

Table 18.15
Myeloma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2005-2009			Trend 2000-2009 ^c			Trend 2000-2009 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	5.8	7.4	4.7	0.1	0.2	-0.1	0.2	0.6*	0.0
White	5.3	6.9	4.1	0.1	0.2	-0.3	-0.2	0.7*	0.3*
White Hispanic ^e	5.4	6.3	4.7	-0.5	-0.8	-0.5	-	-	-
White Non-Hispanic ^e	5.3	7.0	4.0	0.1	0.3	-0.3	-	-	-
Black	11.7	14.3	10.1	0.2	0.5	0.0	0.6*	0.5*	0.7*
Asian/Pacific Islander	3.5	4.2	2.9	0.0	-0.3	0.5	-	-	-
Amer Ind/Alaska Nat ^f	4.5	4.9	4.2	-	-	-	-	-	-
Hispanic ^e	5.4	6.3	4.7	-0.3	-0.4	-0.3	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2005-2009			Trend 2000-2009 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.4	4.4	2.7	-1.7*	-1.1*	-2.4*			
White	3.2	4.1	2.5	-1.6*	-1.0*	-2.3*			
White Hispanic ^e	2.8	3.4	2.4	-2.7*	-1.2*	-2.5*			
White Non-Hispanic ^e	3.2	4.2	2.5	-1.6*	-0.9*	-2.3*			
Black	6.4	8.0	5.4	-2.0*	-1.3*	-2.9*			
Asian/Pacific Islander	1.7	2.1	1.4	-0.9	-0.6	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	2.4	3.1	1.9	-1.6	-	-			
CHSDA Counties	3.0	3.8	2.5	-1.6	-	-			
Non-CHSDA Counties	1.8	2.4	1.3	-	-	-			
Hispanic ^e	2.7	3.3	2.3	-2.7*	-1.2*	-2.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2009.

d The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2009.

e 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 2005-2009 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2000-2009 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2000-2009 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2009.

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