

Table 13.15  
Lymphocytic 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
<u>Acute Lymphocytic Leukemia</u>									
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 <sup>a</sup>	40.6	36.9	45.6	40.8	37.4	45.7	33.5 <sup>e</sup>	-	-
...									
1984-1986 <sup>a</sup>	52.1	49.1	56.1	52.8	49.4	57.8	36.0 <sup>e</sup>	43.5 <sup>e</sup>	27.3 <sup>e</sup>
1987-1989 <sup>a</sup>	54.3	53.7	55.0	54.8	54.7	54.9	44.7 <sup>e</sup>	42.0 <sup>e</sup>	47.1 <sup>e</sup>
1990-1992 <sup>a</sup>	58.0	54.5	63.1	57.7	54.9	62.0	57.1 <sup>e</sup>	50.4 <sup>e</sup>	63.3 <sup>e</sup>
1993-1995 <sup>a</sup>	60.1	57.8	63.4	59.7	57.8	62.5	53.2 <sup>e</sup>	45.9 <sup>e</sup>	63.8 <sup>e</sup>
1996-1998 <sup>a</sup>	65.5	64.3	66.9	66.3	64.2	68.9	55.6 <sup>e</sup>	59.1 <sup>e</sup>	50.2 <sup>e</sup>
1999-2001 <sup>a</sup>	63.5	63.4	63.5	64.8	65.2	64.2	56.0 <sup>e</sup>	48.8 <sup>e</sup>	63.0 <sup>e</sup>
2002-2006 <sup>a</sup>	67.9	66.4	70.0	67.9	66.0	70.5	64.4	65.7 <sup>e</sup>	62.7 <sup>e</sup>
2007-2013 <sup>a</sup>	71.0 <sup>d</sup>	71.3 <sup>d</sup>	70.6 <sup>d</sup>	72.2 <sup>d</sup>	72.6 <sup>d</sup>	71.8 <sup>d</sup>	62.2 <sup>d</sup>	62.6	61.4 <sup>e</sup>
5-Year Period Survival (Percent) <sup>bc</sup>									
2013	68.8	68.8	68.8	69.2	69.0	69.3	61.7	64.1	58.3
5-Year Relative Survival (Percent), 2007-2013 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	79.9	78.9	81.3	80.2	79.0	81.8	76.0	75.9	75.9
Ages 45-54	36.4	37.4	35.2	37.0	38.6	34.8	22.8 <sup>e</sup>	24.6 <sup>e</sup>	-
Ages 55-64	25.8	23.5	28.6	26.8	25.4	28.8	9.1 <sup>e</sup>	16.7 <sup>e</sup>	-
Ages 65-74	22.7	22.1	23.3	21.6	22.0	21.3	-	-	-
Ages 75+	9.2	9.6	8.9	9.1	9.3	8.6	13.3 <sup>e</sup>	-	-
Ages <65	72.9	72.2	73.8	73.2	72.3	74.2	67.9	68.5	66.5
Ages 65+	16.7	16.5	16.8	16.1	16.5	15.6	15.5 <sup>e</sup>	-	19.8 <sup>e</sup>
<u>Chronic Lymphocytic Leukemia</u>									
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 <sup>a</sup>	67.1	64.7	70.3	67.9	65.4	71.1	56.9 <sup>e</sup>	55.1 <sup>e</sup>	59.0 <sup>e</sup>
...									
1984-1986 <sup>a</sup>	72.3	71.1	73.9	72.6	71.4	74.3	67.0 <sup>e</sup>	64.4 <sup>e</sup>	68.4 <sup>e</sup>
1987-1989 <sup>a</sup>	72.7	72.7	72.9	73.8	73.9	73.7	58.1	55.5 <sup>e</sup>	61.5 <sup>e</sup>
1990-1992 <sup>a</sup>	74.1	71.7	77.3	75.3	73.1	78.3	52.2	43.4 <sup>e</sup>	60.9 <sup>e</sup>
1993-1995 <sup>a</sup>	77.1	77.0	77.2	78.2	78.0	78.5	63.3	64.0 <sup>e</sup>	62.1 <sup>e</sup>
1996-1998 <sup>a</sup>	75.4	73.7	77.7	76.5	75.0	78.6	58.1	51.5 <sup>e</sup>	66.0 <sup>e</sup>
1999-2001 <sup>a</sup>	78.4	77.9	79.1	79.2	78.6	80.1	65.7	64.5 <sup>e</sup>	66.1 <sup>e</sup>
2002-2006 <sup>a</sup>	84.3	83.2	85.8	84.7	83.5	86.3	78.7	77.1	80.7
2007-2013 <sup>a</sup>	86.2 <sup>d</sup>	86.9 <sup>d</sup>	85.2 <sup>d</sup>	86.7 <sup>d</sup>	87.3 <sup>d</sup>	85.6 <sup>d</sup>	79.1 <sup>d</sup>	78.8 <sup>d</sup>	78.8
5-Year Period Survival (Percent) <sup>bc</sup>									
2013	83.5	83.5	83.4	83.6	83.6	83.6	72.5	73.0	71.3
5-Year Relative Survival (Percent), 2007-2013 <sup>b</sup>									
Age at Diagnosis:									
Ages <45	92.5	92.0	92.7	92.5	92.1	92.5	84.4 <sup>e</sup>	83.4 <sup>e</sup>	-
Ages 45-54	93.6	92.9	94.8	94.5	93.4	96.4	78.6	81.1	74.8 <sup>e</sup>
Ages 55-64	90.6	90.4	91.1	90.9	90.7	91.3	79.4	76.0	83.7
Ages 65-74	86.2	84.7	88.7	86.6	84.9	89.5	74.9	74.5	74.8
Ages 75+	70.6	70.2	71.0	70.9	70.7	71.1	55.6	53.9 <sup>e</sup>	56.1 <sup>e</sup>
Ages <65	91.6	91.3	92.3	92.0	91.6	92.9	79.6	78.4	80.9
Ages 65+	77.9	77.6	78.1	78.1	77.9	78.3	66.5	66.1	66.4

<sup>a</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2014.

<sup>b</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 2014.

<sup>c</sup> Period survival provides a 2013 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>d</sup> The difference between 1975-1977 and 2007-2013 is statistically significant (p<.05).

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

<sup>f</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.