

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	81.9	77.5	86.3	82.0	77.7	86.2	56.7 ^g	-	-
1978-1980 ^b	82.7	77.7	87.7	82.8	77.8	87.8	59.8 ^h	-	-
1981-1983 ^b	82.7	78.3	87.2	82.7	78.4	87.1	61.9 ^g	-	-
1984-1986 ^b	86.6	82.5	91.0	86.3	82.2	90.9	70.0 ^h	-	-
1987-1989 ^b	88.0	84.8	91.5	87.9	84.7	91.3	78.6 ^g	-	89.5 ^g
1990-1992 ^b	89.2	86.9	91.7	89.2	86.9	91.7	59.6 ^g	-	-
1993-1995 ^b	89.7	87.2	92.6	89.5	87.0	92.6	70.2 ^g	65.3 ^g	69.7 ^h
1996-1998 ^b	90.9	89.5	92.7	90.8	89.2	92.7	73.9 ^g	68.0 ^h	78.6 ^g
1999-2003 ^b	92.6	90.5	95.0	92.6	90.5	95.0	72.6 ^g	73.7 ^g	71.4 ^g
2004-2010 ^b	92.9 ^f	91.1 ^f	95.0 ^f	92.9 ^f	91.1 ^f	95.0 ^f	75.1	64.6 ^g	81.2 ^g
5-Year Period Survival (Percent) ^{cd}									
2010	91.3	89.3	93.9	90.9	88.8	93.7	72.9	71.0	73.5
Stage Distribution (%) 2004-2010 ^{ce}									
All Stages									
Number of cases	94,432	52,680	41,752	88,467	49,631	38,836	462	196	266
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	84	82	86	84	82	86	55	46	62
Regional	9	10	7	9	10	8	26	28	24
Distant	4	5	3	4	5	3	14	20	10
Unstaged	3	3	3	3	3	3	5	6	4
5-Year Relative Survival (Percent), 2004-2010 ^c									
Age at Diagnosis:									
Ages <45	94.5	91.3	96.7	94.4	91.1	96.7	82.9	62.7 ^h	90.7
Ages 45-54	92.6	90.3	95.3	92.4	90.0	95.2	66.7 ^g	59.3 ^h	72.0 ^g
Ages 55-64	91.0	89.2	94.0	90.5	88.7	93.7	73.4 ^g	63.7 ^g	84.9 ^g
Ages 65-74	90.5	89.2	92.9	90.4	89.0	92.8	59.4 ^g	51.0 ^g	65.9 ^g
Ages 75+	85.6	86.2	84.7	85.2	85.8	84.2	64.8 ^g	63.7 ^h	62.7 ^h
Ages <65	92.7	90.1	95.6	92.4	89.7	95.4	75.4	62.4 ^g	84.2
Ages 65+	88.2	87.9	88.7	87.9	87.6	88.5	63.6 ^g	58.3 ^g	64.2 ^g
Stage ^e :									
All Stages	91.3	89.3	93.7	91.0	89.0	93.5	71.1	60.8	76.9
Localized	98.1	97.6	98.7	98.0	97.4	98.6	91.1	87.7 ^g	91.2
Regional	62.6	59.5	67.7	62.6	59.8	67.7	56.4 ^g	49.2 ^g	62.3 ^g
Distant	16.1	14.7	18.9	16.1	14.8	18.9	16.1 ^g	14.7 ^g	-
Unstaged	78.3	75.4	81.9	77.3	74.4	80.9	-	-	-

^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.