

Table 16.8
Melanoma of the Skin (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1960-1963 ^a	-	-	-	60	51	68	-	-	-
1970-1973 ^a	-	-	-	68	62	75	-	-	-
1975-1977 ^b	82.0	77.6	86.3	82.0	77.8	86.2	58.0 ^f	-	-
1978-1980 ^b	82.8	77.8	87.7	82.9	77.9	87.8	59.8 ^g	-	-
1981-1983 ^b	82.8	78.4	87.3	82.7	78.4	87.2	61.9 ^f	-	-
1984-1986 ^b	86.7	82.6	91.1	86.4	82.2	91.0	70.3 ^g	-	-
1987-1989 ^b	88.1	85.0	91.5	88.0	85.0	91.3	79.4 ^f	-	90.3 ^f
1990-1992 ^b	89.3	87.0	91.8	89.3	87.1	91.8	61.8 ^f	-	-
1993-1995 ^b	89.7	87.3	92.6	89.5	87.0	92.6	68.2 ^f	64.0 ^f	-
1996-2000 ^b	91.6	90.1	93.3	91.5	89.9	93.4	72.7 ^f	68.7 ^f	76.0 ^f
2001-2007 ^b	93.0 ^e	91.1 ^e	95.2 ^e	93.0 ^e	91.0 ^e	95.3 ^e	73.4 ^f	72.3 ^f	73.7 ^f
5-Year Period Survival (Percent) ^{cd}									
2007	91.3	89.5	93.4	91.0	89.2	93.1	72.4	61.9	78.4
Stage Distribution (%) 2001-2007 ^c									
All Stages									
Number of cases	81,421	45,027	36,394	76,613	42,600	34,013	367	153	214
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	84	82	87	84	82	86	58	50	64
Regional	8	9	7	9	10	7	22	24	21
Distant	4	5	3	4	5	3	13	18	9
Unstaged	4	4	4	4	4	3	8	9	7
5-Year Relative Survival (Percent), 2001-2007 ^c									
Age at Diagnosis:									
Ages <45	94.3	91.3	96.5	94.2	91.0	96.4	78.9	64.5 ^f	86.4
Ages 45-54	92.0	89.7	94.8	91.7	89.3	94.6	85.0 ^f	-	84.2 ^f
Ages 55-64	91.7	89.9	94.6	91.3	89.6	94.3	71.5 ^f	59.7 ^g	82.7 ^f
Ages 65-74	90.1	88.6	92.4	89.9	88.4	92.3	63.7 ^f	55.4 ^g	72.2 ^g
Ages 75+	84.9	84.8	85.1	84.7	84.6	84.8	62.2 ^f	62.2 ^g	60.1 ^g
Ages <65	92.8	90.3	95.5	92.5	89.9	95.4	77.8	68.5 ^f	84.3
Ages 65+	87.7	87.0	88.7	87.5	86.9	88.5	63.8 ^f	60.2 ^f	65.4 ^f
Stage:									
All Stages	91.2	89.2	93.7	90.9	88.9	93.5	72.4	65.2 ^f	77.4
Localized	98.2	97.6	98.8	98.0	97.4	98.7	94.8	90.3 ^f	96.3
Regional	61.7	58.4	66.9	62.1	58.7	67.5	41.4 ^f	44.3 ^g	37.9 ^g
Distant	15.2	14.3	16.9	15.0	14.3	16.4	25.2 ^f	19.6 ^g	-
Unstaged	74.6	71.1	78.9	73.5	70.1	77.5	53.3 ^g	-	-

^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.