

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	23.9	25.3	24.1	23.6	24.7	29.3	28.9	29.5
1978-1980 ^b	25.9	24.4	27.5	24.8	24.1	25.5	32.5	27.4	37.5
1981-1983 ^b	27.5	25.7	29.4	27.2	25.4	28.9	28.9	29.6	27.9
1984-1986 ^b	27.3	27.7	26.8	26.0	25.8	26.2	31.8	33.3	30.3
1987-1989 ^b	27.2	28.8	25.6	26.8	29.1	24.5	30.0	29.3	30.6
1990-1992 ^b	29.3	30.5	27.9	28.4	29.6	26.9	34.2	38.0	30.6
1993-1995 ^b	31.7	32.3	31.0	30.5	31.4	29.5	35.4	34.9	35.7
1996-1998 ^b	32.5	34.6	30.4	32.3	34.4	29.9	31.6	32.8	30.6
1999-2001 ^b	34.6	36.9	31.9	34.5	36.8	31.6	34.3	37.0	32.0
2002-2004 ^b	42.5	43.5	41.3	43.3	44.7	41.5	40.6	40.5	40.7
2005-2007 ^b	46.4	47.8	44.8	46.0	48.5	42.8	49.6	46.5	52.4
2008-2014 ^b	52.4 ^f	52.2 ^f	52.7 ^f	51.9 ^f	52.0 ^f	51.8 ^f	53.6 ^f	51.8 ^f	55.2 ^f
5-Year Period Survival (Percent) ^{cd}									
2014	51.6	51.2	52.1	50.8	50.6	51.0	52.4	52.0	52.9
Stage Distribution (%) 2008-2014 ^{ce}									
All Stages									
Number of cases	32,957	18,083	14,874	23,814	13,552	10,262	6,654	3,196	3,458
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/Unknown	0	0	0	0	0	0	0	0	0
5-Year Relative Survival (Percent), 2008-2014 ^c									
Age at Diagnosis:									
Ages <45	75.7	72.5	80.5	76.3	73.4	81.1	72.6	67.7	77.9
Ages 45-54	65.3	63.7	67.3	66.0	64.6	68.1	62.5	59.1	65.5
Ages 55-64	59.1	58.0	60.7	59.5	59.2	60.0	57.8	54.1	61.6
Ages 65-74	51.0	50.6	51.6	51.1	50.1	52.4	50.1	50.8	49.4
Ages 75+	31.4	30.8	31.9	30.8	30.1	31.4	31.5	32.1	31.2
Ages <65	62.7	61.2	64.7	63.1	62.2	64.4	61.0	57.3	64.7
Ages 65+	41.4	41.6	41.2	40.9	40.7	41.0	42.0	44.0	40.6
Stage ^e :									
All Stages	50.7	50.6	50.9	50.0	50.1	49.8	52.1	51.3	52.8
Localized	72.0	73.6	69.6	72.6	73.8	70.6	66.3	70.4 ^g	60.8 ^g
Regional	-	-	-	-	-	-	-	-	-
Distant	49.6	49.2	50.0	48.7	48.6	48.8	51.5	50.4	52.6
Unstaged/Unknown	-	-	-	-	-	-	-	-	-

^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 2015. [Expected survival rates](#) are derived from the U.S. Annual Life Tables.^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). Expected survival rates are derived from life tables by socio-economic status, geography and race developed by the SEER program.^d Based on follow-up of patients into 2015.

Period survival provides a 2014 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).

^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 2008-2014 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.