

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	16.4	14.8	21.1	16.8	15.0	21.5	13.4	12.4	17.7
1978-1980 ^a	16.7	14.8	21.4	17.0	15.2	21.5	14.2	11.6	22.8
1981-1983 ^a	17.1	15.0	21.7	17.5	15.4	22.1	13.9	12.2	19.2
1984-1986 ^a	16.6	14.4	21.0	17.0	14.7	21.5	13.1	11.9	16.4
1987-1989 ^a	16.9	15.2	19.8	17.3	15.5	20.5	13.2	12.9	13.9
1990-1992 ^a	17.7	15.5	21.1	18.3	16.2	21.7	12.8	11.1	16.2
1993-1995 ^a	18.7	16.1	22.5	19.3	16.5	23.2	15.1	13.3	18.5
1996-1998 ^a	19.4	16.7	22.9	19.9	17.1	23.5	15.3	12.7	19.5
1999-2001 ^a	20.0	16.9	24.1	20.7	17.6	24.6	14.8	12.0	18.9
2002-2004 ^a	19.6	17.0	22.8	20.4	17.6	23.7	15.0	13.9	16.5
2005-2008 ^a	21.8	18.7	25.4	22.8	19.5	26.4	16.3	13.7	19.3
2009-2015 ^a	25.1 ^e	20.8 ^e	29.7 ^e	25.5 ^e	21.3 ^e	30.1 ^e	22.3 ^e	18.0 ^e	27.0 ^e
5-Year Period Survival (Percent) ^{bc}									
2015	24.6	20.3	29.3	25.1	20.7	29.7	20.3	16.3	25.1
Stage Distribution (%) 2009-2015 ^{bd}									
All Stages									
Number of cases	198,888	105,279	93,609	158,136	82,886	75,250	24,379	13,412	10,967
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	19	17	22	20	18	23	15	13	18
Regional	24	24	23	24	25	24	24	23	24
Distant	55	57	52	54	56	51	60	62	56
Unstaged/Unknown	2	2	2	2	2	2	2	2	2
5-Year Relative Survival (Percent), 2009-2015 ^b									
Age at Diagnosis:									
Ages <45	36.7	31.4	41.5	39.0	32.9	44.3	28.9	25.7	32.5
Ages 45-54	24.8	19.6	30.3	25.7	20.3	31.5	20.9	16.0	26.1
Ages 55-64	24.3	20.0	29.9	24.8	20.5	30.2	20.1	16.2	25.8
Ages 65-74	25.3	20.9	30.4	25.9	21.5	30.8	20.3	16.3	25.2
Ages 75+	19.9	16.2	23.4	20.3	16.7	23.8	15.9	11.7	19.8
Ages <65	25.1	20.4	30.7	25.7	21.0	31.4	20.8	16.6	26.2
Ages 65+	22.8	18.9	27.0	23.3	19.3	27.4	18.6	14.7	22.9
Stage ^d :									
All Stages	23.7	19.5	28.3	24.1	19.9	28.7	19.7	15.7	24.5
Localized	61.4	54.8	66.9	61.4	55.3	66.5	57.2	47.0	66.5
Regional	34.5	29.9	39.7	34.5	29.9	39.7	31.6	28.2	35.4
Distant	6.1	5.0	7.5	5.9	4.7	7.3	5.7	4.6	7.1
Unstaged/Unknown	14.6	13.8	15.4	13.8	12.8	14.9	11.3	10.3	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.

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2016. [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 2016.

^c Period survival provides a 2015 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 2009-2015 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.