

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	82.0	77.8	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	82.8	78.4	87.2	82.7	78.4	87.2	61.9 ^g	-	-
1984-1986 ^b	86.5	82.5	91.0	86.3	82.1	90.9	71.2 ^h	-	-
1987-1989 ^b	88.1	84.9	91.5	87.9	84.9	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	86.9	92.6	69.5 ^g	66.6 ^g	-
1996-1998 ^b	90.9	89.5	92.6	90.8	89.2	92.6	73.9 ^g	68.0 ^h	78.6 ^g
1999-2001 ^b	92.1	90.1	94.5	92.2	90.2	94.6	73.2 ^g	69.6 ^g	76.1 ^g
2002-2004 ^b	93.1	91.1	95.4	93.1	91.0	95.5	72.0 ^g	-	70.4 ^g
2005-2011 ^b	93.1 ^f	91.5 ^f	95.0 ^f	93.1 ^f	91.6 ^f	95.0 ^f	69.8	57.0 ^g	78.1 ^g
5-Year Period Survival (Percent) ^{cd}									
2011	91.5	89.5	94.0	91.2	89.1	93.8	70.5	64.9	73.7
Stage Distribution (%) 2005-2011 ^{ce}									
All Stages									
Number of cases	95,820	53,606	42,214	89,722	50,478	39,244	468	200	268
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	84	82	86	84	82	86	55	47	61
Regional	9	10	7	9	10	8	25	29	23
Distant	4	5	3	4	5	3	15	19	12
Unstaged	3	3	3	3	3	3	5	6	4
5-Year Relative Survival (Percent), 2005-2011 ^c									
Age at Diagnosis:									
Ages <45	94.7	91.6	96.7	94.5	91.4	96.6	85.4	70.0 ^g	92.1
Ages 45-54	92.7	90.3	95.3	92.4	89.9	95.2	66.0 ^g	59.1 ^h	70.7 ^g
Ages 55-64	91.1	89.6	93.6	90.8	89.3	93.3	66.8 ^g	59.5 ^g	78.4 ^g
Ages 65-74	91.1	89.8	93.6	91.0	89.6	93.7	61.6 ^g	56.5 ^g	65.5 ^g
Ages 75+	86.5	86.9	85.7	86.1	86.7	85.2	62.6 ^g	59.8 ^h	61.9 ^g
Ages <65	92.8	90.3	95.4	92.5	90.0	95.3	73.8	62.5 ^g	82.6
Ages 65+	88.9	88.5	89.6	88.7	88.3	89.4	62.1 ^g	57.9 ^g	63.8 ^g
Stage ^e :									
All Stages	91.5	89.7	93.8	91.2	89.4	93.6	69.4	60.9	75.0
Localized	98.3	97.9	98.8	98.1	97.7	98.7	90.9	91.0	89.9
Regional	63.0	60.5	67.2	63.3	61.0	67.3	49.5 ^g	38.4 ^g	59.7 ^g
Distant	16.6	15.2	19.6	16.5	15.1	19.5	23.3 ^g	21.8 ^g	28.9 ^g
Unstaged	80.2	77.4	83.7	79.3	76.2	83.2	-	-	-

^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 2012.

^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 2012.

^d Period survival provides a 2011 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2009-2011: 0-1 year survival), (2008-2010: 1-2 year survival), (2007-2009: 2-3 year survival), (2006-2008: 3-4 year survival), (2005-2007: 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 2005-2011 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.