

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	36.1	44.2	21.5	35.3	43.6	21.2	41.9	48.9	25.0 ^f
1978-1980 ^b	37.7	47.3	22.2	36.9	46.5	22.4	38.9	49.3	12.8
1981-1983 ^b	39.2	50.4	23.5	38.8	50.4	23.6	37.6	45.5	22.6
1984-1986 ^b	38.5	49.5	24.2	37.6	48.5	23.9	39.6	52.5	21.2
1987-1989 ^b	38.3	51.1	23.7	38.2	51.3	24.0	33.8	46.9	17.6
1990-1992 ^b	40.6	55.4	24.4	40.5	56.0	24.3	36.2	49.7	17.5
1993-1995 ^b	41.6	55.8	26.7	40.7	55.5	26.2	41.7	55.1	26.9
1996-2000 ^b	43.5	56.2	28.4	42.9	56.0	28.4	37.6	50.3	20.9
2001-2007 ^b	43.6 ^e	56.7 ^e	26.4 ^e	43.3 ^e	56.9 ^e	26.9 ^e	36.0	44.0	21.4
5-Year Period Survival (Percent) ^{cd}									
2007	43.9	56.9	26.8	43.7	56.8	27.5	35.4	45.8	18.2
Stage Distribution (%) 2001-2007 ^c									
All Stages									
Number of cases	31,316	17,355	13,961	26,519	14,269	12,250	2,276	1,348	928
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	15	21	7	14	20	7	15	20	7
Regional	17	20	13	17	20	13	14	15	13
Distant	62	56	70	63	57	70	63	59	68
Unstaged	7	4	10	7	3	10	8	6	12
5-Year Relative Survival (Percent), 2001-2007 ^c									
Age at Diagnosis:									
Ages <45	73.5	-	-	73.9	-	-	66.8	-	-
Ages 45-54	58.0	-	-	59.0	-	-	40.7	-	-
Ages 55-64	45.7	-	-	46.2	-	-	31.7	-	-
Ages 65-74	35.0	-	-	35.7	-	-	23.1	-	-
Ages 75+	20.5	-	-	21.2	-	-	12.4	-	-
Ages <65	56.9	-	-	57.1	-	-	45.5	-	-
Ages 65+	27.0	-	-	27.5	-	-	18.0	-	-
Stage:									
All Stages	43.8	56.9	27.0	43.7	57.1	27.5	34.9	45.5	18.0
Localized	92.5	93.4	89.0	92.6	93.4	89.5	88.6	91.4	73.3 ^f
Regional	72.0	79.9	55.6	73.0	81.1	57.2	52.7	63.1	34.8 ^f
Distant	26.9	35.6	18.1	27.5	36.4	18.8	18.1	24.3	9.3
Unstaged	22.4	48.3	10.8	21.1	46.6	11.0	25.6	46.6 ^f	10.5

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 2008.

^c 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).

Based on follow-up of patients into 2008.

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

(2004-2006: 1-2 year survival), (2003-2005: 2-3 year survival), (2002-2004: 3-4 year survival), (2001-2003: 4-5 years survival).

^e The difference between 1975-1977 and 2001-2007 is statistically significant (p<.05).

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

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

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