

Table 18.8
Myeloma

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year and Age

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1960-1963 ^a	-	-	-	12	13	10	-	-	-
1970-1973 ^a	-	-	-	19	20	17	-	-	-
1975-1977 ^b	25.1	24.5	25.8	24.5	24.0	25.1	30.3	31.0	29.6
1978-1980 ^b	26.0	24.6	27.4	25.0	24.5	25.6	31.9	27.4	36.2
1981-1983 ^b	27.8	25.9	29.7	27.5	25.7	29.3	28.9	29.8	27.9
1984-1986 ^b	27.4	27.9	27.0	26.2	26.1	26.3	32.1	33.3	30.9
1987-1989 ^b	27.5	29.1	25.9	27.2	29.3	25.0	30.2	30.3	30.2
1990-1992 ^b	29.5	30.7	28.0	28.6	29.7	27.2	34.5	38.6	30.5
1993-1995 ^b	31.9	32.4	31.4	30.9	31.6	30.1	35.3	34.5	35.8
1996-2000 ^b	32.4	34.9	29.7	32.3	34.8	29.3	31.6	33.5	30.2
2001-2007 ^b	41.1 ^e	42.4 ^e	39.6 ^e	41.5 ^e	43.0 ^e	39.4 ^e	40.6 ^e	41.1 ^e	40.0 ^e
5-Year Period Survival (Percent) ^{cd}									
2007	40.7	41.9	39.3	40.5	42.0	38.6	41.0	41.1	40.8
Stage Distribution (%) 2001-2007 ^c									
All Stages									
Number of cases	23,992	12,979	11,013	18,176	10,076	8,100	4,183	2,061	2,122
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	5	6	4	5	6	4	4	4	3
Regional	0	0	0	0	0	0	0	0	0
Distant	95	94	96	95	94	96	96	96	97
Unstaged	0	0	0	0	0	0	0	0	0
5-Year Relative Survival (Percent), 2001-2007 ^c									
Age at Diagnosis:									
Ages <45	63.3	64.8	61.1	63.4	66.1	58.8	61.2	59.4 ^f	63.5
Ages 45-54	56.8	56.7	57.1	60.4	59.9	61.0	46.4	43.7	49.5
Ages 55-64	49.1	48.6	49.9	49.6	48.6	51.1	45.3	45.2	45.5
Ages 65-74	36.7	35.3	38.5	36.6	35.8	37.8	35.3	33.0	37.7
Ages 75+	23.7	24.4	23.1	23.4	24.5	22.3	24.1	22.0	25.5
Ages <65	53.3	53.1	53.6	54.6	54.2	55.2	48.0	46.6	49.5
Ages 65+	29.8	30.0	29.4	29.3	30.2	28.4	30.1	28.5	31.5
Stage:									
All Stages	39.7	40.6	38.6	39.5	40.8	37.9	39.1	38.3	39.9
Localized	68.4	72.7	61.0	67.8	72.0	60.2	62.4 ^f	71.3 ^f	52.5 ^f
Regional	-	-	-	-	-	-	-	-	-
Distant	38.2	38.6	37.7	37.9	38.6	36.9	38.3	37.0	39.4
Unstaged	-	-	-	-	-	-	-	-	-

^a Based on End Results data from a series of hospital registries and one population-based registry.^b SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
Based on follow-up of patients into 2008.^c SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
Based on follow-up of patients into 2008.^d Period survival provides a 2007 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2005-2007: 0-1 year survival), (2004-2006: 1-2 year survival), (2003-2005: 2-3 year survival), (2002-2004: 3-4 year survival), (2001-2003: 4-5 years survival).^e The difference between 1975-1977 and 2001-2007 is statistically significant (p<.05).^f The standard error is between 5 and 10 percentage points.^g The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.