

Table 4.16
Cancer of the Female Breast (Ages 50+, 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
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	97.5	97.3	97.4	97.8	97.8	97.2
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	
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	93.1	93.3	93.8	93.5	93.6	93.7	93.8	93.9	94.1	93.9		
4-year	77.9	79.9	85.6	88.4	89.6	89.1	90.3	91.6	91.7	92.0	91.5	92.2	91.5	91.5	91.8	92.0	92.1	92.3	92.5	92.3	92.6			
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	90.6	91.0	90.6	91.4	91.0				
6-year	70.8	73.1	80.5	84.6	86.6	85.6	87.8	89.4	88.7	89.6	89.3	89.5	88.8	88.9	89.2	89.7	89.7	89.4	90.5					
7-year	67.9	70.4	78.6	82.9	85.1	84.7	86.9	88.4	87.7	88.4	88.0	88.4	87.7	88.0	87.9	88.7	88.9	88.3						
8-year	65.6	68.0	77.1	81.9	84.1	83.3	86.3	87.1	86.6	87.3	87.2	87.2	86.6	87.1	87.3	87.7	87.9							
9-year	63.3	66.0	75.3	80.7	82.7	82.3	84.9	86.1	85.8	86.3	86.8	86.4	86.3	86.1	86.6	86.8								
10-year	61.3	63.8	73.9	79.6	82.2	81.4	83.9	84.8	85.0	85.6	86.0	86.0	85.0	85.3	85.7									
11-year	59.5	61.9	72.7	78.5	81.0	80.6	83.1	84.1	83.8	84.6	85.1	85.4	84.3	84.8										
12-year	58.0	60.6	71.4	77.6	79.9	79.6	82.5	83.6	83.3	83.5	83.9	84.4	83.6											
13-year	56.7	59.4	70.3	76.7	78.8	78.7	81.4	82.4	82.5	82.7	83.4	83.5												
14-year	55.6	58.1	69.4	75.7	78.3	78.0	80.9	81.6	81.5	82.0	82.3													
15-year	54.4	57.2	68.4	74.8	77.3	77.4	79.8	80.4	81.2	81.1														
16-year	53.4	55.9	67.5	73.9	76.2	76.6	78.7	79.7	80.1															
17-year	52.2	54.8	66.6	72.8	75.4	75.8	78.2	79.0																
18-year	51.3	54.1	65.8	72.1	74.1	74.8	77.6																	
19-year	50.4	53.3	65.1	71.3	73.8	73.5																		
20-year	49.5	52.4	64.4	70.4	73.0																			
21-year	48.8	51.7	63.6	69.1																				
22-year	48.3	51.0	63.0																					
23-year	47.7	50.4	62.2																					
24-year	47.0	49.6	61.4																					
25-year	46.1	49.1	60.6																					
26-year	45.8	48.9	59.4																					
27-year	45.4	48.2																						
28-year	45.0	47.5																						
29-year	44.4	46.4																						
30-year	43.9	45.4																						

^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.