

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	4.6	3.6	6.3	4.6	3.7	6.1	5.4	4.2	8.4
1984-1986 ^a	4.6	3.5	6.3	4.7	3.6	6.5	3.6	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	4.6	6.4	5.5	4.6	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	6.8	6.1	5.3	6.9	3.8	2.7	5.1
1999-2001 ^a	5.8	4.9	6.8	5.6	4.4	6.9	5.3	6.1	4.3
2002-2008 ^a	6.6 ^e	4.7 ^e	8.4 ^e	6.6 ^e	4.4 ^e	8.7 ^e	5.8 ^e	5.7 ^e	5.9
5-Year Period Survival (Percent) ^{bc}									
2008	6.4	5.1	7.6	6.3	4.8	7.7	7.0	7.0	6.7
Stage Distribution (%) 2002-2008 ^{bd}									
All Stages									
Number of cases	36,397	18,503	17,894	31,993	16,030	15,963	2,984	1,556	1,428
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	5	5	5	5	5	5	5	5	6
Regional	21	19	22	21	19	23	21	19	23
Distant	71	73	69	71	73	68	71	73	68
Unstaged	4	4	4	4	4	4	3	4	3
5-Year Relative Survival (Percent), 2002-2008 ^b									
Age at Diagnosis:									
Ages <45	10.3	9.4	11.2	9.5	8.6	10.2	16.9	18.1 ^f	16.1 ^f
Ages 45-54	9.2	6.8	11.9	9.4	6.8	12.4	6.0	4.4	7.9
Ages 55-64	7.9	5.7	10.3	7.8	5.5	10.4	8.1	7.6	8.3
Ages 65-74	5.8	4.9	6.6	5.8	4.7	6.9	4.0	5.4	3.1
Ages 75+	3.6	3.0	4.2	3.6	3.0	4.0	4.5	2.8	5.9
Ages <65	8.4	6.2	10.8	8.3	6.0	11.0	7.8	7.0	8.6
Ages 65+	4.8	4.1	5.6	4.9	4.0	5.7	4.3	4.5	4.1
Stage ^d :									
All Stages	6.3	5.0	7.7	6.3	4.8	7.7	6.1	5.9	6.3
Localized	22.9	20.6	24.9	23.3	20.6	25.6	17.6	19.0 ^f	16.7 ^f
Regional	14.0	11.9	15.9	13.9	11.6	16.0	14.6	15.0	14.1
Distant	2.8	2.3	3.4	2.8	2.1	3.4	2.7	2.4	2.9
Unstaged	8.5	5.0	11.6	8.7	4.8	12.0	6.4	8.6	3.3

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 2009.

^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 2009.

^c Period survival provides a 2008 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2006-2008: 0-1 year survival), (2005-2007: 1-2 year survival), (2004-2006: 2-3 year survival), (2003-2005: 3-4 year survival), (2002-2004: 4-5 years survival).

^d Stage at diagnosis is classified using SEER Summary Stage 2000.

^e The difference between 1975-1977 and 2002-2008 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.