

Table IV-10  
FEMALE BREAST CANCER (Invasive)

## SURVIVAL RATES, BY RACE, DIAGNOSIS YEAR, STAGE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 <sup>a</sup>	-	-	-	63	-	-	46	-	-
1970-1973 <sup>a</sup>	-	-	-	68	-	-	51	-	-
1975-1977 <sup>b</sup>	75.1	76.6	74.6	75.8	77.8	75.2	62.5	62.9	62.3
1978-1980 <sup>b</sup>	74.8	75.5	74.6	75.6	76.2	75.4	63.9	67.0	62.1
1981-1983 <sup>b</sup>	76.7	77.4	76.5	77.7	78.6	77.4	64.0	65.2	63.4
1984-1986 <sup>b</sup>	79.3	77.9	79.8	80.4	79.7	80.6	65.1	63.8	65.9
1987-1989 <sup>b</sup>	84.2	81.4	85.2	85.3	82.8	86.2	71.2	69.4	72.2
1990-1992 <sup>b</sup>	85.4	83.3	86.2	86.7	85.1	87.2	71.6	70.0	72.7
1993-1995 <sup>b</sup>	86.6	84.2	87.6	88.0	86.3	88.6	72.9	70.0	74.7
1996-2002 <sup>b</sup>	89.0 <sup>e</sup>	87.1 <sup>e</sup>	89.7 <sup>e</sup>	90.1 <sup>e</sup>	88.8 <sup>e</sup>	90.6 <sup>e</sup>	77.3 <sup>e</sup>	75.9 <sup>e</sup>	78.2 <sup>e</sup>
<u>5-YR PERIOD SURVIVAL RATES<sup>cd</sup></u>									
YEAR OF DIAGNOSIS:									
1996-2002	89.1	86.7	90.0	90.1	88.2	90.8	78.5	76.3	79.8
<u>STAGE DISTRIBUTION (%) 1996-2002<sup>c</sup></u>									
All Stages									
Number of cases	211,875	52,253	159,622	177,883	40,737	137,146	18,478	6,174	12,304
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	61	54	64	62	55	64	52	46	54
Regional	31	39	28	30	39	28	36	43	33
Distant	6	5	6	6	5	6	9	9	10
Unstaged	2	2	2	2	1	2	3	2	3
<u>5-YR RELATIVE SURVIVAL RATES, 1996-2002<sup>c</sup></u>									
AGE AT DIAGNOSIS:									
<45	84.6	-	-	86.3	-	-	73.0	-	-
45-54	89.0	-	-	90.2	-	-	78.6	-	-
55-64	90.0	-	-	91.2	-	-	79.1	-	-
65-74	90.5	-	-	91.2	-	-	80.2	-	-
75+	87.5	-	-	88.2	-	-	75.2	-	-
Under 65	88.3	-	-	89.7	-	-	77.0	-	-
65 and over	89.3	-	-	90.0	-	-	78.2	-	-
STAGE:									
All Stages	88.5	86.5	89.3	89.7	88.0	90.2	77.3	75.2	78.4
Localized	98.1	95.3	98.9	98.5	95.8	99.3	93.6	90.4	95.2
Regional	83.1	82.4	83.5	84.6	84.2	84.7	71.8	72.0	71.6
Distant	26.0	32.5	23.7	27.7	36.6	24.9	16.1	17.6	15.2
Unstaged	54.1	66.8	50.3	56.0	72.4	51.6	44.9	47.2 <sup>f</sup>	43.3
<i>IN SITU</i> <sup>h</sup>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	100.0

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.

<sup>b</sup> Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Rates are based on follow-up of patients into 2003.

<sup>c</sup> Rates are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2002. The remaining 13 SEER Areas contribute cases for the entire period 1996-2002. Rates are based on follow-up of patients into 2003.

<sup>d</sup> Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (2000-2002: 0-1 year survival), (1999-2001: 1-2 year survival), (1998-2000: 2-3 year survival), (1997-1999: 3-4 year survival), (1996-1998: 4-5 years survival).

<sup>e</sup> The difference in rates between 1975-1977 and 1996-2002 is statistically significant ( $p < .05$ ).

<sup>f</sup> The standard error of the survival rate is between 5 and 10 percentage points.

<sup>g</sup> The standard error of the survival rate is greater than 10 percentage points.

<sup>h</sup> *In situ* cases are not included in the All Stages group.

- Statistic could not be calculated due to fewer than 16 cases during the time period.