

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	77.6	86.3	81.9	77.7	86.2	56.7 ^g	-	-
1978-1980 ^b	82.7	77.7	87.6	82.8	77.8	87.7	59.8 ^h	-	-
1981-1983 ^b	82.7	78.3	87.2	82.7	78.3	87.1	61.9 ^g	-	-
1984-1986 ^b	86.5	82.5	91.0	86.3	82.1	90.9	70.0 ^h	-	-
1987-1989 ^b	88.0	84.8	91.5	87.9	84.8	91.2	78.6 ^g	-	89.5 ^g
1990-1992 ^b	89.2	86.9	91.7	89.2	86.9	91.7	60.4 ^h	-	-
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	89.4	92.7	90.8	89.2	92.7	73.3 ^g	66.6 ^h	78.6 ^g
1999-2002 ^b	92.3	90.2	94.9	92.4	90.2	95.0	73.1 ^g	73.3 ^g	72.7 ^g
2003-2009 ^b	93.1 ^f	91.5 ^f	95.1 ^f	93.1 ^f	91.4 ^f	95.1 ^f	76.5 ^g	70.7 ^g	79.4 ^g
5-Year Period Survival (Percent) ^{cd}									
2009	91.7	89.9	94.0	91.4	89.6	93.8	69.1	58.3	76.4
Stage Distribution (%) 2003-2009 ^{ee}									
All Stages									
Number of cases	91,938	51,247	40,691	86,520	48,515	38,005	445	187	258
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	84	82	86	84	82	86	56	49	62
Regional	9	10	7	9	10	7	24	26	22
Distant	4	4	3	4	5	3	14	19	10
Unstaged	4	4	4	3	4	3	6	6	6
5-Year Relative Survival (Percent), 2003-2009 ^c									
Age at Diagnosis:									
Ages <45	94.6	91.5	96.7	94.5	91.3	96.7	81.7	62.7 ^g	90.3
Ages 45-54	92.5	90.2	95.2	92.3	90.0	94.9	72.9 ^g	66.2 ^h	78.2 ^g
Ages 55-64	90.9	89.3	93.7	90.6	89.0	93.3	72.3 ^g	58.9 ^g	86.2 ^g
Ages 65-74	90.3	89.0	92.7	90.1	88.8	92.5	67.3 ^g	55.0 ^g	78.9 ^g
Ages 75+	86.5	87.0	85.5	86.0	86.5	85.2	65.5 ^g	71.2 ^h	56.4 ^h
Ages <65	92.7	90.2	95.5	92.5	89.9	95.3	76.6	62.8 ^g	86.0
Ages 65+	88.4	88.1	89.1	88.1	87.7	88.8	67.6 ^g	65.3 ^g	68.2 ^g
Stage ^e :									
All Stages	91.3	89.4	93.7	91.1	89.1	93.5	73.1	64.0	79.1
Localized	98.3	97.9	98.9	98.1	97.7	98.7	94.3	88.3 ^g	96.2
Regional	62.4	59.7	66.8	62.5	59.9	66.8	54.1 ^g	50.4 ^g	56.9 ^g
Distant	16.0	14.7	18.5	16.0	14.7	18.4	23.5 ^g	22.2 ^g	23.8 ^h
Unstaged	76.5	73.0	80.8	75.6	72.0	79.9	62.4 ^h	-	-

^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 2010.

^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 2010.

^d Period survival provides a 2009 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.

^f The difference between 1975-1977 and 2003-2009 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.