

Table 13.14  
Leukemia

## 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>	-	-	-	14	-	-	-	-	-
1970-1973 <sup>a</sup>	-	-	-	22	-	-	-	-	-
1975-1977 <sup>b</sup>	34.2	33.0	35.6	34.6	33.6	35.8	33.2	30.0	36.7
1978-1980 <sup>b</sup>	36.0	35.0	37.4	36.7	35.8	38.0	28.2	27.3	29.3
1981-1983 <sup>b</sup>	37.3	37.0	37.8	38.1	37.8	38.4	33.9	33.4	34.3
1984-1986 <sup>b</sup>	40.5	40.1	41.1	41.6	41.3	42.0	32.7	31.5	34.1
1987-1989 <sup>b</sup>	42.9	44.0	41.3	43.9	45.5	41.8	35.0	32.7	37.8
1990-1992 <sup>b</sup>	45.2	44.6	46.0	46.4	46.2	46.7	35.7	30.5	41.3
1993-1995 <sup>b</sup>	47.3	48.2	46.1	48.3	49.2	47.2	41.0	41.3	40.6
1996-1998 <sup>b</sup>	48.1	48.3	47.7	49.4	49.3	49.5	38.2	38.8	37.3
1999-2003 <sup>b</sup>	53.1	53.6	52.3	54.1	54.6	53.3	45.4	46.3	44.4
2004-2010 <sup>b</sup>	60.3 <sup>e</sup>	61.4 <sup>e</sup>	58.7 <sup>e</sup>	61.0 <sup>e</sup>	61.9 <sup>e</sup>	59.9 <sup>e</sup>	54.0 <sup>e</sup>	58.1 <sup>e</sup>	48.9 <sup>e</sup>
5-Year Period Survival (Percent) <sup>cd</sup>									
2010	57.7	58.5	56.6	57.8	58.4	57.1	51.1	52.0	50.0
5-Year Relative Survival (Percent), 2004-2010 <sup>c</sup>									
Age at Diagnosis:									
Ages <45	72.5	72.1	73.1	73.4	72.9	74.0	63.5	62.5	64.8
Ages 45-54	66.2	67.8	63.7	67.1	68.8	64.4	58.4	58.5	58.0
Ages 55-64	64.5	64.3	64.7	65.0	64.5	65.8	54.2	54.3	53.9
Ages 65-74	54.0	53.7	54.4	55.0	54.2	56.3	41.7	42.9	40.1
Ages 75+	36.8	36.6	37.0	37.4	37.3	37.5	28.0	27.0	28.5
Ages <65	68.5	68.5	68.6	69.2	69.1	69.4	59.8	59.3	60.4
Ages 65+	44.1	44.6	43.5	44.7	45.1	44.3	34.5	35.6	33.3

<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 2011.

<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 2011.

<sup>d</sup> 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).

<sup>e</sup> The difference between 1975-1977 and 2004-2010 is statistically significant ( $p < .05$ ).

<sup>f</sup> The standard error is between 5 and 10 percentage points.

<sup>g</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.