

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 <sup>a</sup>	16.4	14.8	21.0	16.7	15.0	21.4	13.6	12.5	17.7
1978-1980 <sup>a</sup>	16.7	14.8	21.4	17.0	15.2	21.5	14.2	11.6	22.8
1981-1983 <sup>a</sup>	17.1	15.0	21.8	17.5	15.4	22.1	13.9	12.2	19.2
1984-1986 <sup>a</sup>	16.6	14.4	21.0	17.0	14.7	21.5	13.2	11.9	16.4
1987-1989 <sup>a</sup>	16.9	15.2	19.8	17.4	15.5	20.6	13.2	12.9	14.0
1990-1992 <sup>a</sup>	17.6	15.5	21.1	18.3	16.1	21.7	12.8	11.1	16.1
1993-1995 <sup>a</sup>	18.7	16.1	22.5	19.3	16.5	23.2	15.1	13.3	18.4
1996-1998 <sup>b</sup>	19.4	16.7	22.9	19.9	17.1	23.5	15.2	12.8	19.3
1999-2003 <sup>a</sup>	19.7	16.8	23.4	20.5	17.5	24.1	14.6	12.7	17.4
2004-2010 <sup>a</sup>	21.7 <sup>e</sup>	18.7 <sup>e</sup>	25.1 <sup>e</sup>	22.6 <sup>e</sup>	19.5 <sup>e</sup>	26.0 <sup>e</sup>	16.7 <sup>e</sup>	14.2 <sup>e</sup>	19.6
5-Year Period Survival (Percent) <sup>bc</sup>									
2010	21.4	18.0	25.4	22.2	18.7	26.1	16.4	13.6	19.9
Stage Distribution (%) 2004-2010 <sup>bd</sup>									
All Stages									
Number of cases	198,887	107,826	91,061	161,471	86,539	74,932	23,496	13,360	10,136
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	18	16	21	19	17	22	14	13	16
Regional	24	24	24	24	25	24	23	23	24
Distant	55	57	53	54	55	51	60	62	58
Unstaged	3	3	3	3	3	3	3	3	2
5-Year Relative Survival (Percent), 2004-2010 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	30.6	26.3	34.6	33.0	27.9	37.9	23.5	21.3	25.7
Ages 45-54	22.1	17.6	27.2	23.6	18.9	28.8	15.9	12.2	20.5
Ages 55-64	22.4	19.0	27.2	23.3	19.8	27.9	16.7	14.1	21.0
Ages 65-74	21.8	18.3	26.0	22.3	18.8	26.6	17.0	14.3	20.7
Ages 75+	16.6	14.1	19.1	17.2	14.5	19.9	10.8	9.1	12.2
Ages <65	22.9	19.0	27.8	24.0	20.0	28.9	16.9	13.9	21.2
Ages 65+	19.3	16.4	22.6	19.9	16.8	23.2	14.6	12.5	17.1
Stage <sup>d</sup> :									
All Stages	20.7	17.4	24.5	21.4	18.0	25.2	15.8	13.3	19.1
Localized	58.2	52.5	63.3	58.7	53.0	63.8	49.8	45.3	54.4
Regional	29.8	26.7	33.5	30.1	27.2	33.5	26.0	22.8	30.1
Distant	4.5	3.7	5.6	4.4	3.6	5.4	4.1	3.5	5.1
Unstaged	12.3	10.4	14.3	12.3	10.1	14.5	10.6	9.2	12.5

Note: Non-Small Cell Cancer of the Lung and Bronchus includes histologies 8003-8004, 8012-8015, 8021-8022, 8030-8035, 8046, 8050-8052, 8070-8076, 8078, 8082-8084, 8090, 8094, 8120, 8123, 8140-8141, 8143-8145, 8147, 8190, 8200-8201, 8211, 8240-8241, 8243-8246, 8249-8255, 8260, 8290, 8310, 8320, 8323, 8333, 8401, 8430, 8440, 8470-8471, 8480-8481, 8490, 8503, 8507, 8525, 8550, 8560, 8562, 8570-8572, 8574-8576.

<sup>a</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2011.

<sup>b</sup> 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 2011.

<sup>c</sup> Period survival provides a 2010 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).

<sup>d</sup> Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.

<sup>e</sup> The difference between 1975-1977 and 2004-2010 is statistically significant ( $p < .05$ ).

<sup>f</sup> The standard error is between 5 and 10 percentage points.

<sup>g</sup> The standard error is greater than 10 percentage points.

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