

Table 16.3 (a)
 Melanoma of the Skin (Invasive)
 Trends in U.S. Mortality^c Using the Joinpoint Regression Program,
 1975-2017 With up to Five Joinpoints
 Female by Race/Ethnicity

Race/ Ethnicity	Model	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC		Comparability Ratio Estimate
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2008- 17	2013-17	
All Races	Jump	1975-88	0.8*	1988- 13	-0.5*	2013- 17	-6.1*							-3.0*	-6.1*	0.9851
All Races	Comparability Ratio [^]	1975-86	1.0*	1986- 13	-0.3*	2013- 17	-6.4*							-3.1*	-6.4*	0.9677 ^g
All Races	Standard Joinpoint	1975-88	0.8*	1988- 13	-0.5*	2013- 17	-6.0*							-3.0*	-6.0*	
White	Jump	1975-86	1.1*	1986- 13	-0.2*	2013- 17	-5.9*							-2.8*	-5.9*	0.9860
White	Comparability Ratio [^]	1975-86	1.1*	1986- 13	-0.1	2013- 17	-6.1*							-2.8*	-6.1*	0.9677 ^g
White	Standard Joinpoint	1975-86	1.1*	1986- 13	-0.3*	2013- 17	-5.8*							-2.8*	-5.8*	
Black	Jump [^]	1975-17	-0.5*											-0.5*	-0.5*	0.8465
Black	Comparability Ratio	1975-17	-1.0*											-1.0*	-1.0*	0.9677 ^g
Black	Standard Joinpoint	1975-17	-1.1*											-1.1*	-1.1*	

[^]Indicates the final selected model.

Joinpoint Regression Program Version 4.8, April 2020, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f 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 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^g Data for American Indian/Alaska Native are based on the PRCDA (Purchased/Referred Care Delivery Areas) counties.

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

- Joinpoint regression line analysis could not be performed on data series.

^g Significant at level 0.05 for test of Comparability Ratio = 1.