

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	7.0	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	14.9	17.4	15.3	14.1	16.7	21.5	20.6 ^e	22.0
1996-1998 ^a	17.0	15.9	18.3	15.6	14.5	17.1	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
2005-2008 ^a	24.9	23.5	26.5	24.2	22.8	25.7	23.9	19.3	27.7
2009-2015 ^a	29.4 ^d	29.1 ^d	29.8 ^d	29.0 ^d	28.4 ^d	29.9 ^d	29.2 ^d	28.0 ^d	30.1 ^d
5-Year Period Survival (Percent) ^{bc}									
2015	28.6	27.8	29.4	28.2	27.6	28.9	28.3	26.2	30.1
5-Year Relative Survival (Percent), 2009-2015 ^b									
Age at Diagnosis:									
Ages <45	60.4	58.5	62.4	62.1	59.9	64.5	51.1	48.2	53.8
Ages 45-54	44.1	43.9	44.4	45.6	45.0	46.3	33.7	34.2	33.6
Ages 55-64	30.0	28.1	32.5	30.8	28.5	33.8	23.1	23.4	22.4
Ages 65-74	13.9	13.7	14.1	14.5	14.4	14.6	10.3	7.8	13.1
Ages 75+	3.4	4.0	2.7	3.4	4.1	2.7	2.4	-	2.0
Ages <65	46.6	44.4	49.1	47.4	44.9	50.4	39.3	37.1	41.4
Ages 65+	7.9	8.5	7.2	8.2	8.9	7.3	6.4	5.8	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	30.7	29.6	32.2	30.3	30.0	30.6	34.9 ^e	25.5 ^e	44.9 ^e
1993-1995 ^a	35.5	35.3	35.8	35.2	35.1	35.2	35.6 ^e	32.8 ^e	40.2 ^e
1996-1998 ^a	37.1	37.7	36.3	38.0	37.6	38.5	31.0	30.4 ^e	31.4 ^e
1999-2001 ^a	47.3	45.9	49.2	45.9	44.1	48.3	49.0 ^e	49.6 ^e	48.1 ^e
2002-2004 ^a	54.3	53.0	56.1	52.6	51.4	54.1	63.0 ^e	62.1 ^e	64.0 ^e
2005-2008 ^a	63.1	63.2	62.9	61.7	61.5	62.1	64.3	66.4 ^e	60.8 ^e
2009-2015 ^a	69.7 ^d	68.1 ^d	71.8 ^d	69.0 ^d	67.7 ^d	70.7 ^d	73.6 ^d	71.1 ^d	76.3 ^d
5-Year Period Survival (Percent) ^{bc}									
2015	69.5	68.3	71.2	68.1	66.6	70.2	72.3	71.4	73.5
5-Year Relative Survival (Percent), 2009-2015 ^b									
Age at Diagnosis:									
Ages <45	89.9	88.9	91.3	91.6	90.5	93.4	79.7	78.6	81.2
Ages 45-54	87.4	86.0	89.1	87.1	85.8	88.8	87.1	84.2	90.0
Ages 55-64	77.6	74.8	81.6	78.1	75.0	82.6	69.8	67.6 ^e	71.9 ^e
Ages 65-74	61.1	57.9	65.6	60.9	57.8	65.4	58.4 ^e	52.6 ^e	63.7 ^e
Ages 75+	32.6	30.5	34.6	32.1	30.2	33.6	36.2 ^e	36.2 ^f	36.2 ^e
Ages <65	85.1	83.6	87.3	85.6	83.9	88.3	79.0	77.3	80.8
Ages 65+	46.2	44.4	48.4	45.6	44.1	47.5	49.5	47.1 ^e	51.5 ^e

a

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

Based on follow-up of patients into 2016. [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 2016.

Period survival provides a 2015 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 2009-2015 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.

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