

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	6.5	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	5.3	4.1	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	5.4	4.5	6.5	4.2	3.9	4.4
1993-1995 ^a	6.4	5.1	7.9	6.3	5.0	7.6	6.7	4.0	10.4
1996-1998 ^a	5.8	5.2	6.5	6.0	5.4	6.6	3.6	2.6	4.5
1999-2001 ^a	5.7	4.8	6.7	5.6	4.4	6.9	5.2	6.0	4.2
2002-2004 ^a	6.5	4.7	8.2	6.5	4.4	8.4	5.3	5.3	5.1
2005-2007 ^a	6.8	5.0	8.6	6.8	5.0	8.5	6.5	3.5	9.5
2008-2014 ^a	6.7 ^e	5.5 ^e	7.9 ^e	6.6 ^e	5.3 ^e	7.9 ^e	6.6 ^e	5.9 ^e	7.0
5-Year Period Survival (Percent) ^{bc}									
2014	6.2	4.7	7.7	6.2	4.6	7.6	7.0	5.3	8.9
Stage Distribution (%) 2008-2014 ^{bd}									
All Stages									
Number of cases	34,106	17,114	16,992	29,507	14,571	14,936	3,105	1,590	1,515
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	4	4	4	4	4	4	4	4	3
Regional	19	17	21	19	17	21	20	18	22
Distant	75	77	73	75	77	73	75	76	73
Unstaged/Unknown	2	2	2	2	2	2	2	2	1
5-Year Relative Survival (Percent), 2008-2014 ^b									
Age at Diagnosis:									
Ages <45	13.4	12.0	15.1	13.6	12.2	15.3	9.3	-	-
Ages 45-54	8.6	6.4	10.8	8.4	5.8	10.9	10.9	10.3	11.7
Ages 55-64	7.9	6.0	10.0	7.8	5.9	9.8	7.8	4.6	11.0
Ages 65-74	6.1	4.8	7.4	6.1	4.6	7.6	5.5	5.4	5.5
Ages 75+	3.3	2.7	3.8	3.4	2.7	3.9	3.1	2.6	3.4
Ages <65	8.3	6.2	10.4	8.1	6.0	10.3	8.7	6.5	11.2
Ages 65+	4.9	4.0	5.9	5.0	3.9	6.1	4.6	4.5	4.7
Stage ^d :									
All Stages	6.3	4.9	7.7	6.3	4.8	7.8	6.7	5.5	7.8
Localized	28.5	24.5	32.2	28.2	23.6	32.3	34.5 ^f	33.5 ^f	32.8 ^f
Regional	14.9	12.3	17.0	15.0	12.2	17.1	15.1	11.7	18.3
Distant	2.9	2.2	3.6	2.9	2.2	3.5	3.3	2.7	3.9
Unstaged/Unknown	8.8	6.8	10.8	8.4	5.1	11.5	4.7	10.6 ^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 2015. [Expected survival rates](#) are derived from the U.S. Annual Life Tables.

^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). Expected survival rates are derived from life tables by socio-economic status, geography and race developed by the SEER program.

Based on follow-up of patients into 2015.

^c Period survival provides a 2014 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).

^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 2008-2014 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.