

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 <sup>a</sup>	-	-	-	12	13	10	-	-	-
1970-1973 <sup>a</sup>	-	-	-	19	20	17	-	-	-
1975-1977 <sup>b</sup>	24.6	23.9	25.3	24.1	23.6	24.7	29.3	28.9	29.5
1978-1980 <sup>b</sup>	25.9	24.4	27.5	24.8	24.1	25.5	32.5	27.4	37.5
1981-1983 <sup>b</sup>	27.5	25.7	29.4	27.2	25.4	28.9	28.9	29.6	27.9
1984-1986 <sup>b</sup>	27.3	27.7	26.9	26.0	25.8	26.2	31.8	33.3	30.3
1987-1989 <sup>b</sup>	27.2	28.9	25.5	26.9	29.1	24.5	30.0	29.7	30.3
1990-1992 <sup>b</sup>	29.3	30.5	27.9	28.4	29.6	26.9	34.2	38.0	30.6
1993-1995 <sup>b</sup>	31.6	32.2	31.0	30.5	31.3	29.5	35.4	34.9	35.7
1996-1998 <sup>b</sup>	32.5	34.5	30.3	32.2	34.3	29.9	31.4	32.8	30.4
1999-2001 <sup>b</sup>	34.5	36.8	31.9	34.5	36.8	31.5	34.1	36.7	32.0
2002-2006 <sup>b</sup>	44.0	44.9	42.9	44.3	46.2	42.0	44.4	42.2	46.3
2007-2013 <sup>b</sup>	51.0 <sup>f</sup>	50.4 <sup>f</sup>	51.8 <sup>f</sup>	50.6 <sup>f</sup>	50.1 <sup>f</sup>	51.1 <sup>f</sup>	52.3 <sup>f</sup>	50.5 <sup>f</sup>	54.0 <sup>f</sup>
5-Year Period Survival (Percent) <sup>cd</sup>									
2013	50.8	50.6	51.0	50.2	50.2	50.2	52.3	52.7	52.0
Stage Distribution (%) 2007-2013 <sup>ce</sup>									
All Stages									
Number of cases	31,693	17,422	14,271	22,950	13,078	9,872	6,423	3,104	3,319
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	5	6	4	5	6	5	4	4	3
Regional	0	0	0	0	0	0	0	0	0
Distant	95	94	96	95	94	95	96	96	97
Unstaged	0	0	0	0	0	0	0	0	0
5-Year Relative Survival (Percent), 2007-2013 <sup>c</sup>									
Age at Diagnosis:									
Ages <45	74.5	71.3	79.4	74.6	71.5	79.8	72.3	69.0	76.0
Ages 45-54	65.1	64.0	66.5	66.6	65.3	68.4	60.2	57.4	63.0
Ages 55-64	58.9	58.3	59.6	59.7	60.0	59.2	56.8	53.9	60.0
Ages 65-74	48.7	48.1	49.5	49.0	48.3	49.9	47.0	46.2	47.7
Ages 75+	30.3	29.7	30.9	30.2	29.5	30.9	29.3	30.8	28.4
Ages <65	62.4	61.4	63.7	63.2	62.7	64.0	59.7	56.8	62.7
Ages 65+	39.5	39.5	39.6	39.3	39.2	39.5	39.5	40.6	38.6
Stage <sup>e</sup> :									
All Stages	49.6	49.6	49.5	49.2	49.6	48.7	50.2	49.7	50.7
Localized	71.0	71.9	69.3	71.6	72.8	69.4	64.1	65.2 <sup>g</sup>	62.4 <sup>g</sup>
Regional	-	-	-	-	-	-	-	-	-
Distant	48.4	48.3	48.6	47.9	48.1	47.8	49.7	48.9	50.3
Unstaged	-	-	-	-	-	-	-	-	-

<sup>a</sup> Based on End Results data from a series of hospital registries and one population-based registry.<sup>b</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2014.

<sup>c</sup> 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 2014.

<sup>d</sup> Period survival provides a 2013 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2010-2012: 0-1 year survival), (2009-2011: 1-2 year survival), (2008-2010: 2-3 year survival), (2007-2009: 3-4 year survival), (2006-2008: 4-5 years survival).<sup>e</sup> Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.<sup>f</sup> The difference between 1975-1977 and 2007-2013 is statistically significant (p<.05).<sup>g</sup> The standard error is between 5 and 10 percentage points.<sup>h</sup> The standard error is greater than 10 percentage points.

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