

Table 18.2  
MyelomaTrends in SEER Incidence<sup>ab</sup> and U.S. Mortality<sup>c</sup> Using the Joinpoint Regression Program,  
1975-2009 With up to Five Joinpoints, 1992-2009 With up to Three Joinpoints,  
Males by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC <sup>d</sup>	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2000-09	2005-09
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2009</u>														
All Races	1975-09	0.8*											0.8*	0.8*
White	1975-09	0.8*											0.8*	0.8*
Black	1975-09	0.7*											0.7*	0.7*
<u>SEER 13 Delay-Adjusted Incidence<sup>b</sup>, 1992-2009</u>														
All Races	1992-09	0.5*											0.5*	0.5*
White	1992-09	0.5*											0.5*	0.5*
Black	1992-09	0.9*											0.9*	0.9*
<u>SEER 9 Observed Incidence<sup>a</sup>, 1975-2009</u>														
All Races	1975-09	0.6*											0.6*	0.6*
White	1975-09	0.7*											0.7*	0.7*
Black	1975-09	0.5*											0.5*	0.5*
<u>SEER 13 Observed Incidence<sup>b</sup>, 1992-2009</u>														
All Races	1992-09	0.2											0.2	0.2
White	1992-09	0.2											0.2	0.2
White NH <sup>ef</sup>	1992-09	0.3											0.3	0.3
Black	1992-09	0.5											0.5	0.5
Black NH <sup>ef</sup>	1992-09	0.5											0.5	0.5
API <sup>e</sup>	1992-09	-0.3											-0.3	-0.3
AI/AN <sup>eg</sup>	1992-09	-0.9											-0.9	-0.9
Hispanic <sup>f</sup>	1992-09	-0.4											-0.4	-0.4
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2009</u>														
All Races	1975-94	1.5*	1994-09	-1.1*									-1.1*	-1.1*
White	1975-94	1.5*	1994-09	-0.9*									-0.9*	-0.9*
Black	1975-82	3.7*	1982-94	1.2*	1994-09	-1.4*							-1.4*	-1.4*
<u>U.S. Cancer Mortality<sup>c</sup>, 1992-2009</u>														
All Races	1992-94	3.2	1994-09	-1.1*									-1.1*	-1.1*
White	1992-94	3.6	1994-09	-1.0*									-1.0*	-1.0*
White NH <sup>ef</sup>	1992-94	4.3	1994-09	-0.9*									-0.9*	-0.9*
Black	1992-09	-1.3*											-1.3*	-1.3*
Black NH <sup>ef</sup>	1992-09	-1.1*											-1.1*	-1.1*
API <sup>e</sup>	1992-09	-0.6											-0.6	-0.6
AI/AN <sup>eg</sup>	1992-09	-0.9											-0.9	-0.9
Hispanic <sup>f</sup>	1992-09	-1.2*											-1.2*	-1.2*

Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute. (<http://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).

<sup>a</sup> Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).<sup>b</sup> Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).<sup>c</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.<sup>d</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.<sup>e</sup> API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic<sup>f</sup> 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 CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.

<sup>g</sup> Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

\* The APC/AAPC is significantly different from zero (p&lt;.05).

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