

Table 4.14
Cancer of the Female Breast (Invasive)

SEER^a 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
Survival Time																									
1-year	94.4	95.1	96.3	97.1	97.1	97.0	97.4	97.5	97.5	97.5	97.3	97.6	97.8	97.8	97.8	97.7	97.7	97.7	97.9	97.6	97.8	98.1	98.0	97.6	98.0
2-year	88.7	89.9	92.3	93.8	93.9	93.7	94.4	94.9	95.1	95.3	95.1	95.4	95.5	95.6	95.7	95.7	96.0	95.8	96.0	95.8	96.0	96.0	96.2	95.9	
3-year	83.1	84.6	88.3	90.5	91.3	91.0	92.0	92.9	93.1	93.4	92.8	93.5	93.3	93.3	93.8	93.8	94.0	93.8	94.0	94.0	94.4	94.1	94.4		
4-year	78.4	80.2	85.0	87.8	88.8	88.9	89.9	91.0	91.3	91.6	91.0	91.8	91.5	91.4	91.9	92.3	92.5	92.4	92.5	92.2	92.7	92.4			
5-year	74.6	76.3	82.2	85.6	86.8	86.7	88.4	89.5	89.6	90.2	89.4	90.2	89.8	90.0	90.5	90.8	91.2	90.7	91.4	90.9	91.4				
6-year	71.4	73.4	79.9	83.8	85.4	85.0	87.0	88.3	88.1	89.0	88.2	88.8	88.6	88.6	89.2	89.7	89.9	89.4	90.4	90.0					
7-year	68.7	70.6	77.8	82.1	83.8	83.8	85.9	87.1	87.0	87.7	86.8	87.6	87.4	87.5	88.0	88.7	88.9	88.3	89.2						
8-year	66.4	68.4	76.3	80.9	82.6	82.4	85.0	85.8	85.9	86.4	85.9	86.5	86.3	86.6	87.4	87.7	87.9	87.2							
9-year	64.3	66.4	74.6	79.8	81.3	81.4	83.7	84.7	85.0	85.3	85.3	85.6	85.9	85.6	86.5	86.9	86.9								
10-year	62.5	64.5	73.3	78.7	80.5	80.4	82.6	83.4	84.1	84.5	84.4	85.1	84.7	84.8	85.7	85.9									
11-year	60.8	62.7	72.1	77.6	79.5	79.5	81.8	82.6	83.0	83.6	83.6	84.4	83.9	84.3	84.9										
12-year	59.3	61.5	70.9	76.7	78.5	78.6	81.0	82.1	82.4	82.6	82.5	83.4	83.3	83.8											
13-year	58.1	60.4	69.8	75.8	77.4	77.6	80.0	81.1	81.7	81.8	81.9	82.6	82.8												
14-year	57.1	59.2	69.0	74.9	76.8	76.9	79.4	80.5	80.7	81.2	81.0	82.1													
15-year	56.1	58.3	68.1	74.1	75.9	76.2	78.4	79.5	80.2	80.5	80.3														
16-year	55.2	57.2	67.2	73.3	74.9	75.6	77.4	78.8	79.4	79.9															
17-year	54.2	56.3	66.5	72.4	74.1	74.9	77.0	78.2	78.9																
18-year	53.4	55.6	65.7	71.7	72.9	74.1	76.3	77.5																	
19-year	52.6	55.0	65.1	71.0	72.3	73.1	75.4																		
20-year	51.9	54.2	64.5	70.2	71.6	72.3																			
21-year	51.2	53.5	63.8	69.3	70.8																				
22-year	50.6	52.8	63.2	68.6																					
23-year	50.0	52.2	62.6																						
24-year	49.4	51.5	62.0																						
25-year	48.6	51.1	61.3																						
26-year	48.3	50.7	60.4																						
27-year	48.0	50.1	59.6																						
28-year	47.5	49.5																							
29-year	47.0	48.8																							
30-year	46.7	48.1																							

^a 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.