

Table 15.17  
Cancer of the Lung and Bronchus (Invasive)

SEER<sup>a</sup> Relative Survival (Percent)  
By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985- 1989	1990- 1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Survival Time																										
1-year	40.4	41.3	42.0	42.7	43.6	42.3	43.0	43.5	45.6	43.6	44.1	44.7	45.0	45.7	47.2	46.9	48.4	48.6	48.9	48.8	51.5	50.4	53.4	52.3	53.7	56.0
2-year	25.4	25.7	25.5	26.7	27.5	26.9	26.8	28.5	29.6	28.5	29.6	30.5	29.9	31.1	32.3	32.6	34.4	34.5	35.5	35.5	37.4	35.9	39.6	39.2	41.4	
3-year	20.3	20.5	19.7	21.1	21.6	21.4	21.3	23.0	23.6	22.7	23.0	24.0	23.8	25.4	26.1	26.6	27.4	27.8	29.0	28.7	30.8	29.5	32.9	32.8		
4-year	17.8	17.8	17.2	18.3	18.8	18.4	18.5	19.9	20.5	19.9	19.9	20.4	20.7	21.5	22.8	23.0	23.8	24.1	25.2	24.9	27.1	25.8	29.4			
5-year	16.1	16.0	15.4	16.4	16.5	16.5	16.4	17.4	18.4	17.7	17.8	17.9	18.3	19.0	20.2	20.4	21.3	21.2	23.0	22.5	24.4	23.2				
6-year	15.0	14.6	14.1	15.1	15.0	15.2	15.0	16.1	16.8	16.1	15.8	16.4	16.8	17.6	18.5	18.8	19.6	19.6	21.0	20.7	22.3					
7-year	14.0	13.6	12.9	13.9	13.9	14.1	14.0	14.9	15.6	15.0	14.7	15.0	15.3	16.3	17.1	17.7	18.2	17.9	19.6	18.8						
8-year	13.1	12.8	12.0	13.0	13.1	13.1	12.8	13.9	14.7	13.6	13.8	14.0	13.6	15.2	16.0	16.5	17.0	16.4	18.1							
9-year	12.4	11.9	11.2	12.1	12.3	12.0	11.9	13.1	13.8	12.8	12.7	13.1	12.7	14.3	14.8	15.0	16.0	15.4								
10-year	11.6	11.1	10.4	11.3	11.6	11.1	11.2	12.4	13.1	12.0	12.2	12.4	11.9	13.3	13.9	14.2	15.0									
11-year	11.1	10.6	9.8	10.6	11.0	10.7	10.6	11.9	12.2	11.3	11.5	11.3	11.4	12.3	13.1	13.7										
12-year	10.7	9.9	9.3	9.9	10.1	10.1	9.9	11.3	11.4	10.7	10.7	10.6	10.7	11.6	12.5											
13-year	10.3	9.3	8.8	9.4	9.4	9.6	9.4	10.5	10.7	10.2	10.2	9.9	9.9	10.7												
14-year	9.7	8.9	8.2	8.9	8.7	9.1	8.9	9.7	10.0	9.6	9.6	9.6	9.5	9.1												
15-year	9.2	8.4	7.8	8.4	8.4	8.7	8.3	9.1	9.6	9.2	9.2	9.2	9.0													
16-year	8.9	8.0	7.4	7.9	7.9	8.2	7.6	8.6	8.9	9.0	8.9															
17-year	8.4	7.7	7.1	7.4	7.3	7.8	7.2	8.1	8.5	8.4																
18-year	8.0	7.2	6.7	7.0	6.8	7.4	6.7	7.8	8.1																	
19-year	7.7	6.6	6.3	6.5	6.5	6.9	6.4	7.3																		
20-year	7.4	6.3	6.1	6.2	6.3	6.4	6.2																			
21-year	6.9	5.9	5.9	5.9	6.1	6.2																				
22-year	6.5	5.6	5.5	5.6	5.8																					
23-year	6.2	5.3	5.4	5.4																						
24-year	6.0	5.1	5.1																							
25-year	5.8	4.8	4.9																							
26-year	5.6	4.6	4.8																							
27-year	5.4	4.2	4.6																							
28-year	5.2	4.0	4.4																							
29-year	4.9	3.7																								
30-year	4.6	3.6																								

<sup>a</sup> Based on the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). [Expected survival rates](#) are derived from the U.S. Annual Life Tables.