

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

Survival Time	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
1-year	96.6	97.4	97.8	98.0	97.9	97.7	97.9	98.3	98.6	98.4	98.2	98.5	98.8	98.5	98.8	98.8	99.0	98.7	98.8	98.6	99.1	98.8	98.5	98.8	98.9	98.5
2-year	90.8	91.2	92.5	93.8	93.6	93.8	94.6	95.1	95.0	95.5	94.5	95.7	96.1	95.9	96.1	96.8	97.1	96.3	96.5	96.3	97.1	96.6	96.6	96.6	96.9	
3-year	84.5	85.5	87.4	89.7	90.0	90.7	91.6	92.2	92.2	93.0	91.7	93.3	93.7	93.3	93.8	94.8	95.1	94.1	94.3	94.0	95.2	94.4	94.9	94.8		
4-year	80.0	80.9	83.4	86.3	86.7	88.2	88.7	89.5	90.1	90.6	89.3	90.6	91.8	91.2	92.2	93.1	93.5	92.5	92.6	92.0	93.1	92.6	93.2			
5-year	76.1	77.0	80.1	83.8	84.2	85.5	86.7	87.3	88.1	89.0	87.3	88.7	89.8	89.4	90.7	91.2	91.9	91.0	91.2	90.7	91.5	91.1				
6-year	73.2	74.2	77.9	81.8	82.3	83.3	84.7	85.4	86.1	87.3	85.3	86.9	88.1	87.9	89.4	89.7	90.5	89.6	89.8	89.6	90.2					
7-year	70.9	71.6	75.8	80.0	80.3	81.7	83.2	83.7	84.8	85.7	83.7	85.4	86.8	86.4	88.3	88.8	89.1	88.4	88.5							
8-year	68.9	69.5	74.2	78.5	78.8	80.1	81.5	82.4	83.6	83.8	82.2	84.3	85.7	85.3	87.4	87.7	88.2	87.5	87.7							
9-year	67.0	67.8	72.6	77.4	77.7	79.1	80.5	80.9	82.6	82.6	81.1	83.3	85.0	84.4	86.5	87.0	87.1	86.5								
10-year	65.6	66.4	71.5	76.3	76.4	77.7	79.3	79.8	81.6	81.6	80.3	82.5	84.1	83.5	85.7	86.1	86.4									
11-year	64.2	65.1	70.4	75.4	75.6	76.8	78.2	79.0	80.4	80.8	79.4	81.8	83.1	83.0	85.2	85.8										
12-year	62.9	64.1	69.3	74.5	74.7	76.1	77.4	78.2	80.0	80.1	78.6	80.7	82.6	82.4	84.4											
13-year	61.7	63.1	68.3	73.5	73.8	74.8	76.4	77.6	79.3	79.4	77.8	80.1	82.0	81.9												
14-year	61.0	62.0	67.6	72.8	73.1	74.2	75.4	77.3	78.1	79.0	77.4	79.5	81.4													
15-year	60.2	61.2	66.9	72.2	72.4	73.5	74.9	76.7	77.6	78.4	76.9	79.2														
16-year	59.5	60.5	66.2	71.5	71.6	73.1	74.2	76.1	77.1	77.9	76.4															
17-year	59.0	59.9	65.6	70.8	70.6	72.5	73.7	75.5	76.2	77.3																
18-year	58.4	59.3	65.0	70.2	69.6	72.1	72.8	75.2	75.6																	
19-year	57.8	58.8	64.4	69.7	68.7	71.6	72.3	74.8																		
20-year	57.1	58.3	64.0	69.2	68.2	71.0	71.7																			
21-year	56.4	57.5	63.4	68.7	67.7	70.1																				
22-year	55.9	56.8	62.9	68.4	66.9																					
23-year	55.3	56.2	62.5	68.0																						
24-year	54.7	55.7	62.1																							
25-year	54.1	55.2	61.6																							
26-year	53.8	54.7	61.0																							
27-year	53.2	54.2	60.4																							
28-year	52.8	53.6	59.9																							
29-year	52.5	53.1																								
30-year	52.1	52.7																								

^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.