

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	41.3	48.2	24.9 ^g
1978-1980 ^b	37.7	47.3	22.1	36.9	46.5	22.3	38.8	49.2	12.8
1981-1983 ^b	38.9	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	48.4	23.8	39.4	52.2	21.2
1987-1989 ^b	38.2	51.1	23.6	38.2	51.2	23.9	33.9	47.2	17.1
1990-1992 ^b	40.5	55.4	24.1	40.4	56.0	24.1	35.5	49.1	16.8
1993-1995 ^b	41.5	55.8	26.5	40.6	55.5	25.9	41.5	54.8	26.9
1996-1998 ^b	43.9	57.1	28.4	43.3	56.6	28.5	39.2	53.3	20.4
1999-2001 ^b	43.9	55.9	28.9	43.6	56.5	28.9	35.6	44.1	21.9
2002-2006 ^b	44.3	57.6	26.9	43.9	57.9	27.2	37.3	46.4	20.9
2007-2013 ^b	46.7 ^f	59.5 ^f	29.1 ^f	46.2 ^f	59.3 ^f	29.6 ^f	38.5	49.5	22.2
5-Year Period Survival (Percent) ^{cd}									
2013	47.7	59.5	31.2	47.7	60.1	31.7	38.9	48.4	23.2
Stage Distribution (%) 2007-2013 ^{ce}									
All Stages									
Number of cases	34,158	19,407	14,751	27,980	15,369	12,611	2,975	1,754	1,221
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	15	20	8	14	20	7	15	20	8
Regional	20	24	14	20	24	14	16	18	11
Distant	60	52	69	60	53	69	62	56	71
Unstaged	6	3	9	6	3	9	8	6	10
5-Year Relative Survival (Percent), 2007-2013 ^c									
Age at Diagnosis:									
Ages <45	76.5	-	-	77.5	-	-	69.1	-	-
Ages 45-54	59.1	-	-	59.9	-	-	47.1	-	-
Ages 55-64	49.5	-	-	50.2	-	-	35.4	-	-
Ages 65-74	38.7	-	-	39.7	-	-	27.7	-	-
Ages 75+	20.9	-	-	21.5	-	-	12.4	-	-
Ages <65	59.0	-	-	59.5	-	-	48.4	-	-
Ages 65+	29.5	-	-	30.2	-	-	20.6	-	-
Stage ^e :									
All Stages	46.5	59.0	29.5	46.6	59.5	30.2	37.2	48.4	20.6
Localized	92.5	94.1	86.7	93.3	95.0	87.3	86.5	88.6	77.8 ^g
Regional	73.0	79.8	57.8	73.3	80.2	59.0	61.0	69.8	40.5 ^g
Distant	28.9	37.2	20.2	29.4	38.1	20.8	20.9	27.5	12.8
Unstaged	25.1	54.3	10.7	23.5	53.3	10.5	28.2	54.4 ^g	8.1

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 2014.

^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 2014.

^d Period survival provides a 2013 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).^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 2007-2013 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.