Table 13.16
Myeloid 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 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Acute Myeloid Leukemia** | | | | | | | | | |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1975-1977[a] | 6.2 | 5.5 | 7.0 | 5.8 | 5.4 | 6.2 | 10.1 | 8.2 | 11.7 |
| ... | | | | | | | | | |
| 1984-1986[a] | 10.6 | 9.2 | 12.3 | 10.2 | 8.9 | 11.8 | 9.8 | 6.7 | 12.9 |
| 1987-1989[a] | 11.4 | 9.1 | 14.1 | 11.3 | 9.6 | 13.2 | 9.2 | 4.4 | 15.7[e] |
| 1990-1992[a] | 13.7 | 12.6 | 15.1 | 13.4 | 12.2 | 14.9 | 13.5 | 12.9 | 13.9 |
| 1993-1995[a] | 16.2 | 14.9 | 17.5 | 15.4 | 14.2 | 16.8 | 21.5 | 20.6[e] | 22.0 |
| 1996-1998[a] | 17.0 | 16.0 | 18.3 | 15.7 | 14.4 | 17.2 | 22.1 | 25.2 | 18.2 |
| 1999-2001[a] | 19.2 | 18.8 | 19.7 | 18.7 | 17.7 | 19.9 | 19.3 | 24.8 | 14.2 |
| 2002-2005[a] | 24.0 | 21.4 | 26.9 | 23.8 | 21.1 | 27.0 | 24.5 | 24.5 | 24.4 |
| 2006-2012[a] | 26.8[d] | 26.8[d] | 26.7[d] | 25.9[d] | 25.8[d] | 26.0[d] | 29.6[d] | 29.8[d] | 29.3[d] |
| 5-Year Period Survival (Percent)[bc] | | | | | | | | | |
| 2012 | 27.6 | 26.6 | 28.9 | 27.1 | 26.0 | 28.5 | 31.0 | 30.4 | 31.6 |
| 5-Year Relative Survival (Percent), 2006-2012[b] | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 57.2 | 55.2 | 59.2 | 58.0 | 55.8 | 60.4 | 52.0 | 49.9 | 53.7 |
| Ages 45-54 | 41.0 | 39.5 | 42.6 | 41.9 | 40.0 | 44.1 | 37.6 | 35.4 | 39.4[e] |
| Ages 55-64 | 30.3 | 30.3 | 30.3 | 31.0 | 30.5 | 31.5 | 21.9 | 24.6 | 18.9 |
| Ages 65-74 | 12.1 | 11.7 | 12.6 | 12.2 | 11.8 | 12.7 | 11.6 | 11.1 | 12.0 |
| Ages 75+ | 2.2 | 1.8 | 2.6 | 2.4 | 2.0 | 2.8 | 0.9 | 0.0 | 1.2 |
| Ages <65 | 44.8 | 43.0 | 46.8 | 45.1 | 43.0 | 47.6 | 41.1 | 39.5 | 42.8 |
| Ages 65+ | 6.3 | 6.3 | 6.3 | 6.4 | 6.4 | 6.3 | 6.1 | 6.2 | 6.0 |
| **Chronic Myeloid Leukemia** | | | | | | | | | |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1975-1977[a] | 21.8 | 19.3 | 25.1 | 20.5 | 18.4 | 23.4 | 27.7[e] | 21.6[e] | 35.5[e] |
| ... | | | | | | | | | |
| 1984-1986[a] | 22.4 | 20.2 | 25.6 | 22.9 | 20.2 | 26.8 | 21.4 | 20.3[e] | 22.2[e] |
| 1987-1989[a] | 30.4 | 30.7 | 30.0 | 30.3 | 31.1 | 29.4 | 33.3[e] | 28.1[e] | 41.3[e] |
| 1990-1992[a] | 30.7 | 29.6 | 32.2 | 30.3 | 30.0 | 30.6 | 34.9[e] | 25.5[e] | 44.9[e] |
| 1993-1995[a] | 35.4 | 35.2 | 35.8 | 35.2 | 35.1 | 35.2 | 35.6[e] | 32.8[e] | 40.2[e] |
| 1996-1998[a] | 37.1 | 37.7 | 36.2 | 37.9 | 37.6 | 38.3 | 31.0 | 30.4[e] | 31.4[e] |
| 1999-2001[a] | 47.1 | 45.5 | 49.3 | 45.8 | 44.0 | 48.3 | 48.1[e] | 48.1[e] | 48.1[e] |
| 2002-2005[a] | 55.4 | 54.3 | 57.1 | 53.8 | 53.0 | 55.1 | 61.0 | 61.0[e] | 60.8[e] |
| 2006-2012[a] | 65.9[d] | 65.8[d] | 66.1[d] | 65.2[d] | 64.8[d] | 65.7[d] | 64.7[d] | 66.2[de] | 62.6[de] |
| 5-Year Period Survival (Percent)[bc] | | | | | | | | | |
| 2012 | 67.1 | 66.3 | 68.2 | 66.5 | 65.8 | 67.4 | 67.7 | 68.6 | 66.6 |
| 5-Year Relative Survival (Percent), 2006-2012[b] | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 87.7 | 86.6 | 89.3 | 89.2 | 87.8 | 91.3 | 75.8 | 74.5 | 76.8 |
| Ages 45-54 | 83.7 | 80.7 | 88.1 | 84.8 | 82.4 | 88.1 | 81.9 | 78.2[e] | 86.2[e] |
| Ages 55-64 | 74.8 | 72.0 | 79.2 | 75.0 | 71.9 | 80.2 | 67.3 | 61.0[e] | 71.9[e] |
| Ages 65-74 | 55.5 | 53.1 | 58.9 | 55.3 | 52.8 | 58.9 | 52.1[e] | 49.8[e] | 53.3[e] |
| Ages 75+ | 27.9 | 27.1 | 28.7 | 27.6 | 25.9 | 29.0 | 23.1[e] | 21.4[f] | 22.3[e] |
| Ages <65 | 82.5 | 80.3 | 85.8 | 83.3 | 80.9 | 86.9 | 74.9 | 71.9 | 77.9 |
| Ages 65+ | 40.1 | 39.8 | 40.5 | 39.6 | 38.8 | 40.4 | 39.0 | 40.1[e] | 37.4[e] |

[a] SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
Based on follow-up of patients into 2013.

[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 2013.

[c] Period survival provides a 2012 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).

[d] The difference between 1975-1977 and 2006-2012 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.

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