5.5	10.4	8.7	15.3 ^f	0.0

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

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

Based on follow-up of patients into 2010.

^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 2010.

^c Period survival provides a 2009 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.

^e The difference between 1975-1977 and 2003-2009 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.