

Table 4.15
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	2015
Survival Time																									
1-year	96.6	97.4	97.9	98.0	97.9	97.7	98.0	98.3	98.6	98.4	98.2	98.5	98.7	98.5	98.8	98.8	99.0	98.7	98.8	98.6	99.1	98.8	98.5	98.8	98.9
2-year	90.7	91.2	92.5	93.8	93.6	93.8	94.6	95.1	95.0	95.6	94.6	95.7	96.1	95.9	96.1	96.8	97.1	96.4	96.4	96.3	97.1	96.6	96.6	96.5	
3-year	84.5	85.5	87.3	89.7	90.0	90.8	91.6	92.2	92.2	93.0	91.6	93.2	93.7	93.3	93.8	94.8	95.1	94.1	94.3	94.0	95.2	94.4	94.8		
4-year	79.9	80.9	83.3	86.3	86.6	88.2	88.7	89.5	90.1	90.6	89.3	90.6	91.8	91.2	92.2	93.1	93.4	92.5	92.6	92.0	93.0	92.4			
5-year	76.1	77.0	80.1	83.8	84.1	85.6	86.7	87.3	88.1	89.0	87.4	88.7	89.8	89.4	90.7	91.2	91.9	90.9	91.1	90.6	91.4				
6-year	73.2	74.2	77.9	81.8	82.2	83.4	84.7	85.4	86.2	87.4	85.3	86.8	88.1	87.9	89.4	89.7	90.4	89.5	89.8	89.4					
7-year	70.9	71.6	75.8	80.0	80.3	81.8	83.2	83.7	84.9	85.7	83.6	85.4	86.8	86.4	88.3	88.7	89.1	88.3	88.4						
8-year	68.9	69.5	74.1	78.5	78.7	80.1	81.5	82.3	83.6	83.8	82.2	84.3	85.7	85.3	87.4	87.6	88.1	87.4							
9-year	67.0	67.8	72.6	77.4	77.6	79.1	80.5	80.9	82.6	82.6	81.1	83.2	84.9	84.3	86.5	86.9	87.0								
10-year	65.6	66.4	71.5	76.3	76.4	77.7	79.3	79.8	81.6	81.6	80.3	82.4	84.0	83.4	85.6	86.0									
11-year	64.2	65.1	70.4	75.4	75.5	76.8	78.2	78.9	80.4	80.8	79.4	81.8	83.0	82.9	85.1										
12-year	62.8	64.1	69.3	74.4	74.6	76.1	77.3	78.2	80.0	80.1	78.5	80.6	82.6	82.3											
13-year	61.7	63.1	68.3	73.5	73.7	74.8	76.4	77.6	79.3	79.3	77.7	80.1	81.9												
14-year	61.0	62.0	67.6	72.8	73.1	74.1	75.4	77.2	78.1	78.9	77.3	79.5													
15-year	60.2	61.2	66.9	72.1	72.3	73.4	74.8	76.6	77.5	78.3	76.8														
16-year	59.5	60.5	66.2	71.4	71.5	73.0	74.1	76.1	77.0	77.8															
17-year	59.0	59.9	65.6	70.8	70.5	72.4	73.7	75.4	76.1																
18-year	58.4	59.2	65.0	70.2	69.5	72.1	72.7	75.1																	
19-year	57.8	58.8	64.4	69.6	68.5	71.5	72.2																		
20-year	57.1	58.2	63.9	69.1	68.0	70.9																			
21-year	56.4	57.5	63.4	68.7	67.5																				
22-year	55.8	56.8	62.9	68.3																					
23-year	55.3	56.2	62.4																						
24-year	54.7	55.6	62.0																						
25-year	54.1	55.2	61.5																						
26-year	53.8	54.7	60.9																						
27-year	53.2	54.1	60.3																						
28-year	52.8	53.5																							
29-year	52.4	53.0																							
30-year	52.1	52.6																							

^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.