

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	33.4	30.4	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	36.9	37.8	38.0	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	35.9	30.9	41.3
1993-1995 <sup>b</sup>	47.5	48.3	46.3	48.5	49.4	47.4	41.3	41.6	40.9
1996-1998 <sup>b</sup>	48.2	48.4	47.9	49.5	49.4	49.6	38.6	39.0	38.0
1999-2001 <sup>b</sup>	50.7	51.7	49.5	51.8	52.7	50.5	43.2	44.2	42.1
2002-2005 <sup>b</sup>	58.5	59.2	57.7	59.4	60.1	58.5	52.7	54.5	50.6
2006-2012 <sup>b</sup>	62.7 <sup>e</sup>	64.1 <sup>e</sup>	60.8 <sup>e</sup>	63.5 <sup>e</sup>	64.7 <sup>e</sup>	62.0 <sup>e</sup>	57.5 <sup>e</sup>	60.1 <sup>e</sup>	54.0 <sup>e</sup>
5-Year Period Survival (Percent) <sup>cd</sup>									
2012	60.6	61.5	59.4	61.0	61.8	60.0	55.3	56.5	54.1
5-Year Relative Survival (Percent), 2006-2012 <sup>c</sup>									
Age at Diagnosis:									
Ages <45	74.1	73.9	74.4	75.1	74.5	76.0	66.4	67.5	65.1
Ages 45-54	68.7	70.4	66.2	70.1	71.6	68.0	59.4	61.3	56.8
Ages 55-64	67.2	67.8	66.2	67.8	68.2	67.1	57.3	57.5	56.6
Ages 65-74	57.0	57.1	56.7	57.7	57.4	58.0	47.8	48.3	47.2
Ages 75+	39.1	39.3	38.9	40.0	40.0	39.9	28.8	29.7	28.0
Ages <65	70.6	70.9	70.1	71.5	71.5	71.4	62.2	63.1	60.9
Ages 65+	46.8	47.7	45.6	47.5	48.1	46.6	38.4	40.0	36.8

<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 2013.

<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 2013.

<sup>d</sup> Period survival provides a 2012 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> The difference between 1975-1977 and 2006-2012 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.