

Table 4.14  
Cancer of the Female Breast (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	94.4	95.1	96.3	97.1	97.1	96.9	97.3	97.5	97.5	97.5	97.3	97.5	97.8	97.8	97.7	97.7	97.7	97.7	97.8	97.6	97.8	98.1	98.0	97.6	98.1	97.7
2-year	88.7	89.9	92.3	93.8	94.0	93.6	94.3	95.0	95.2	95.3	95.0	95.5	95.5	95.6	95.7	95.7	96.1	95.7	96.0	95.8	96.1	96.0	96.2	96.0	96.4	
3-year	83.1	84.6	88.3	90.5	91.4	90.9	92.0	92.9	93.1	93.4	92.8	93.6	93.3	93.3	93.8	93.8	94.0	93.8	94.0	94.0	94.5	94.1	94.5	94.3		
4-year	78.5	80.2	85.1	87.8	88.8	88.9	89.9	91.1	91.3	91.6	91.0	91.8	91.6	91.4	91.9	92.3	92.5	92.4	92.6	92.3	92.8	92.6	93.1			
5-year	74.6	76.3	82.2	85.6	86.8	86.6	88.4	89.5	89.6	90.1	89.4	90.2	89.8	90.0	90.5	90.8	91.2	90.7	91.4	91.0	91.5	91.2				
6-year	71.4	73.4	79.8	83.8	85.4	85.0	86.9	88.3	88.1	89.0	88.2	88.8	88.6	88.7	89.2	89.7	89.9	89.5	90.5	90.1	90.3					
7-year	68.7	70.7	77.9	82.1	83.8	83.8	85.9	87.1	87.0	87.7	86.9	87.7	87.5	87.5	88.1	88.8	89.0	88.4	89.4	89.3						
8-year	66.5	68.4	76.3	81.0	82.6	82.4	85.0	85.8	85.9	86.4	86.0	86.5	86.4	86.6	87.4	87.8	88.1	87.4	88.6							
9-year	64.3	66.4	74.6	79.8	81.4	81.3	83.7	84.6	85.0	85.3	85.2	85.6	85.9	85.7	86.6	86.9	87.1	86.5								
10-year	62.5	64.5	73.3	78.7	80.6	80.4	82.6	83.5	84.2	84.5	84.4	85.1	84.8	84.9	85.8	86.0	86.2									
11-year	60.8	62.7	72.1	77.7	79.5	79.5	81.8	82.7	83.0	83.6	83.7	84.5	84.0	84.4	85.1	85.3										
12-year	59.3	61.6	70.9	76.7	78.5	78.6	81.1	82.1	82.5	82.6	82.5	83.5	83.4	83.9	84.2											
13-year	58.1	60.4	69.8	75.8	77.5	77.6	80.1	81.1	81.8	81.8	81.9	82.7	82.9	83.0												
14-year	57.1	59.2	69.0	75.0	76.9	76.9	79.4	80.5	80.8	81.2	81.1	82.2	82.2													
15-year	56.1	58.3	68.1	74.2	76.0	76.2	78.5	79.5	80.3	80.5	80.5	81.7														
16-year	55.2	57.3	67.3	73.3	75.0	75.6	77.5	78.9	79.5	80.0	79.9															
17-year	54.2	56.3	66.5	72.4	74.2	74.9	77.1	78.2	79.0	79.4																
18-year	53.4	55.6	65.7	71.7	73.0	74.2	76.4	77.7	78.1																	
19-year	52.6	55.0	65.1	71.1	72.5	73.2	75.5	76.7																		
20-year	51.9	54.2	64.5	70.3	71.9	72.4	74.6																			
21-year	51.1	53.5	63.8	69.4	71.2	71.2																				
22-year	50.6	52.8	63.2	68.7	70.5																					
23-year	50.1	52.2	62.6	68.2																						
24-year	49.4	51.6	62.0																							
25-year	48.7	51.1	61.4																							
26-year	48.4	50.7	60.6																							
27-year	48.0	50.1	59.7																							
28-year	47.6	49.6	59.1																							
29-year	47.1	48.8																								
30-year	46.7	48.2																								

<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.