

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	34.2	33.0	35.6	34.6	33.5	35.8	33.4	30.4	36.7
1978-1980 ^b	36.0	35.0	37.4	36.7	35.7	38.1	28.2	27.3	29.3
1981-1983 ^b	37.3	36.9	37.8	38.1	37.7	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	46.0	46.5	46.3	46.8	35.7	30.5	41.3
1993-1995 ^b	47.6	48.5	46.4	48.7	49.6	47.5	41.3	41.6	40.9
1996-1998 ^b	48.4	48.7	48.1	49.8	49.8	49.9	38.6	39.0	38.0
1999-2001 ^b	51.0	52.0	49.7	52.1	53.1	50.8	43.9	45.1	42.5
2002-2004 ^b	58.3	58.4	58.1	59.1	59.4	58.8	53.9	54.5	53.1
2005-2009 ^b	62.7	64.0	60.9	63.9	64.9	62.4	56.0	59.7	51.2
2010-2016 ^b	66.4 ^e	67.6 ^e	64.8 ^e	67.3 ^e	68.3 ^e	65.9 ^e	62.5 ^e	64.2 ^e	60.7 ^e
5-Year Period Survival (Percent)^{cd}									
2016	64.3	65.2	63.1	64.5	64.8	64.0	60.6	64.1	56.7
5-Year Relative Survival (Percent), 2010-2016^c									
Age at Diagnosis:									
Ages <45	76.8	76.5	77.3	77.8	76.9	78.9	69.4	69.3	69.5
Ages 45-54	73.3	74.9	71.0	74.3	75.6	72.2	66.9	69.6	63.2
Ages 55-64	70.4	71.2	69.2	71.7	71.9	71.4	59.6	64.2	53.1
Ages 65-74	62.1	62.3	61.8	62.5	62.2	63.0	57.1	59.8	53.4
Ages 75+	43.0	42.8	43.1	43.5	42.9	44.3	35.9	40.3	32.5
Ages <65	73.8	74.1	73.3	74.8	74.7	74.9	65.6	67.6	63.1
Ages 65+	51.9	52.8	50.8	52.3	52.7	51.9	47.5	52.4	42.9

^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).^c Based on follow-up of patients into 2017. Expected survival rates are derived from the U.S. Annual Life Tables.^d 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.^e Based on follow-up of patients into 2017.^f Period survival provides a 2016 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).^g The difference between 1975-1977 and 2010-2016 is statistically significant ($p < .05$).^h The standard error is between 5 and 10 percentage points.ⁱ The standard error is greater than 10 percentage points.^j Statistic could not be calculated due to fewer than 25 cases during the time period.