

Table 18.1
MyelomaTrends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-06	0.8*	2006-16	2.0*									2.0*	2.0*
White	1975-07	0.8*	2007-16	2.0*									2.0*	2.0*
Black	1975-96	1.3*	1996-00	-2.4	2000-16	1.9*							1.9*	1.9*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-07	0.6*	2007-10	4.1*	2010-16	1.0*							2.0*	1.0*
White	2000-07	0.4	2007-10	3.9	2010-16	1.1*							2.0*	1.1*
White NH ^{ef}	2000-07	0.5	2007-10	4.0	2010-16	1.1*							2.0*	1.1*
Black	2000-16	2.0*											2.0*	2.0*
Black NH ^{ef}	2000-16	2.0*											2.0*	2.0*
API ^e	2000-16	1.4*											1.4*	1.4*
AI/AN ^{eg}	2000-16	0.9											0.9	0.9
Hispanic ^f	2000-16	1.0*											1.0*	1.0*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-94	1.4*	1994-02	-0.7*	2002-09	-1.9*	2009-12	1.0	2012-16	-1.2*			-0.6	-1.2*
White	1975-94	1.4*	1994-02	-0.5*	2002-09	-1.9*	2009-12	1.0	2012-16	-1.2*			-0.6	-1.2*
Black	1975-82	3.5*	1982-96	1.2*	1996-09	-1.8*	2009-16	-0.2					-0.6	-0.2
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-09	-1.8*	2009-12	0.8	2012-16	-1.2							-0.6	-1.2
White	2000-02	0.0	2002-09	-2.0*	2009-12	1.1	2012-16	-1.2					-0.6	-1.2
White NH ^{ef}	2000-02	0.0	2002-09	-2.0*	2009-12	1.1	2012-16	-1.2					-0.6	-1.2
Black	2000-09	-1.9*	2009-16	-0.1									-0.5	-0.1
Black NH ^{ef}	2000-09	-1.8*	2009-16	-0.1									-0.5	-0.1
API ^e	2000-16	-0.5											-0.5	-0.5
AI/AN ^{eg}	2000-16	-1.8											-1.8	-1.8
Hispanic ^f	2000-16	-1.0*											-1.0*	-1.0*

Joinpoint Regression Program Version 4.7, February 2019, 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).

^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 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).^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.^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

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