

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 | 50.6 | 47.0 | 55.4 | 51.4 | 47.9 | 56.2 | 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 | 58.0 | 54.5 | 63.1 | 57.7 | 54.9 | 62.0 | 57.1 ^e | 50.4 ^e | 63.3 ^e |
| 1993-1995 ^a | 60.1 | 57.8 | 63.3 | 59.7 | 57.9 | 62.3 | 52.6 ^e | 44.6 ^e | 63.8 ^e |
| 1996-1998 ^b | 65.4 | 64.3 | 66.9 | 66.1 | 63.8 | 68.9 | 56.2 ^e | 60.3 ^e | 50.2 ^e |
| 1999-2003 ^a | 64.8 | 63.2 | 67.0 | 65.6 | 64.2 | 67.3 | 58.0 | 48.6 ^e | 68.8 ^e |
| 2004-2010 ^a | 70.0 ^d | 70.1 ^d | 70.0 ^d | 70.7 ^d | 70.4 ^d | 70.9 ^d | 64.7 ^d | 69.3 | 57.0 ^e |
| 5-Year Period Survival (Percent) ^{bc} | | | | | | | | | |
| 2010 | 67.2 | 67.0 | 67.4 | 67.3 | 66.9 | 67.9 | 63.6 | 64.5 | 62.0 |
| 5-Year Relative Survival (Percent), 2004-2010 ^b | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 77.8 | 76.4 | 79.9 | 78.0 | 76.6 | 79.9 | 74.1 | 73.0 | 75.8 |
| Ages 45-54 | 32.8 | 36.7 | 27.4 | 31.7 | 35.0 | 26.8 | 31.3 ^e | - | - |
| Ages 55-64 | 24.2 | 22.4 | 26.0 | 24.7 | 22.4 | 26.9 | 22.1 ^e | - | - |
| Ages 65-74 | 16.8 | 18.8 | 14.9 | 17.6 | 18.6 | 16.0 | 0.0 | - | - |
| Ages 75+ | 6.3 | 10.6 | 1.8 | 5.7 | 10.5 | 1.7 | 0.0 | - | - |
| Ages <65 | 71.3 | 70.6 | 72.3 | 71.1 | 70.5 | 72.1 | 69.1 | 69.6 | 68.2 |
| Ages 65+ | 12.2 | 15.5 | 9.4 | 12.2 | 15.4 | 9.5 | 0.0 | - | 0.0 |
| <u>Chronic Lymphocytic Leukemia</u> | | | | | | | | | |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1975-1977 ^a | 67.1 | 64.7 | 70.3 | 67.9 | 65.4 | 71.2 | 56.9 ^e | 55.1 ^e | 59.0 ^e |
| 1978-1980 ^a | 67.8 | 64.7 | 71.9 | 68.5 | 65.3 | 72.8 | 56.8 ^e | 56.7 ^e | 56.9 ^e |
| 1981-1983 ^a | 65.7 | 65.0 | 66.8 | 66.2 | 65.7 | 67.0 | 57.3 ^e | 55.0 ^e | 60.4 ^e |
| 1984-1986 ^a | 72.3 | 71.0 | 73.9 | 72.6 | 71.3 | 74.3 | 67.0 ^e | 64.4 ^e | 68.4 ^e |
| 1987-1989 ^a | 72.7 | 72.7 | 72.8 | 73.8 | 73.9 | 73.6 | 58.1 | 55.5 ^e | 61.5 ^e |
| 1990-1992 ^a | 74.0 | 71.7 | 77.2 | 75.2 | 73.0 | 78.2 | 52.2 | 43.4 ^e | 60.9 ^e |
| 1993-1995 ^a | 76.8 | 76.7 | 76.9 | 77.9 | 77.7 | 78.1 | 63.0 | 63.6 ^e | 62.1 ^e |
| 1996-1998 ^b | 75.2 | 73.6 | 77.4 | 76.2 | 74.7 | 78.2 | 58.1 ^e | 52.1 ^e | 65.3 ^e |
| 1999-2003 ^b | 79.9 | 79.4 | 80.7 | 80.7 | 80.0 | 81.6 | 66.3 | 63.5 | 69.1 ^e |
| 2004-2010 ^a | 83.5 ^d | 83.1 ^d | 84.2 ^d | 83.6 ^d | 83.1 ^d | 84.2 ^d | 79.3 ^d | 79.9 ^d | 77.7 |
| 5-Year Period Survival (Percent) ^{bc} | | | | | | | | | |
| 2010 | 80.4 | 80.2 | 80.7 | 80.4 | 80.3 | 80.4 | 67.9 | 65.6 | 70.6 |
| 5-Year Relative Survival (Percent), 2004-2010 ^b | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 91.4 | 88.8 | 95.5 | 91.2 | 88.6 | 95.4 | 84.3 ^e | 83.5 ^f | - |
| Ages 45-54 | 91.8 | 91.9 | 91.3 | 92.5 | 92.6 | 92.2 | 78.0 | 79.7 ^e | 74.6 ^e |
| Ages 55-64 | 88.5 | 86.6 | 92.0 | 88.7 | 86.9 | 92.0 | 76.9 | 71.9 | 86.8 |
| Ages 65-74 | 83.1 | 80.8 | 86.9 | 83.8 | 81.0 | 88.2 | 66.1 | 64.4 | 68.0 ^e |
| Ages 75+ | 67.4 | 65.9 | 69.0 | 67.3 | 66.3 | 68.3 | 55.2 | 47.3 ^e | 61.3 ^e |
| Ages <65 | 89.7 | 88.3 | 92.1 | 90.0 | 88.7 | 92.4 | 77.8 | 75.4 | 82.4 |
| Ages 65+ | 74.5 | 73.3 | 75.9 | 74.6 | 73.5 | 75.9 | 60.6 | 56.9 | 64.1 |

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

Based on follow-up of patients into 2011.

^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 2011.

^c Period survival provides a 2010 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 2004-2010 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.

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