

Table 15.14
Non-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	13.6	12.3	17.3	13.7	12.3	17.4	12.3	11.3	15.9
1978-1980 ^a	14.4	12.8	18.4	14.6	13.0	18.4	12.8	10.6	19.6
1981-1983 ^a	14.9	13.0	18.9	15.2	13.3	19.2	12.2	10.9	15.9
1984-1986 ^a	14.6	12.7	18.3	14.9	12.9	18.7	12.2	11.4	14.3
1987-1989 ^a	14.7	13.4	17.0	15.1	13.6	17.5	11.9	11.8	12.2
1990-1992 ^a	15.2	13.4	18.1	15.8	14.0	18.5	11.3	9.9	14.0
1993-1995 ^a	15.8	13.8	18.8	16.2	14.0	19.2	13.6	12.1	16.4
1996-1998 ^b	16.2	14.2	18.8	16.5	14.4	19.2	13.4	11.5	16.4
1999-2002 ^a	16.9	14.5	19.9	17.3	15.0	20.2	13.4	11.4	16.1
2003-2009 ^a	19.3 ^e	16.9 ^e	21.9 ^e	19.9 ^e	17.5 ^e	22.6 ^e	15.1 ^e	13.8 ^e	16.6
5-Year Period Survival (Percent) ^{bc}									
2009	19.0	16.4	21.9	19.5	17.0	22.3	15.1	12.9	18.0
Stage Distribution (%) 2003-2009 ^{bd}									
All Stages									
Number of cases	233,374	125,888	107,486	191,321	101,784	89,537	26,717	15,343	11,374
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	17	15	19	18	16	20	13	12	15
Regional	22	23	22	22	23	22	22	22	22
Distant	54	56	52	53	55	51	59	60	58
Unstaged	6	6	7	7	6	7	5	5	5
5-Year Relative Survival (Percent), 2003-2009 ^b									
Age at Diagnosis:									
Ages <45	29.4	25.3	33.4	31.7	26.9	36.4	23.0	21.2	24.8
Ages 45-54	21.3	17.1	26.3	22.7	18.2	28.1	15.4	13.1	18.5
Ages 55-64	21.0	17.9	25.3	21.8	18.6	26.0	15.7	13.7	19.1
Ages 65-74	19.5	16.5	23.2	20.0	16.9	23.7	15.1	13.4	17.4
Ages 75+	13.2	11.6	14.7	13.6	11.9	15.2	8.7	7.4	10.0
Ages <65	21.6	18.1	26.2	22.7	18.9	27.4	16.1	14.0	19.4
Ages 65+	16.3	14.1	18.6	16.7	14.5	19.0	12.4	11.1	13.9
Stage ^d :									
All Stages	18.2	15.6	21.2	18.7	16.1	21.7	14.3	12.6	16.4
Localized	54.9	49.5	59.9	55.6	50.1	60.6	45.9	41.9	50.2
Regional	27.8	25.2	31.0	28.0	25.5	31.0	24.3	22.2	27.1
Distant	4.1	3.5	4.9	4.0	3.3	4.8	3.8	3.5	4.2
Unstaged	7.8	7.3	8.3	7.2	6.6	7.8	11.0	10.6	11.8

Note: Non-Small Cell Cancer of the Lung and Bronchus includes histologies 8000-8040, 8046-9049, 9056-9139, 9141-9589.

^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.