Larynx - 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	41390	7.1		428	4.5	▽	89	4.1
White/Non-Hispanic	32157	7.0		355	4.5	▽	72	3.9
White/Hispanic	2604	6.0	○	48	5.4		9	5.7
Black	5728	11.2	●	19	6.7	▽	5	8.6
Female								
All Races	10624	1.5		132	1.2	▽	29	1.1
White/Non-Hispanic	8568	1.6		110	1.2	▽	24	1.1
White/Hispanic	429	0.8	○	18	1.8	▲	2	0.8
Black	1441	2.0	●	3	0.9		3	4.3

[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.

Larynx - 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	14849	2.3		121	1.4	▽	21	1.1
White/Non-Hispanic	11126	2.1		97	1.3	▽	15	0.9
White/Hispanic	771	1.9	○	14	2.3		*	*
Black	2678	4.8	●	8	2.4	▽	4	9.1
Female								
All Races	3949	0.5		36	0.3	▽	5	0.2
White/Non-Hispanic	3197	0.5		34	0.4		5	0.3
White/Hispanic	89	0.2	○	*	*		*	*
Black	612	0.8	●	*	*		*	*

[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 laryngeal cancer is 1 in 168 for males and 1 in 693 for females.
- The 2002-06 Colorado laryngeal cancer incidence rates were generally 10-55% lower than U.S. rates, but rates for Colorado Hispanic females, though based on small numbers, were suggestively higher than for U.S. Hispanic females.
- During 2002-06 and 2007, mirroring the U.S., Colorado black males had laryngeal cancer incidence rates higher than white males.
- Early detection of laryngeal cancers in Colorado from 2002-06 to 2007 worsened substantially.
- The overall five-year survival rate of 55% for laryngeal cancer in Colorado did not change from 1996-99 to 2000-03, but survival improved for regional stage disease.
- Laryngeal cancer death rates in Colorado during 2002-06 were generally about 40% lower than U.S. rates, varying by sex and race/ethnicity.

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

	1996 -1999		2000 - 2003	
Stage and Race/Ethnicity	Cases	5-Year Relative Survival Rate(%)	Cases	5-Year Relative Survival Rate(%)
All Stages				
All Races	436	55	383	55
White/Non-Hispanic	370	55	320	57
White/Hispanic	44	59	49	49
Black	16	*	12	*
Localized				
All Races	257	69	228	67
White/Non-Hispanic	218	69	195	66
White/Hispanic	20	78	27	66
Black	13	*	6	*
Regional				
All Races	119	41	99	44
White/Non-Hispanic	99	41	82	48
White/Hispanic	19	47	12	*
Black	1	*	4	*
Distant				
All Races	32	24	25	*
White/Non-Hispanic	29	*	20	*
White/Hispanic	2	*	5	*
Black	1	*	0	*

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

Larynx - Stage of Disease at Diagnosis by Race/Ethnicity and Time Period, Colorado, 2002-2006 and 2007

	Cases N	In situ %	Localized %	Regional %	Distant %	Unknown %	% "Early" Detection[1]
All Races							
2002-2006	601	6.8	56.7	20.1	9.3	7.0	68.3
2007	126	6.3	46.0	25.4	16.7	5.6	55.5
White/Non-Hispanic							
2002-2006	501	7.2	57.1	21.0	8.0	6.8	69.0
2007	103	6.8	43.7	28.2	14.6	6.8	54.2
White/Hispanic							
2002-2006	69	4.3	59.4	18.8	11.6	5.8	67.7
2007	11	0.0	63.6	0.0	36.4	0.0	63.6
Black							
2002-2006	24	8.3	41.7	8.3	25.0	16.7	60.0
2007	9	11.1	44.4	22.2	22.2	0.0	55.6

[1] "Early" detection is percent in situ + localized of staged cases (unknown stage excluded).