Leukemias - Number of Diagnosed Cancers and Average Annual Age-Adjusted Incidence Rates per 100,000 by Sex, Race/Ethnicity, Geographic Area, and Time Period, USA 2002-2006 and Colorado 2002-2006 and 2007

	USA[1] 2002-2006			Colorado 2002-2006				Colorado 2007		
	N	Rate		N	Rate			N	Rate	
Male										
All Races	89456	16.0		1549	17.3	▲		307	15.9	
White/Non-Hispanic	72034	16.7		1316	17.9	▲		240	15.6	▽
White/Hispanic	7312	11.9	○	163	15.2	▲		49	17.3	
Black	6250	12.1	○	36	11.8		○	11	17.8	
Female										
All Races	67908	9.6		1102	9.9			233	9.8	
White/Non-Hispanic	53846	9.9		936	10.2			198	10.2	
White/Hispanic	5745	8.2	○	128	9.4			25	8.8	
Black	5391	7.5	○	12	3.2	▽	○	8	10.9	

[1] USA rates are from NAACCR; USA rates for "White/Hispanic" category include Hispanics of any race.

▲ Rate is significantly higher than corresponding rate in column to the left.
▽ Rate is significantly lower than corresponding rate in column to the left.
● Rate is significantly higher than White/Non-Hispanic rate for this sex, geographic area and time period.
○ Rate is significantly lower than White/Non-Hispanic rate for this sex, geographic area and time period.

Leukemias - Number of Deaths and Average Annual Age-Adjusted Mortality Rates per 100,000 by Sex, Race/Ethnicity, Geographic Area, and Time Period, USA 2002-2006 and Colorado 2002-2006 and 2007

	USA[1] 2002-2006			Colorado 2002-2006		Colorado 2007	
	N	Rate		N	Rate	N	Rate
Male							
All Races	60912	9.8		740	9.4	167	10.0
White/Non-Hispanic	51452	10.3		639	9.7	145	10.4
White/Hispanic	3289	6.4	○	71	8.1	14	8.8
Black	4713	8.7	○	20	6.7	5	5.2
Female							
All Races	47481	5.5		592	5.4	105	4.5
White/Non-Hispanic	39705	5.7		508	5.4	94	4.8
White/Hispanic	2512	4.1	○	61	5.0	7	2.7
Black	4165	5.2	○	16	4.8	*	*

[1] USA mortality data based on all 50 states combined. *Fewer than 3 events in this category.

▲ Rate is significantly higher than corresponding rate in column to the left.
▽ Rate is significantly lower than corresponding rate in column to the left.
● Rate is significantly higher than White/Non-Hispanic rate for this sex, geographic area, and time period.
○ Rate is significantly lower than White/Non-Hispanic rate for this sex, geographic area, and time period.

HIGHLIGHTS

- In Colorado, the cumulative lifetime risk of leukemia is 1 in 45 for males and 1 in 80 for females.
- The 2002-06 Colorado male leukemia incidence rate was 8% higher than the U.S. rate, but declined 8% into 2007.
- In Colorado and the U.S., 2002-06 leukemia incidence rates for Hispanics and blacks were lower than rates for non-Hispanic whites.
- The 2000-03 survival rate for leukemias among Colorado Hispanic children (almost all acute lymphocytice leukemias) was lower than the rate among whites; lower leukemia survival rates for adult Hispanics were also seen.
- The five-year survival rate for adult leukemias in Colorado increased from 42% during 1996-99 to 47% during 2000-03.
- Leukemia mortality rates in Colorado during 2002-06 were comparable to U.S. rates and changed little through 2007. Colorado Hispanic and black leukemia death rates were lower than rates for non-Hispanic whites.

Leukemias
5-Year Relative Survival Rates by Stage and Race/Ethnicity for Colorado Males and Females, 1996-99 and 2000-2003

	1996 -1999		2000 - 2003	
Age and Race/Ethnicity	Cases	5-Year Relative Survival Rate(%)	Cases	5-Year Relative Survival Rate(%)
Child (Age 0-14)				
All Races	155	88	168	87
White/Non-Hispanic	112	88	115	90
White/Hispanic	31	81	44	71
Black	5	*	1	*
Adult (Age 15+)				
All Races	1389	42	1474	47
White/Non-Hispanic	1225	43	1279	48
White/Hispanic	114	41	139	33
Black	32	31	26	*

* Fewer than 10 cases or standard error of rate over 10%.