

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 ^a	-	-	-	14	-	-	-	-	-
1970-1973 ^a	-	-	-	22	-	-	-	-	-
1975-1977 ^b	34.1	33.0	35.6	34.5	33.6	35.8	33.2	30.0	36.7
1978-1980 ^b	36.1	35.0	37.5	36.7	35.8	38.1	28.2	27.3	29.3
1981-1983 ^b	37.3	36.9	37.7	38.0	37.7	38.4	33.9	33.4	34.3
1984-1986 ^b	40.5	40.1	41.1	41.6	41.3	42.0	32.7	31.5	34.1
1987-1989 ^b	42.8	43.9	41.3	43.8	45.4	41.7	35.0	32.7	37.8
1990-1992 ^b	45.1	44.5	46.0	46.4	46.2	46.6	35.7	30.5	41.3
1993-1995 ^b	47.4	48.2	46.2	48.4	49.3	47.2	41.2	41.4	40.9
1996-1998 ^b	48.1	48.3	47.8	49.4	49.3	49.5	38.5	39.0	37.7
1999-2001 ^b	50.6	51.6	49.3	51.6	52.6	50.4	43.2	43.9	42.3
2002-2004 ^b	57.7	57.7	57.6	58.5	58.6	58.3	53.0	53.2	52.6
2005-2011 ^b	61.7 ^e	63.1 ^e	59.7 ^e	62.5 ^e	63.6 ^e	60.9 ^e	55.4 ^e	59.1 ^e	50.5 ^e
5-Year Period Survival (Percent) ^{cd}									
2011	59.4	60.2	58.4	59.7	60.4	58.8	54.4	54.9	53.7
5-Year Relative Survival (Percent), 2005-2011 ^c									
Age at Diagnosis:									
Ages <45	73.5	73.3	73.9	74.6	74.1	75.3	64.8	66.4	62.8
Ages 45-54	67.2	69.2	64.1	68.3	70.1	65.3	59.3	59.8	58.5
Ages 55-64	65.7	65.9	65.4	66.5	66.5	66.4	56.1	55.6	56.5
Ages 65-74	55.5	55.4	55.7	56.5	55.9	57.4	44.8	44.4	44.9
Ages 75+	38.1	38.6	37.6	38.9	39.4	38.4	28.1	27.3	28.6
Ages <65	69.6	69.8	69.2	70.4	70.5	70.4	61.1	61.7	60.3
Ages 65+	45.5	46.5	44.4	46.3	47.0	45.4	36.3	37.0	35.7

^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 2012.

^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 2012.

^d Period survival provides a 2011 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2009-2011: 0-1 year survival), (2008-2010: 1-2 year survival), (2007-2009: 2-3 year survival), (2006-2008: 3-4 year survival), (2005-2007: 4-5 years survival).^e The difference between 1975-1977 and 2005-2011 is statistically significant (p<.05).^f The standard error is between 5 and 10 percentage points.^g The standard error is greater than 10 percentage points.

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