

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	43.6	21.1	41.9	48.9	24.9 ^g
1978-1980 ^b	37.6	47.2	22.1	36.8	46.4	22.3	38.8	49.2	12.8
1981-1983 ^b	38.8	50.2	23.1	38.4	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	23.5	38.1	51.2	23.9	33.7	46.9	17.1
1990-1992 ^b	40.5	55.3	24.2	40.4	56.0	24.1	35.6	49.1	16.9
1993-1995 ^b	41.5	55.7	26.5	40.6	55.4	25.9	41.5	54.8	26.9
1996-1998 ^b	43.8	57.0	28.3	43.2	56.5	28.4	38.9	53.1	20.4
1999-2001 ^b	43.8	55.8	28.9	43.5	56.3	28.9	35.4	43.9	21.9
2002-2004 ^b	43.8	56.9	26.9	43.3	56.8	27.2	36.3	46.2	20.2
2005-2011 ^b	45.9 ^f	58.7 ^f	28.6 ^f	45.6 ^f	58.9 ^f	29.1 ^f	37.7	46.8	22.6
5-Year Period Survival (Percent) ^{cd}									
2011	45.8	58.7	28.4	45.9	59.3	29.1	35.6	46.2	20.9
Stage Distribution (%) 2005-2011 ^{ce}									
All Stages									
Number of cases	33,935	19,183	14,752	28,099	15,369	12,730	2,837	1,666	1,171
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	15	20	7	14	20	7	15	20	8
Regional	19	23	14	19	23	14	15	17	12
Distant	60	54	69	61	54	69	63	58	69
Unstaged	6	3	10	6	3	10	8	5	12
5-Year Relative Survival (Percent), 2005-2011 ^c									
Age at Diagnosis:									
Ages <45	75.8	-	-	76.9	-	-	63.5	-	-
Ages 45-54	58.2	-	-	59.0	-	-	43.2	-	-
Ages 55-64	48.7	-	-	49.5	-	-	33.7	-	-
Ages 65-74	38.5	-	-	39.6	-	-	25.8	-	-
Ages 75+	19.6	-	-	19.7	-	-	16.6	-	-
Ages <65	58.3	-	-	58.8	-	-	45.4	-	-
Ages 65+	28.4	-	-	28.9	-	-	21.5	-	-
Stage ^e :									
All Stages	45.6	58.3	28.4	45.5	58.8	28.9	35.7	45.4	21.5
Localized	92.1	93.3	87.3	92.5	94.0	87.4	86.4	87.1	82.0 ^g
Regional	73.2	80.3	57.4	73.6	80.9	58.6	55.0	63.1	37.0 ^g
Distant	28.3	37.0	19.1	28.7	37.9	19.6	20.5	25.9	14.2
Unstaged	22.9	51.1	10.3	22.1	50.6	10.5	24.5	49.9 ^g	7.0

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 2012.

^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 2012.

^d Period survival provides a 2011 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2009-2011: 0-1 year survival), (2008-2010: 1-2 year survival), (2007-2009: 2-3 year survival), (2006-2008: 3-4 year survival), (2005-2007: 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 2005-2011 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.