

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	13.7	12.4	17.5	13.8	12.4	17.6	12.3	11.4	15.9
1978-1980 ^a	14.5	12.9	18.4	14.6	13.1	18.5	12.9	10.7	19.8
1981-1983 ^a	15.0	13.1	19.0	15.3	13.4	19.4	12.2	11.0	15.9
1984-1986 ^a	14.7	12.8	18.4	15.0	13.0	18.8	12.3	11.6	14.3
1987-1989 ^a	14.8	13.6	17.1	15.2	13.7	17.6	12.0	11.9	12.3
1990-1992 ^a	15.3	13.5	18.2	15.8	14.0	18.6	11.3	9.9	14.0
1993-1995 ^a	15.9	13.8	18.8	16.3	14.0	19.3	13.6	12.1	16.4
1996-2000 ^b	16.6	14.4	19.4	16.9	14.7	19.7	13.6	11.8	16.3
2001-2007 ^a	18.0 ^d	15.7 ^d	20.7 ^d	18.6 ^d	16.2 ^d	21.3 ^d	14.3 ^d	12.8	16.2
5-Year Period Survival (Percent) ^{bc}									
2007	18.0	15.4	20.9	18.4	15.8	21.3	14.3	12.8	16.3
Stage Distribution (%) 2001-2007 ^b									
All Stages									
Number of cases	212,925	115,144	97,781	175,960	93,771	82,189	22,871	13,173	9,698
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	16	15	18	17	15	19	13	12	14
Regional	22	23	22	22	23	22	22	22	22
Distant	54	56	52	53	55	51	59	60	58
Unstaged	7	7	8	8	7	8	6	6	6
5-Year Relative Survival (Percent), 2001-2007 ^b									
Age at Diagnosis:									
Ages <45	27.4	25.3	29.4	29.6	27.5	31.7	20.1	18.5	21.8
Ages 45-54	20.5	16.7	25.2	21.9	17.6	27.1	14.9	13.0	17.7
Ages 55-64	20.4	17.5	24.3	21.2	18.1	25.1	15.5	13.7	18.4
Ages 65-74	18.0	15.1	21.6	18.3	15.3	21.9	14.0	12.5	16.1
Ages 75+	12.2	10.7	13.7	12.5	11.0	14.0	8.9	7.7	10.0
Ages <65	20.9	17.8	25.0	22.0	18.6	26.2	15.7	13.8	18.5
Ages 65+	15.0	12.9	17.3	15.3	13.2	17.5	11.8	10.6	13.2
Stage:									
All Stages	17.1	14.7	19.9	17.5	15.1	20.3	13.7	12.3	15.7
Localized	53.6	48.7	58.4	54.3	49.4	58.9	45.4	40.9	50.5
Regional	25.9	23.4	29.1	26.0	23.5	29.0	23.5	22.2	25.4
Distant	3.8	3.2	4.4	3.7	3.1	4.3	3.6	3.3	3.9
Unstaged	8.1	7.2	9.0	7.7	6.6	8.7	10.5	10.1	11.3

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 2008.

^b SEER 17 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 and New Jersey).

Based on follow-up of patients into 2008.

^c Period survival provides a 2007 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2005-2007: 0-1 year survival),

(2004-2006: 1-2 year survival), (2003-2005: 2-3 year survival), (2002-2004: 3-4 year survival), (2001-2003: 4-5 years survival).

^d The difference between 1975-1977 and 2001-2007 is statistically significant (p<.05).

^e The standard error is between 5 and 10 percentage points.

^f The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.