

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
<u>Acute Myeloid Leukemia</u>									
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 ^a	6.2	5.5	6.9	5.8	5.4	6.2	10.1	8.2	11.7
...									
1987-1989 ^a	11.5	9.2	14.1	11.3	9.7	13.2	9.2	4.4	15.7 ^e
1990-1992 ^a	13.8	12.6	15.2	13.5	12.2	15.0	13.5	12.9	13.9
1993-1995 ^a	16.1	15.0	17.3	15.3	14.2	16.6	21.5	20.6 ^e	22.0
1996-1998 ^a	17.0	15.9	18.4	15.7	14.5	17.2	22.1	25.2	18.2
1999-2001 ^a	19.2	18.8	19.7	18.7	17.6	19.9	19.3	24.8	14.2
2002-2004 ^a	23.4	20.9	26.4	23.2	20.8	26.0	25.3	26.5	24.0
2005-2009 ^a	25.5	25.0	26.2	24.9	24.3	25.6	25.5	22.3	28.1
2010-2016 ^a	29.8 ^d	28.9 ^d	30.9 ^d	29.3 ^d	28.0 ^d	30.8 ^d	30.5 ^d	29.3 ^d	31.6 ^d
5-Year Period Survival (Percent) ^{bc}									
2016	29.3	28.8	29.9	28.8	28.0	29.5	29.2	28.6	29.7
5-Year Relative Survival (Percent), 2010-2016 ^b									
Age at Diagnosis:									
Ages <45	61.5	60.4	62.7	63.2	61.8	64.6	53.8	51.1	56.1
Ages 45-54	45.3	44.4	46.4	46.6	45.5	47.9	36.4	35.8	37.2
Ages 55-64	30.4	28.1	33.5	31.5	28.5	35.6	19.1	21.2	16.2
Ages 65-74	14.8	14.5	15.3	15.5	15.5	15.5	9.5	4.5	14.1
Ages 75+	3.2	3.8	2.4	3.2	3.8	2.5	2.6	5.5	0.9
Ages <65	47.5	45.2	50.2	48.4	45.7	51.6	40.2	38.4	42.0
Ages 65+	8.2	8.8	7.6	8.5	9.2	7.7	6.0	4.7	7.1
<u>Chronic Myeloid Leukemia</u>									
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
...									
1987-1989 ^a	30.3	30.6	29.8	30.1	31.0	29.0	33.3 ^e	28.1 ^e	41.3 ^e
1990-1992 ^a	30.6	29.6	31.9	30.1	30.0	30.3	34.9 ^e	25.5 ^e	44.9 ^e
1993-1995 ^a	35.5	35.2	35.9	35.1	35.0	35.2	35.6 ^e	32.8 ^e	40.2 ^e
1996-1998 ^a	37.2	37.7	36.4	38.1	37.6	38.5	31.0	30.4 ^e	31.4 ^e
1999-2001 ^a	47.3	45.9	49.3	45.9	44.1	48.3	49.5 ^e	49.6 ^e	49.3 ^e
2002-2004 ^a	54.4	53.1	56.2	52.8	51.5	54.4	62.9 ^e	63.3 ^e	61.9 ^e
2005-2009 ^a	63.4	63.4	63.5	62.5	62.2	63.0	61.4	63.3 ^e	58.1 ^e
2010-2016 ^a	71.7 ^d	70.1 ^d	73.7 ^d	70.7 ^d	69.4 ^d	72.3 ^d	78.3 ^d	75.7 ^d	80.7 ^d
5-Year Period Survival (Percent) ^{bc}									
2016	70.5	69.1	72.6	69.1	67.5	71.5	73.6	71.6	75.7
5-Year Relative Survival (Percent), 2010-2016 ^b									
Age at Diagnosis:									
Ages <45	90.1	89.3	91.3	91.4	90.8	92.3	82.1	80.3	84.6
Ages 45-54	89.2	87.2	92.1	88.6	86.6	91.5	90.3	87.7	92.5
Ages 55-64	77.7	76.2	80.0	78.1	75.4	81.9	69.1	76.2 ^e	60.8 ^e
Ages 65-74	61.3	58.4	65.2	61.1	57.9	65.9	57.5 ^e	53.5 ^e	61.3 ^e
Ages 75+	36.7	33.6	39.3	36.7	34.0	38.9	35.4 ^e	34.6 ^f	35.1 ^e
Ages <65	85.8	84.5	87.6	86.0	84.4	88.4	80.8	81.5	79.7
Ages 65+	48.6	46.8	50.9	48.2	46.4	50.6	48.8	47.4 ^e	50.2 ^e

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
Based on follow-up of patients into 2017. [Expected survival rates](#) are derived from the U.S. Annual Life Tables.

^b SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, 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.

^c Based on follow-up of patients into 2017.
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).

^d The difference between 1975-1977 and 2010-2016 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.