

Table 4.16  
Cancer of the Female Breast (Ages 50+, 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
Survival Time																									
1-year	93.7	94.4	95.8	96.8	96.8	96.7	97.2	97.2	97.2	97.2	97.0	97.2	97.5	97.5	97.4	97.4	97.3	97.4	97.6	97.3	97.4	97.9	97.8	97.3	97.8
2-year	88.0	89.6	92.3	93.8	94.1	93.6	94.3	94.9	95.2	95.3	95.2	95.4	95.3	95.5	95.6	95.3	95.7	95.5	95.9	95.6	95.7	95.8	96.1	95.8	
3-year	82.6	84.3	88.6	90.7	91.8	91.0	92.1	93.1	93.4	93.6	93.2	93.6	93.2	93.3	93.8	93.5	93.6	93.7	93.9	94.0	94.2	94.0	94.3		
4-year	77.9	79.9	85.6	88.4	89.6	89.1	90.3	91.6	91.7	92.0	91.6	92.1	91.5	91.5	91.8	92.0	92.1	92.3	92.5	92.3	92.7	92.5			
5-year	74.1	76.1	83.0	86.3	87.8	87.1	89.0	90.3	90.1	90.6	90.2	90.7	89.8	90.2	90.5	90.7	90.9	90.7	91.5	91.1	91.4				
6-year	70.8	73.1	80.5	84.6	86.6	85.6	87.8	89.4	88.8	89.5	89.3	89.5	88.8	88.9	89.2	89.8	89.7	89.4	90.6	90.2					
7-year	67.9	70.4	78.6	82.9	85.1	84.6	86.9	88.4	87.7	88.4	88.0	88.4	87.7	88.0	87.9	88.7	88.9	88.3	89.5						
8-year	65.6	68.0	77.1	81.9	84.1	83.3	86.3	87.1	86.7	87.3	87.3	87.3	86.6	87.1	87.4	87.7	87.9	87.2							
9-year	63.3	66.0	75.3	80.7	82.7	82.3	84.9	86.1	85.9	86.3	86.8	86.4	86.3	86.2	86.6	86.9	86.9								
10-year	61.3	63.8	73.9	79.6	82.1	81.4	83.9	84.8	85.1	85.6	86.0	86.0	85.0	85.4	85.7	85.9									
11-year	59.5	61.9	72.7	78.5	81.0	80.6	83.1	84.0	83.9	84.6	85.2	85.4	84.3	84.9	84.9										
12-year	58.0	60.6	71.4	77.6	79.9	79.6	82.5	83.6	83.3	83.5	83.9	84.5	83.7	84.4											
13-year	56.7	59.4	70.3	76.7	78.8	78.7	81.4	82.5	82.6	82.7	83.4	83.6	83.2												
14-year	55.7	58.1	69.4	75.7	78.3	78.0	80.9	81.6	81.6	82.0	82.3	83.0													
15-year	54.4	57.2	68.4	74.8	77.3	77.4	79.8	80.5	81.3	81.3	81.6														
16-year	53.4	55.9	67.5	73.9	76.2	76.6	78.7	79.7	80.3	80.7															
17-year	52.2	54.8	66.6	72.9	75.4	75.9	78.2	79.1	80.0																
18-year	51.3	54.1	65.8	72.1	74.2	74.8	77.8	78.2																	
19-year	50.4	53.3	65.1	71.4	73.8	73.6	76.5																		
20-year	49.5	52.4	64.4	70.4	73.0	72.6																			
21-year	48.8	51.7	63.6	69.2	72.0																				
22-year	48.3	51.1	63.0	68.2																					
23-year	47.7	50.4	62.3																						
24-year	47.0	49.6	61.5																						
25-year	46.1	49.2	60.7																						
26-year	45.8	48.9	59.5																						
27-year	45.4	48.2	58.4																						
28-year	45.1	47.6																							
29-year	44.4	46.5																							
30-year	44.0	45.6																							

<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.