

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 ^a | 40.6 | 36.9 | 45.6 | 40.8 | 37.4 | 45.7 | 33.5 ^e | - | - |
| 1978-1980 ^a | 48.8 | 45.4 | 53.6 | 49.3 | 45.9 | 54.2 | 31.4 ^e | 30.9 ^e | - |
| 1981-1983 ^a | 50.5 | 47.1 | 54.9 | 51.3 | 48.0 | 55.7 | 42.3 ^e | 36.2 ^e | 48.4 ^e |
| 1984-1986 ^a | 52.0 | 49.1 | 56.1 | 52.8 | 49.3 | 57.9 | 36.0 ^e | 43.5 ^e | 27.3 ^e |
| 1987-1989 ^a | 54.3 | 53.7 | 55.0 | 54.8 | 54.8 | 54.9 | 44.7 ^e | 42.0 ^e | 47.1 ^e |
| 1990-1992 ^a | 57.9 | 54.4 | 63.1 | 57.6 | 54.8 | 62.0 | 57.1 ^e | 50.4 ^e | 63.3 ^e |
| 1993-1995 ^a | 60.0 | 57.8 | 63.2 | 59.6 | 57.9 | 62.1 | 52.6 ^e | 44.6 ^e | 63.8 ^e |
| 1996-1998 ^b | 65.4 | 64.3 | 66.7 | 66.1 | 63.9 | 68.8 | 56.2 ^e | 60.3 ^e | 50.2 ^e |
| 1999-2002 ^a | 64.7 | 63.4 | 66.4 | 65.3 | 64.0 | 67.0 | 56.7 ^e | 52.3 ^e | 61.6 ^e |
| 2003-2009 ^a | 68.8 ^d | 68.5 ^d | 69.3 ^d | 69.7 ^d | 69.3 ^d | 70.1 ^d | 63.9 ^d | 64.2 | 63.5 ^e |
| 5-Year Period Survival (Percent) ^{bc} | | | | | | | | | |
| 2009 | 67.3 | 67.1 | 67.5 | 67.4 | 66.9 | 67.9 | 62.2 | 64.3 | 59.0 |
| 5-Year Relative Survival (Percent), 2003-2009 ^b | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 76.9 | 75.2 | 79.3 | 77.2 | 75.7 | 79.3 | 73.5 | 70.8 | 78.0 |
| Ages 45-54 | 31.8 | 34.5 | 28.0 | 29.7 | 32.0 | 26.6 | 31.2 ^e | - | - |
| Ages 55-64 | 23.4 | 21.7 | 24.9 | 23.7 | 21.7 | 25.3 | 18.1 ^e | - | - |
| Ages 65-74 | 14.4 | 13.3 | 15.0 | 15.2 | 13.2 | 16.0 | 0.0 | - | - |
| Ages 75+ | 8.2 | 11.9 | 5.0 | 7.2 | 9.9 | 5.1 | 0.0 | - | - |
| Ages <65 | 70.6 | 69.6 | 72.1 | 70.6 | 69.7 | 71.9 | 68.2 | 66.4 | 71.1 |
| Ages 65+ | 11.8 | 12.8 | 10.7 | 11.8 | 11.8 | 11.2 | 0.0 | - | 0.0 |
| <u>Chronic Lymphocytic Leukemia</u> | | | | | | | | | |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1975-1977 ^a | 67.1 | 64.8 | 70.2 | 67.9 | 65.5 | 71.1 | 56.4 ^e | 55.1 ^e | 58.1 ^e |
| 1978-1980 ^a | 67.7 | 64.7 | 71.7 | 68.4 | 65.3 | 72.6 | 56.8 ^e | 56.7 ^e | 56.9 ^e |
| 1981-1983 ^a | 65.7 | 65.0 | 66.6 | 66.2 | 65.8 | 66.8 | 57.3 ^e | 55.0 ^e | 60.4 ^e |
| 1984-1986 ^a | 72.3 | 71.0 | 74.0 | 72.6 | 71.3 | 74.3 | 67.0 ^e | 64.4 ^e | 68.4 ^e |
| 1987-1989 ^a | 72.7 | 72.6 | 72.8 | 73.8 | 73.9 | 73.6 | 58.1 | 55.5 ^e | 61.5 ^e |
| 1990-1992 ^a | 73.8 | 71.5 | 76.9 | 75.0 | 72.9 | 77.8 | 52.2 | 43.4 ^e | 60.9 ^e |
| 1993-1995 ^a | 76.8 | 76.7 | 76.9 | 77.9 | 77.7 | 78.1 | 62.6 | 62.9 ^e | 78.1 |
| 1996-1998 ^b | 75.0 | 73.5 | 77.1 | 76.0 | 74.6 | 77.9 | 57.9 ^e | 52.3 ^e | 64.7 ^e |
| 1999-2002 ^b | 78.9 | 78.2 | 79.8 | 79.5 | 78.7 | 80.6 | 66.4 | 64.6 ^e | 68.0 ^e |
| 2003-2009 ^a | 83.1 ^d | 82.4 ^d | 84.0 ^d | 83.2 ^d | 82.4 ^d | 84.2 ^d | 78.0 ^d | 77.6 ^d | 78.2 |
| 5-Year Period Survival (Percent) ^{bc} | | | | | | | | | |
| 2009 | 80.5 | 80.1 | 80.9 | 80.4 | 80.0 | 80.9 | 67.9 | 67.2 | 68.8 |
| 5-Year Relative Survival (Percent), 2003-2009 ^b | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 90.9 | 87.5 | 96.6 | 91.1 | 88.2 | 96.3 | 78.8 ^e | - | - |
| Ages 45-54 | 91.6 | 92.1 | 90.5 | 92.2 | 92.4 | 91.7 | 80.2 | 83.9 | 72.4 ^e |
| Ages 55-64 | 87.7 | 85.7 | 91.6 | 88.4 | 86.5 | 91.9 | 73.4 | 68.9 | 83.1 ^e |
| Ages 65-74 | 82.6 | 80.2 | 86.2 | 83.4 | 80.6 | 87.8 | 66.0 | 65.8 | 66.3 ^e |
| Ages 75+ | 66.0 | 63.9 | 68.2 | 65.8 | 63.9 | 67.7 | 54.8 | 46.2 ^e | 61.8 ^e |
| Ages <65 | 89.1 | 87.8 | 91.7 | 89.7 | 88.4 | 92.2 | 76.1 | 74.0 | 80.3 |
| Ages 65+ | 73.4 | 71.8 | 75.2 | 73.5 | 71.9 | 75.4 | 60.6 | 57.3 | 63.8 |

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2010.

^b 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 2010.

^c Period survival provides a 2009 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2007-2009: 0-1 year survival), (2006-2008: 1-2 year survival), (2005-2007: 2-3 year survival), (2004-2006: 3-4 year survival), (2003-2005: 4-5 years survival). The difference between 1975-1977 and 2003-2009 is statistically significant (p<.05).^d The standard error is between 5 and 10 percentage points.^e The standard error is greater than 10 percentage points.

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