

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
...									
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	14.2	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	14.1	16.8	21.5	20.6 ^e	22.0
1996-1998 ^a	17.0	16.0	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	17.7	19.9	19.3	24.8	14.2
2002-2006 ^a	24.3	21.8	27.0	23.9	21.5	26.6	24.5	23.2	25.7
2007-2013 ^a	27.4 ^d	27.1 ^d	27.6 ^d	26.8 ^d	26.3 ^d	27.3 ^d	28.6 ^d	27.7 ^d	29.2 ^d
5-Year Period Survival (Percent) ^{bc}									
2013	28.5	27.0	30.2	28.0	26.4	30.0	30.5	28.4	32.5
5-Year Relative Survival (Percent), 2007-2013 ^b									
Age at Diagnosis:									
Ages <45	58.4	56.1	60.8	59.4	56.8	62.3	51.7	48.0	54.7
Ages 45-54	41.3	39.7	43.1	42.8	40.8	45.1	34.6	31.7	37.4 ^e
Ages 55-64	29.8	29.1	30.7	30.7	29.7	32.1	23.1	24.2	21.5
Ages 65-74	12.5	12.0	13.2	12.6	12.2	13.1	13.1	11.7	14.3
Ages 75+	2.6	2.3	2.9	2.7	2.3	3.0	2.4	0.0	2.4
Ages <65	45.2	43.0	47.6	45.8	43.4	48.6	40.1	36.9	43.3
Ages 65+	6.7	6.7	6.8	6.8	6.8	6.7	7.6	7.4	7.7
<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
...									
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	30.3	30.7	29.8	30.2	31.1	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	35.4	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	47.3	45.8	49.3	45.9	44.1	48.3	49.0 ^e	49.6 ^e	48.1 ^e
2002-2006 ^a	57.1	56.8	57.5	55.8	55.6	56.1	58.2	60.1 ^e	55.5 ^e
2007-2013 ^a	68.0 ^d	66.8 ^d	69.5 ^d	67.1 ^d	65.6 ^d	68.8 ^d	69.9 ^d	67.9 ^{de}	72.7 ^d
5-Year Period Survival (Percent) ^{bc}									
2013	68.8	68.3	69.6	68.0	67.4	69.0	68.0	68.2	67.1
5-Year Relative Survival (Percent), 2007-2013 ^b									
Age at Diagnosis:									
Ages <45	88.8	87.5	90.7	90.3	88.7	92.8	76.6	73.5	81.1
Ages 45-54	84.3	81.2	88.8	84.8	82.0	88.9	84.0	79.3 ^e	89.5
Ages 55-64	76.9	74.0	81.3	76.9	73.7	82.4	69.7	64.5 ^e	73.8 ^e
Ages 65-74	57.8	54.8	62.0	57.4	54.6	61.4	60.1 ^e	53.6 ^e	67.0 ^e
Ages 75+	30.0	28.1	31.9	29.0	26.7	31.4	28.9 ^e	26.3 ^f	31.9 ^e
Ages <65	83.7	81.4	87.1	84.2	81.7	88.3	76.5	72.5	80.9
Ages 65+	42.7	41.3	44.3	41.8	40.4	43.6	46.4	44.2 ^e	48.6 ^e

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

Based on follow-up of patients into 2014.

^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 2014.

^c Period survival provides a 2013 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). The difference between 1975-1977 and 2007-2013 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.