Table 18.1 Myeloma

Trends 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		$AAPC^d$	
All Races 1975-09 0.7*		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2000-09	2005-09
All Races 1975-09 0.7* 1975-09 0.7* 1975-09 0.7* 1975-09 0.7* 1975-09 0.7* 0	SEER 9 Delay-Adjusted Incidence ^a , 1975-2009														
Black 1975-96 1.3* 1996-02 -2.1 2002-09 3.5* 2.2* 3.5*														0.7*	0.7*
SEER 13 Delay-Adjusted Incidence*, 1992-09	White	1975-09	0.7*											0.7*	0.7*
All Races	Black	1975-96	1.3*	1996-02	-2.1	2002-09	3.5*							2.2*	3.5*
White 1992-09 0.4* 1992-09 0.6* 1992-09 0.6* 1992-09 0.6* 1975-2015 1.2* 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.3	SEER 13 Delay-Adju	992-2009													
Black 1992-09 0.6* 1975-2009 1975-2010 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.1 1991-09 0.1 1991-09 0.1 1991-09 0.1 1991-09 0.1 1991-09 0.1 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.2 1991-09 0.3 1991-09 0.3 1991-09 0.5 1991-09 0	All Races	1992-09	0.5*											0.5*	0.5*
SEER 9 Observed Incidence*, 1975-91 1.2* 1991-09 0.2	White	1992-09	0.4*												
Rall Races 1975-91 1.2* 1991-09 0.2	Black	1992-09	0.6*											0.6*	0.6*
White 1975-97 1.0* 1997-09 -0.2 -0.2 -0.2 -0.2 -0.2 Black 0.6* 0.1															
Black 1975-09 0.6*															
All Races 1992-09 0.1				1997-09	-0.2										
All Races 1992-09 0.1 White 1992-09 0.1 White NHef 1992-09 0.1 Black 1992-09 0.2 Black NHef 1992-09 0.2 Black NHef 1992-09 0.2 API 1992-09 0.0 AI/AN 1992-09 0.5 Hispanic 1992-09 0.5 White 1992-09 0.5 U.S. Cancer Mortality 1975-2009 All Races 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* White 1975-92 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality 1992-09 Black 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality 1992-09 Black 1975-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*	Black	1975-09	0.6*											0.6*	0.6*
White 1992-09 0.1 White NHef 1992-09 0.1 Black 1992-09 0.2 Black NHef 1992-09 0.2 API 1992-09 0.0 AI/AN 1992-09 0.5 Hispanic 1992-09 0.5 U.S. Cancer Mortality 1975-2009 All Races 1975-94 1.4* 1994-02 -0.7* 2002-09 -1.9* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.8* U.S. Cancer Mortality 1975-2009 All Races 1992-00 All Races 1992-2009 -1.9* White 1992-2009 All Races 1992-2009 -1.9*)9											
White NH ^{ef} 1992-09 0.1 Black 1992-09 0.2 Black NH ^{ef} 1992-09 0.2 API ^e 1992-09 0.0 AI/AN ^{eg} 1992-09 0.5 Hispanic ^f 1992-09 0.5 U.S. Cancer Mortality ^c , 1975-2009 All Races 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1995-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1995-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1995-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
Black 1992-09 0.2 0.2 Black NHef 1992-09 0.2 0.2 APTe 1992-09 0.0 0.0 AI/ANeg 1992-09 0.5 0.5 Hispanicf 1992-09 0.5 0.5 Hispanicf 1992-09 -0.3 0.5 U.S. Cancer Mortalityc, 1975-2009 All Races 1975-94 1.4* 1994-02 -0.7* 2002-09 -1.9* Black 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.8* U.S. Cancer Mortalityc, 1975-2009 All Races 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.8* U.S. Cancer Mortalityc, 1992-2009 All Races 1992-94 2.0 1994-02 -0.6* 2002-09 -1.8* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
Black NH ^{ef} 1992-09 0.2 0.2 API ^e 1992-09 0.0 0.0 0.0 AI/AN ^{eg} 1992-09 0.5 0.5 Hispanic ^f 1992-09 -0.3 0.5 W.S. Cancer Mortality ^c , 1975-2009 All Races 1975-94 1.4* 1994-02 -0.7* 2002-09 -1.9* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1992-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
API ^e 1992-09 0.0 AI/AN ^{eg} 1992-09 0.5 Hispanic ^f 1992-09 -0.3 U.S. Cancer Mortality ^c , 1975-2009 All Races 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* White 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1992-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* All Races 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* All Races 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
AI/AN ^{eg} 1992-09 0.5 Hispanic ^f 1992-09 -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* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -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* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
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* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -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* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
U.S. Cancer Mortality ^c , 1975-2009 All Races 1975-94 1.4* 1994-02 -0.7* 2002-09 -1.9* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1992-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*	•														
All Races 1975-94 1.4* 1994-02 -0.7* 2002-09 -1.9* White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -1.8* U.S. Cancer Mortality ^c , 1992-2009 All Races 1992-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*	Hispanic ^r	1992-09	-0.3											-0.3	-0.3
White 1975-94 1.4* 1994-02 -0.6* 2002-09 -1.9* Black 1975-82 3.4* 1982-96 1.2* 1996-09 -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* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
Black 1975-82 3.4* 1982-96 1.2* 1996-09 -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* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
<u>U.S. Cancer Mortality</u> , 1992-2009 All Races 1992-94 2.0 1994-02 -0.7* 2002-09 -2.0* White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9*															
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*	Black	1975-82	3.4*	1982-96	1.2*	1996-09	-1.8*							-1.8*	-1.8*
White 1992-94 2.0 1994-02 -0.6* 2002-09 -1.9* -1.6* -1.9*															
White NH $^{\rm et}$ 1992-02 -0.2 2002-09 -2.0* -1.6* -2.0*						2002-09	-1.9*								
Black 1992-98 0.1 1998-09 -2.0* -2.0*					-2.0*									-2.0*	
Black NH $^{ m ef}$ 1992-95 2.7 1995-09 -1.7* -1.7*				1995-09	-1.7*										
API^{e} 1992-09 -0.9 -0.9		1992-09												-0.9	
AI/AN^{eg} 1992-09 -1.6 -1.6		1992-09													
Hispanic ^f 1992-01 1.3 2001-09 -3.2* $-2.7*$ -3.2*	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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

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.

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

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.

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.