**Lung and Bronchus - 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 | 478417 | 86.4 | | 5212 | 62.4 | ▽ | | 1092 | 60.1 | |
| White/Non-Hispanic | 397242 | 89.1 | | 4509 | 63.4 | ▽ | | 942 | 61.2 | |
| White/Hispanic | 19006 | 49.2 | ○ | 411 | 55.6 | | ○ | 96 | 61.8 | |
| Black | 49163 | 104.8 | ● | 204 | 79.0 | ▽ | ● | 35 | 55.4 | |
| **Female** | | | | | | | | | | |
| All Races | 393647 | 55.5 | | 4893 | 45.4 | ▽ | | 1085 | 46.1 | |
| White/Non-Hispanic | 335844 | 59.9 | | 4307 | 47.1 | ▽ | | 952 | 48.0 | |
| White/Hispanic | 13578 | 26.5 | ○ | 368 | 38.3 | ▲ | ○ | 76 | 34.7 | ○ |
| Black | 34365 | 50.7 | ○ | 133 | 43.7 | | | 35 | 46.2 | |

[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.

**Lung and Bronchus - 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 | 448984 | 70.5 | | 4109 | 51.0 | ▽ | | 825 | 47.3 | |
| White/Non-Hispanic | 376162 | 72.5 | | 3575 | 51.9 | ▽ | | 730 | 49.4 | |
| White/Hispanic | 13217 | 34.8 | ○ | 306 | 44.1 | ▲ | ○ | 51 | 33.0 | ○ |
| Black | 49307 | 91.9 | ● | 163 | 66.0 | ▽ | ● | 29 | 48.4 | |
| **Female** | | | | | | | | | | |
| All Races | 342458 | 40.9 | | 3544 | 32.9 | ▽ | | 753 | 32.3 | |
| White/Non-Hispanic | 295821 | 44.0 | | 3142 | 34.2 | ▽ | | 668 | 33.6 | |
| White/Hispanic | 7424 | 14.9 | ○ | 232 | 25.9 | ▲ | ○ | 48 | 24.2 | ○ |
| Black | 32191 | 40.8 | ○ | 104 | 34.8 | | | 24 | 35.6 | |

[1] USA mortality data based on all 50 states combined.

▲ 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 lung cancer is 1 in 11 for males and 1 in 15 for females.
- The 2002-06 lung cancer incidence rates in Colorado were generally 18-28% lower than U.S. rates, but Colorado Hispanic males and females had rates 13% and 45% higher, respectively, than U.S. Hispanics.
- Colorado lung cancer incidence rates declined about 3% for males from 2002-06 to 2007, but increased about 3% for females.
- During 2002-06, Colorado lung cancer incidence rates for Hispanic males and females were 12% and 19% lower, respectively, than rates for non-Hispanic whites.
- Five-year survival rates for lung cancer remained very low. Localized stage survival is better at 49%, but only 1 in 5 cases are diagnosed that early.
- Mortality trends for lung cancer are similar to incidence.

**Lung and Bronchus**
**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 | 5514 | 13 | 6162 | 14 |
| White/Non-Hispanic | 4816 | 13 | 5339 | 15 |
| White/Hispanic | 420 | 11 | 492 | 11 |
| Black | 206 | 13 | 211 | 10 |
| **Localized** | | | | |
| All Races | 871 | 45 | 1009 | 49 |
| White/Non-Hispanic | 773 | 45 | 881 | 50 |
| White/Hispanic | 58 | 36 | 79 | 36 |
| Black | 29 | 47 | 26 | 43 |
| **Regional** | | | | |
| All Races | 1117 | 19 | 1336 | 19 |
| White/Non-Hispanic | 961 | 19 | 1137 | 19 |
| White/Hispanic | 91 | 23 | 118 | 16 |
| Black | 49 | 25 | 48 | * |
| **Distant** | | | | |
| All Races | 3014 | 3 | 3168 | 3 |
| White/Non-Hispanic | 2627 | 3 | 2745 | 3 |
| White/Hispanic | 233 | * | 251 | * |
| Black | 116 | * | 118 | * |

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

**Lung and Bronchus - 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 | 10112 | 0.1 | 18.1 | 21.3 | 50.8 | 9.7 | 20.1 |
| 2007 | 2177 | 0.0 | 19.6 | 19.8 | 49.9 | 10.7 | 21.9 |
| **White/Non-Hispanic** | | | | | | | |
| 2002-2006 | 8822 | 0.1 | 18.2 | 21.5 | 50.4 | 9.7 | 20.3 |
| 2007 | 1894 | 0.0 | 19.9 | 19.8 | 49.7 | 10.6 | 22.2 |
| **White/Hispanic** | | | | | | | |
| 2002-2006 | 780 | 0.1 | 16.7 | 19.7 | 54.6 | 8.8 | 18.4 |
| 2007 | 172 | 0.0 | 15.7 | 18.6 | 54.1 | 11.6 | 17.8 |
| **Black** | | | | | | | |
| 2002-2006 | 337 | 0.0 | 19.0 | 20.5 | 49.0 | 11.6 | 21.5 |
| 2007 | 70 | 0.0 | 20.0 | 22.9 | 44.3 | 12.9 | 23.0 |

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