

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	33.4	30.4	36.7
1978-1980 ^b	36.0	35.0	37.3	36.7	35.8	38.0	28.2	27.3	29.3
1981-1983 ^b	37.3	36.9	37.8	38.1	37.8	38.5	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	42.9	44.0	41.3	43.9	45.5	41.8	35.0	32.7	37.8
1990-1992 ^b	45.2	44.6	46.1	46.5	46.2	46.8	35.7	30.5	41.3
1993-1995 ^b	47.6	48.4	46.4	48.7	49.5	47.5	41.3	41.6	40.9
1996-1998 ^b	48.3	48.5	48.1	49.7	49.7	49.8	38.6	39.0	38.0
1999-2001 ^b	50.9	52.0	49.5	52.0	53.0	50.7	43.4	44.7	42.0
2002-2004 ^b	58.2	58.3	58.0	59.0	59.2	58.7	53.7	54.0	53.2
2005-2007 ^b	62.3	63.5	60.7	63.3	64.3	61.9	54.6	57.3	51.2
2008-2014 ^b	64.5 ^e	66.1 ^e	62.4 ^e	65.6 ^e	67.1 ^e	63.6 ^e	58.2 ^e	59.4 ^e	56.7 ^e
5-Year Period Survival (Percent) ^{cd}									
2014	61.9	63.3	60.0	62.2	63.3	60.7	55.4	58.1	52.0
5-Year Relative Survival (Percent), 2008-2014 ^c									
Age at Diagnosis:									
Ages <45	75.4	74.9	76.1	76.5	75.5	77.7	67.5	67.3	67.7
Ages 45-54	70.4	71.8	68.4	71.7	72.8	70.1	60.9	63.5	57.5
Ages 55-64	68.6	69.4	67.4	69.7	70.4	68.5	56.7	56.4	56.9
Ages 65-74	59.1	59.1	59.1	59.7	59.3	60.1	52.2	52.1	52.2
Ages 75+	41.0	41.8	40.2	41.8	42.5	41.1	32.7	34.5	30.7
Ages <65	71.9	72.2	71.6	73.0	73.0	73.0	62.6	62.9	62.1
Ages 65+	49.1	50.3	47.6	49.7	50.6	48.4	42.8	44.7	40.7

^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 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.

Based on follow-up of patients into 2015.

^d 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).

The difference between 1975-1977 and 2008-2014 is statistically significant ($p < .05$).

^e The standard error is between 5 and 10 percentage points.

^f The standard error is greater than 10 percentage points.

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