

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	13.4	12.4	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	13.1	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	16.2
1993-1995 <sup>a</sup>	18.7	16.1	22.5	19.3	16.5	23.2	15.1	13.3	18.5
1996-1998 <sup>a</sup>	19.4	16.7	22.9	19.9	17.1	23.5	15.3	12.8	19.3
1999-2001 <sup>a</sup>	20.0	16.8	24.0	20.7	17.5	24.6	14.7	12.0	18.6
2002-2005 <sup>a</sup>	19.9	17.2	23.2	20.8	18.0	24.1	15.2	14.0	16.8
2006-2012 <sup>a</sup>	22.8 <sup>e</sup>	19.2 <sup>e</sup>	26.8 <sup>e</sup>	23.5 <sup>e</sup>	19.9 <sup>e</sup>	27.4 <sup>e</sup>	18.1 <sup>e</sup>	14.8 <sup>e</sup>	22.1 <sup>e</sup>
5-Year Period Survival (Percent) <sup>bc</sup>									
2012	22.1	18.1	26.7	22.6	18.6	27.2	17.8	13.9	22.6
Stage Distribution (%) 2006-2012 <sup>bd</sup>									
All Stages									
Number of cases	199,665	107,280	92,385	160,614	85,329	75,285	24,213	13,633	10,580
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	19	16	21	20	17	22	15	13	17
Regional	24	24	24	24	25	24	24	23	24
Distant	55	57	53	54	56	51	60	62	57
Unstaged	2	2	3	2	2	2	2	2	2
5-Year Relative Survival (Percent), 2006-2012 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	33.5	28.3	38.4	36.2	29.8	42.0	26.2	23.4	29.3
Ages 45-54	23.0	18.1	28.5	24.3	19.2	29.8	17.2	12.8	22.7
Ages 55-64	23.2	19.3	28.6	24.0	19.9	29.2	17.8	15.0	22.1
Ages 65-74	22.8	19.0	27.4	23.4	19.6	27.8	17.5	13.7	22.6
Ages 75+	17.5	14.5	20.5	17.9	14.9	20.9	12.1	8.5	15.3
Ages <65	23.7	19.4	29.2	24.7	20.2	30.2	18.1	14.7	22.8
Ages 65+	20.3	17.0	24.0	20.8	17.5	24.4	15.5	12.0	19.5
Stage <sup>d</sup> :									
All Stages	21.6	17.9	25.9	22.2	18.5	26.4	16.8	13.5	21.1
Localized	59.2	52.8	64.8	59.5	53.2	65.0	52.2	46.2	58.2
Regional	31.4	27.6	35.8	31.6	28.1	35.7	27.5	22.7	33.2
Distant	4.9	4.0	6.1	4.8	3.8	6.0	4.2	3.4	5.3
Unstaged	13.0	11.0	15.2	12.3	10.1	14.5	13.6	11.6	16.3

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 2013.

<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 2013.

<sup>c</sup> Period survival provides a 2012 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).

<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 2006-2012 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.