Table 18.3

Myeloma

Trends in SEER Incidence[a][b] and U.S. Mortality[c] Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Females 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
SEER 9 Delay-Adjusted Incidence[a], 1975-2016														
All Races	1975-07	0.6*	2007-16	2.0*									2.0*	2.0*
White	1975-16	0.7*											0.7*	0.7*
Black	1975-16	1.1*											1.1*	1.1*
SEER 21 Delay-Adjusted Incidence[b], 2000-2016														
All Races	2000-07	0.2	2007-10	4.0	2010-16	1.1*							2.0*	1.1*
White	2000-16	1.4*											1.4*	1.4*
White NH[e][f]	2000-03	-1.6	2003-16	1.7*									1.7*	1.7*
Black	2000-16	1.9*											1.9*	1.9*
Black NH[e][f]	2000-16	1.9*											1.9*	1.9*
API[e]	2000-16	0.4											0.4	0.4
AI/AN[e][g]	2000-16	-0.4											-0.4	-0.4
Hispanic[f]	2000-16	0.9*											0.9*	0.9*
U.S. Cancer Mortality[c], 1975-2016														
All Races	1975-93	1.5*	1993-02	-0.5	2002-09	-2.7*	2009-12	1.8	2012-16	-1.7*			-0.8	-1.7*
White	1975-93	1.4*	1993-02	-0.5	2002-08	-2.6*	2008-16	-0.4					-0.7*	-0.4
Black	1975-93	2.1*	1993-00	-0.1	2000-09	-2.8*	2009-13	2.7	2013-16	-3.7			-0.7	-2.2
U.S. Cancer Mortality[c], 2000-2016														
All Races	2000-09	-2.4*	2009-12	1.5	2012-16	-1.7*							-0.8	-1.7*
White	2000-08	-2.4*	2008-16	-0.5									-0.7*	-0.5
White NH[e][f]	2000-08	-2.4*	2008-16	-0.4									-0.7*	-0.4
Black	2000-09	-2.8*	2009-13	2.7	2013-16	-3.7							-0.7	-2.2
Black NH[e][f]	2000-09	-2.7*	2009-13	2.8	2013-16	-3.7							-0.7	-2.2
API[e]	2000-16	-1.4											-1.4	-1.4
AI/AN[e][g]	2000-16	-1.6											-1.6	-1.6
Hispanic[f]	2000-16	-1.4*											-1.4*	-1.4*

Joinpoint Regression Program Version 4.7, February 2019, National Cancer Institute. (https://surveillance.cancer.gov/joinpoint/).

[a] 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).
[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.