

Table 16.15
Melanoma of the Skin (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2009-2013 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2004-2013 ^c AAPC (%)			SEER 9 Areas ^b Trend 2004-2013 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	21.8	28.5	16.9	1.0*	1.2*	0.6	1.4*	1.6*	1.0*
White	25.9	33.5	20.4	1.1*	1.2*	0.7	1.4*	1.6*	1.0*
White Hispanic ^e	4.6	4.9	4.5	0.9*	1.5*	0.4	-	-	-
White Non-Hispanic ^e	30.7	38.9	24.6	1.4*	1.6*	1.2*	-	-	-
Black	1.1	1.1	1.0	0.9	-2.9*	0.1	-0.1	-0.5	0.0
Asian/Pacific Islander	1.3	1.6	1.1	0.4	1.1	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	4.4	4.2	4.6	2.1*	1.6	2.2	-	-	-
Hispanic ^e	4.5	4.8	4.4	0.7*	1.3*	0.3	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2009-2013 Rate per 100,000 persons			Trend 2004-2013 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	2.7	4.1	1.7	0.0	0.3*	-0.5*			
White	3.1	4.6	2.0	0.2*	0.4*	-0.3*			
White Hispanic ^e	0.8	1.1	0.6	-0.2	-0.1	-0.4			
White Non-Hispanic ^e	3.4	5.0	2.1	0.4*	0.6*	-0.1			
Black	0.4	0.5	0.4	-1.1*	-0.1	-1.8*			
Asian/Pacific Islander	0.3	0.4	0.3	-1.1	-1.5	-0.8			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.0	0.5	0.6	1.5	-0.2			
CHSDA Counties	1.0	1.5	0.6	1.1	2.6	-			
Non-CHSDA Counties	0.5	-	-	1.2	-	-			
Hispanic ^e	0.8	1.0	0.6	-0.3	-0.2	-0.4			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

^d The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2004-2013 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

* The APC is significantly different from zero (p<.05).