

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 ^a	-	-	-	32	-	-	32	-	-
1970-1973 ^a	-	-	-	36	-	-	32	-	-
1975-1977 ^b	36.0	44.2	21.4	35.3	43.5	21.1	41.8	48.9	24.9 ^g
1978-1980 ^b	37.7	47.3	22.1	36.8	46.5	22.3	38.8	49.2	12.8
1981-1983 ^b	38.8	50.2	23.1	38.5	50.2	23.1	37.5	45.4	22.6
1984-1986 ^b	38.4	49.4	24.1	37.5	48.5	23.7	39.4	52.2	21.2
1987-1989 ^b	38.2	51.1	23.6	38.1	51.2	23.9	33.7	46.9	17.1
1990-1992 ^b	40.5	55.3	24.2	40.3	55.9	24.1	35.6	49.1	16.9
1993-1995 ^b	41.4	55.7	26.5	40.5	55.4	25.9	41.5	54.8	26.9
1996-1998 ^b	43.8	57.0	28.4	43.2	56.5	28.4	39.1	53.1	20.6
1999-2003 ^b	43.7	56.4	27.9	43.3	56.5	28.0	35.7	46.0	19.9
2004-2010 ^b	44.6 ^f	57.4 ^f	27.5 ^f	44.3 ^f	57.7 ^f	27.9 ^f	36.4	45.3	21.6
5-Year Period Survival (Percent) ^{cd}									
2010	45.3	58.6	27.7	45.2	59.0	28.1	35.0	45.6	20.4
Stage Distribution (%) 2004-2010 ^{ce}									
All Stages									
Number of cases	33,841	19,018	14,823	28,189	15,336	12,853	2,790	1,646	1,144
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	15	20	7	14	20	7	15	20	8
Regional	18	22	13	18	22	14	15	17	11
Distant	61	54	69	61	55	69	62	58	69
Unstaged	6	3	10	6	3	10	8	6	12
5-Year Relative Survival (Percent), 2004-2010 ^c									
Age at Diagnosis:									
Ages <45	74.9	-	-	75.8	-	-	65.2	-	-
Ages 45-54	58.0	-	-	59.0	-	-	39.6	-	-
Ages 55-64	47.4	-	-	48.1	-	-	33.1	-	-
Ages 65-74	37.1	-	-	38.0	-	-	24.8	-	-
Ages 75+	19.1	-	-	19.1	-	-	16.8	-	-
Ages <65	57.5	-	-	57.9	-	-	44.9	-	-
Ages 65+	27.3	-	-	27.7	-	-	21.1	-	-
Stage ^e :									
All Stages	44.6	57.5	27.3	44.4	57.9	27.7	35.3	44.9	21.1
Localized	92.3	93.3	87.9	92.4	93.8	87.2	87.4	87.6	86.0 ^g
Regional	71.7	79.2	55.3	72.1	79.8	56.6	54.1	62.2	36.6 ^g
Distant	27.4	36.1	18.2	27.7	37.1	18.6	19.5	24.6	13.3
Unstaged	21.8	50.8	8.9	20.8	49.9	9.3	25.4	50.5 ^g	6.3

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

^a Based on End Results data from a series of hospital registries and one population-based registry.

^b SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2011.

^c 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 2011.

^d Period survival provides a 2010 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2007-2009: 0-1 year survival), (2006-2008: 1-2 year survival), (2005-2007: 2-3 year survival), (2004-2006: 3-4 year survival), (2003-2005: 4-5 years survival).

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

^f The difference between 1975-1977 and 2004-2010 is statistically significant (p<.05).

^g The standard error is between 5 and 10 percentage points.

^h The standard error is greater than 10 percentage points.

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