

Table 21.8  
Cancer of the Ovary(Invasive)

5-Year Relative and Period Survival (Percent) by Race, Diagnosis Year, Stage and Age

	All Races, Females			White Females			Black Females		
	All	<65	65+	All	<65	65+	All	<65	65+
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1960-1963 <sup>a</sup>	-	-	-	32	-	-	32	-	-
1970-1973 <sup>a</sup>	-	-	-	36	-	-	32	-	-
1975-1977 <sup>b</sup>	36.0	44.2	21.4	35.3	43.6	21.1	41.9	48.9	24.9 <sup>g</sup>
1978-1980 <sup>b</sup>	37.7	47.3	22.1	36.8	46.4	22.3	38.8	49.2	12.8
1981-1983 <sup>b</sup>	38.8	50.2	23.1	38.4	50.2	23.1	37.5	45.4	22.6
1984-1986 <sup>b</sup>	38.4	49.4	24.1	37.5	48.4	23.8	39.4	52.2	21.2
1987-1989 <sup>b</sup>	38.2	51.1	23.6	38.1	51.2	23.9	33.7	46.9	17.1
1990-1992 <sup>b</sup>	40.5	55.4	24.1	40.4	56.0	24.1	35.5	49.1	16.8
1993-1995 <sup>b</sup>	41.5	55.8	26.5	40.6	55.5	25.9	41.5	54.8	26.9
1996-1998 <sup>b</sup>	43.9	57.1	28.4	43.3	56.6	28.5	39.2	53.3	20.4
1999-2001 <sup>b</sup>	43.8	55.8	28.9	43.5	56.3	28.9	35.6	44.1	21.9
2002-2005 <sup>b</sup>	43.9	57.1	26.6	43.5	57.1	26.9	36.8	45.4	21.1
2006-2012 <sup>b</sup>	46.4 <sup>f</sup>	59.6 <sup>f</sup>	28.8 <sup>f</sup>	46.0 <sup>f</sup>	59.5 <sup>f</sup>	29.2 <sup>f</sup>	38.1	48.4	22.3
5-Year Period Survival (Percent) <sup>cd</sup>									
2012	47.6	60.2	30.3	47.7	60.7	31.0	38.4	49.0	22.6
Stage Distribution (%) 2006-2012 <sup>ce</sup>									
All Stages									
Number of cases	34,144	19,326	14,818	28,143	15,421	12,722	2,909	1,707	1,202
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	15	20	7	14	20	7	15	20	7
Regional	19	23	14	19	23	14	15	17	11
Distant	60	53	69	61	54	69	62	57	70
Unstaged	6	3	10	6	3	9	8	6	11
5-Year Relative Survival (Percent), 2006-2012 <sup>c</sup>									
Age at Diagnosis:									
Ages <45	76.8	-	-	77.5	-	-	66.4	-	-
Ages 45-54	58.7	-	-	60.0	-	-	43.4	-	-
Ages 55-64	49.8	-	-	50.6	-	-	34.6	-	-
Ages 65-74	38.4	-	-	39.4	-	-	27.2	-	-
Ages 75+	20.2	-	-	20.6	-	-	13.8	-	-
Ages <65	59.1	-	-	59.7	-	-	46.3	-	-
Ages 65+	28.9	-	-	29.4	-	-	21.0	-	-
Stage <sup>e</sup> :									
All Stages	46.2	59.1	28.9	46.2	59.7	29.4	36.0	46.3	21.0
Localized	92.1	93.7	86.4	92.8	94.6	87.1	85.7	87.3	78.5 <sup>g</sup>
Regional	73.1	80.4	56.8	73.4	80.7	58.5	57.9	67.9	34.9 <sup>g</sup>
Distant	28.8	37.6	19.7	29.3	38.6	20.1	20.6	25.6	14.4
Unstaged	24.2	53.5	10.9	22.8	53.0	10.8	27.4	54.0 <sup>g</sup>	7.7

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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

<sup>b</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2013.

<sup>c</sup> SEER 18 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, New Jersey and Georgia excluding ATL/RG).

Based on follow-up of patients into 2013.

<sup>d</sup> Period survival provides a 2012 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2010-2012: 0-1 year survival), (2009-2011: 1-2 year survival), (2008-2010: 2-3 year survival), (2007-2009: 3-4 year survival), (2006-2008: 4-5 years survival).

<sup>e</sup> Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.

<sup>f</sup> The difference between 1975-1977 and 2006-2012 is statistically significant (p<.05).

<sup>g</sup> The standard error is between 5 and 10 percentage points.

<sup>h</sup> The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.