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- 1980- 1985- 1990-
             1979 1984 1989 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012
Survival Time
                                                                           98.5
 1-year
             96.6
                  97.4 97.9
                             98.0 97.9
                                         97.7 98.0
                                                    98.3
                                                         98.6
                                                                98.4 98.2
                                                                                 98.7
                                                                                       98.5
                                                                                            98.8 98.8
                                                                                                        99.0
                                                                                                             98.7
                                                                                                                   98.8
                                                                                                                        98.6 99.0
 2-year
                  91.2 92.5
                             93.8
                                   93.6
                                         93.8
                                               94.7
                                                    95.1
                                                          95.0
                                                                95.6
                                                                     94.6
                                                                           95.7
                                                                                 96.0
                                                                                       95.9
                                                                                            96.1
                                                                                                  96.7
                                                                                                        97.1
                                                                                                             96.4
                                                                                                                   96.4
                                                                                                                         96.3
                                                                                                                              97.0
 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
                                                                                       93.2
                                                                                            93.8 94.8
                                                                                                       95.1 94.0
                                                                                                                   94.2 93.8
                                                          90.0
                                                                90.6
 4-year
                  80.9 83.3
                             86.3
                                   86.6
                                         88.1
                                               88.7
                                                    89.5
                                                                     89.3
                                                                           90.6
                                                                                 91.8
                                                                                       91.1
                                                                                            92.1 93.0
                                                                                                       93.4
                                                                                                             92.4
             76.1 77.0 80.1
                             83.8
                                   84.1
                                         85.5
                                               86.8
                                                    87.3
                                                          88.1
                                                                89.0
                                                                     87.3
                                                                           88.6
                                                                                 89.8
                                                                                       89.4
                                                                                            90.7
                                                                                                  91.1
                                                                                                       91.8
 5-year
 6-year
                  74.1
                        77.9
                              81.7
                                   82.2
                                         83.3
                                               84.7
                                                    85.4
                                                          86.1
                                                                87.4
                                                                     85.3
                                                                           86.8
                                                                                 88.1
                                                                                       87.8
                                                                                            89.3
                                                                                                  89.5
                  71.5 75.8
                                   80.2
                                         81.7
                                               83.2
                                                    83.7
                                                          84.8
                                                                85.6
                                                                     83.5
                                                                           85.3
                                                                                       86.2
 7-year
             70.8
                              80.0
                                                                                 86.8
                                                                                            88.2 88.6
                                              81.5
             68.9
                  69.5 74.1
                             78.5
                                   78.7
                                         80.1
                                                    82.3
                                                          83.5
                                                                83.8
                                                                    82.1
                                                                           84.2
                                                                                85.6
                                                                                       85.1 87.3
 8-year
 9-year
             67.0
                  67.7
                        72.6
                             77.3
                                   77.6
                                         79.0
                                               80.5
                                                    80.8
                                                          82.5
                                                                82.5
                                                                     81.0
                                                                           83.1
                                                                                 84.9
 10-year
             65.5
                 66.3 71.4
                             76.3
                                   76.3
                                         77.6
                                              79.2
                                                    79.8
                                                          81.5
                                                                81.6 80.1
                                                                           82.3
                                                                                 83.9
 11-year
             64.2
                  65.0 70.3
                             75.3
                                   75.5
                                         76.7
                                              78.2 78.9
                                                          80.3
                                                                80.8
                                                                     79.2
                                                                           81.5
                  64.0 69.3
                             74.4
                                   74.6
                                         76.0 77.3
                                                    78.1 79.8
                                                                80.0 78.3
 12-year
             62.8
 13-year
             61.6
                  63.0
                        68.3
                             73.4
                                   73.7
                                         74.7
                                              76.4
                                                    77.5
                                                         79.1
 14-year
             60.9
                  61.9 67.6
                             72.8
                                   73.0
                                         74.0
                                              75.4
                                                    77.1
                             72.1
                                   72.2
                                         73.3
                                              74.7 76.5
 15-year
             60.1
                  61.1
                        66.8
 16-year
             59.4
                  60.4 66.1
                             71.3
                                   71.4
                                         72.9
                                              74.0
 17-year
             58.9
                  59.7 65.6
                             70.7
                                   70.3
                                         72.2
                  59.1 64.9
 18-year
             58.3
                             70.1
                                   69.2
             57.6 58.7 64.4
                             69.5
 19-year
             57.0 58.1 63.9
 20-year
 21-year
             56.3 57.3 63.3
             55.7 56.6 62.8
 22-year
 23-year
             55.1 56.0 62.3
 24-year
             54.5 55.4 61.9
 25-year
             53.9 55.0
 26-year
             53.6 54.4
 27-year
             53.0 53.9
 28-year
             52.6 53.3
 29-year
             52.2 52.8
 30-year
             51.9
```

^a Based on the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).