

Table 18.1
MyelomaTrends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2009 With up to Five Joinpoints, 1992-2009 With up to Three Joinpoints,
Both Sexes by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2000-09	2005-09
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2009</u>														
All Races	1975-09	0.7*											0.7*	0.7*
White	1975-09	0.7*											0.7*	0.7*
Black	1975-96	1.3*	1996-02	-2.1	2002-09	3.5*							2.2*	3.5*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2009</u>														
All Races	1992-09	0.5*											0.5*	0.5*
White	1992-09	0.4*											0.4*	0.4*
Black	1992-09	0.6*											0.6*	0.6*
<u>SEER 9 Observed Incidence^a, 1975-2009</u>														
All Races	1975-91	1.2*	1991-09	0.2									0.2	0.2
White	1975-97	1.0*	1997-09	-0.2									-0.2	-0.2
Black	1975-09	0.6*											0.6*	0.6*
<u>SEER 13 Observed Incidence^b, 1992-2009</u>														
All Races	1992-09	0.1											0.1	0.1
White	1992-09	0.1											0.1	0.1
White NH ^{ef}	1992-09	0.1											0.1	0.1
Black	1992-09	0.2											0.2	0.2
Black NH ^{ef}	1992-09	0.2											0.2	0.2
API ^e	1992-09	0.0											0.0	0.0
AI/AN ^{eg}	1992-09	0.5											0.5	0.5
Hispanic ^f	1992-09	-0.3											-0.3	-0.3
<u>U.S. Cancer Mortality^c, 1975-2009</u>														
All Races	1975-94	1.4*	1994-02	-0.7*	2002-09	-1.9*							-1.7*	-1.9*
White	1975-94	1.4*	1994-02	-0.6*	2002-09	-1.9*							-1.6*	-1.9*
Black	1975-82	3.4*	1982-96	1.2*	1996-09	-1.8*							-1.8*	-1.8*
<u>U.S. Cancer Mortality^c, 1992-2009</u>														
All Races	1992-94	2.0	1994-02	-0.7*	2002-09	-2.0*							-1.7*	-2.0*
White	1992-94	2.0	1994-02	-0.6*	2002-09	-1.9*							-1.6*	-1.9*
White NH ^{ef}	1992-02	-0.2	2002-09	-2.0*									-1.6*	-2.0*
Black	1992-98	0.1	1998-09	-2.0*									-2.0*	-2.0*
Black NH ^{ef}	1992-95	2.7	1995-09	-1.7*									-1.7*	-1.7*
API ^e	1992-09	-0.9											-0.9	-0.9
AI/AN ^{eg}	1992-09	-1.6											-1.6	-1.6
Hispanic ^f	1992-01	1.3	2001-09	-3.2*									-2.7*	-3.2*

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).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).^b Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).^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 CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.

^g 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<.05).

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