

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	24.6	24.0	25.3	24.1	23.6	24.7	29.5	29.3	29.5
1978-1980 ^b	25.9	24.4	27.5	24.8	24.2	25.5	32.5	27.4	37.5
1981-1983 ^b	27.6	25.7	29.4	27.2	25.4	29.0	28.9	29.6	27.9
1984-1986 ^b	27.2	27.6	26.8	25.9	25.7	26.2	31.8	33.3	30.3
1987-1989 ^b	27.2	28.9	25.5	26.9	29.1	24.5	30.0	29.7	30.3
1990-1992 ^b	29.2	30.4	27.9	28.3	29.5	26.9	34.3	38.1	30.7
1993-1995 ^b	31.6	32.1	31.2	30.5	31.2	29.7	35.1	34.7	35.5
1996-1998 ^b	32.3	34.4	30.2	32.2	34.2	29.9	30.9	32.4	29.8
1999-2003 ^b	36.9	38.7	34.7	37.0	39.0	34.6	36.5	38.7	34.5
2004-2010 ^b	46.7 ^f	47.5 ^f	45.8 ^f	46.8 ^f	48.6 ^f	44.6 ^f	46.5 ^f	43.5 ^f	49.2 ^f
5-Year Period Survival (Percent) ^{cd}									
2010	46.3	47.4	45.1	46.3	48.2	43.9	45.8	44.2	47.4
Stage Distribution (%) 2004-2010 ^{ce}									
All Stages									
Number of cases	28,326	15,384	12,942	20,855	11,675	9,180	5,487	2,664	2,823
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	5	6	4	5	6	4	4	5	4
Regional	0	0	0	0	0	0	0	0	0
Distant	95	94	96	95	94	96	96	95	96
Unstaged	0	0	0	0	0	0	0	0	0
5-Year Relative Survival (Percent), 2004-2010 ^c									
Age at Diagnosis:									
Ages <45	68.3	69.0	67.4	67.9	69.1	65.6	67.1	66.3	67.5
Ages 45-54	61.1	60.5	62.0	63.2	63.6	62.7	54.2	49.6	59.4
Ages 55-64	54.0	53.7	54.4	54.0	54.4	53.5	52.9	51.2	54.9
Ages 65-74	43.6	43.1	44.2	44.4	44.0	45.1	41.2	39.7	42.6
Ages 75+	26.9	28.1	25.7	27.5	29.8	25.4	24.4	22.8	25.5
Ages <65	57.8	57.5	58.3	58.3	58.8	57.5	55.2	52.3	58.5
Ages 65+	34.9	36.0	33.8	35.3	37.0	33.5	33.8	33.5	34.1
Stage ^e :									
All Stages	44.9	46.0	43.5	44.8	46.7	42.4	44.9	44.1	45.8
Localized	66.9	70.8	60.2	68.2	73.1	58.7	55.8	54.5 ^g	57.1 ^g
Regional	-	-	-	-	-	-	-	-	-
Distant	43.7	44.5	42.8	43.5	45.0	41.7	44.4	43.6	45.3
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 2011.

^c SEER 18 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, New Jersey and Georgia excluding ATL/RG).

Based on follow-up of patients into 2011.

^d Period survival provides a 2010 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2007-2009: 0-1 year survival), (2006-2008: 1-2 year survival), (2005-2007: 2-3 year survival), (2004-2006: 3-4 year survival), (2003-2005: 4-5 years survival).^e Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.^f The difference between 1975-1977 and 2004-2010 is statistically significant (p<.05).^g The standard error is between 5 and 10 percentage points.^h The standard error is greater than 10 percentage points.

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