Prostate - Number of Diagnosed Cancers and Average Annual Age-Adjusted Incidence Rates per 100,000 by 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	882337	155.5		14848	161.9	▲		3392	164.4	
White/Non-Hispanic	675619	148.2		12921	165.7	▲		2959	170.3	
White/Hispanic	52722	131.1	○	1111	141.5	▲	○	240	129.0	○
Black	111335	231.9	●	639	212.6	▽	●	145	210.2	●

[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.

Prostate - Number of Deaths and Average Annual Age-Adjusted Mortality Rates per 100,000 by 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	146279	25.6		1813	27.4	▲		371	26.5
White/Non-Hispanic	113368	23.8		1550	26.9	▲		326	26.7
White/Hispanic	6131	20.0	○	149	32.0	▲		29	29.0
Black	24118	57.2	●	88	47.4		●	11	30.4

[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 prostate cancer is 1 in 5.
- The 2002-06 Colorado incidence rates of prostate cancer for non-Hispanic whites and Hispanics were 12% and 8% higher, respectively, than U.S. rates. The Colorado incidence rate for blacks was 8% lower than the U.S. rate for blacks.
- Similar to the U.S., the Colorado incidence rate of prostate cancer during 2002-06 for Hispanics was 15% lower - and for blacks 28% higher - than for non-Hispanic whites.
- Early detection of prostate cancer in Colorado Hispanics worsened from 2002-06 to 2007, and along with blacks, lagged about 2-6 percentage points behind that of whites. Distant stage cases were more common among Hispanics and blacks.
- The survival rate for prostate cancer in Colorado changed little from 1996-99 to 2000-03, but decreased for Hispanics.
- The 2002-06 death rate for prostate cancer in Colorado was 7% higher than the U.S. rate. The death rate for prostate cancer for 2002-06 for Colorado blacks was 76% higher than the rate for whites, but much improved in 2007.

Prostate
5-Year Relative Survival Rates by Stage and Race/Ethnicity for Colorado Males, 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	8407	93	9795	94
White/Non-Hispanic	7346	94	8561	95
White/Hispanic	659	92	744	87
Black	336	88	400	87
Localized				
All Races	5921	99	7426	99
White/Non-Hispanic	5207	99	6527	99
White/Hispanic	436	100	534	98
Black	235	93	299	94
Regional				
All Races	856	99	806	99
White/Non-Hispanic	736	99	692	99
White/Hispanic	60	98	65	96
Black	51	95	39	96
Distant				
All Races	417	25	370	23
White/Non-Hispanic	347	23	299	22
White/Hispanic	50	40	44	*
Black	18	*	18	*

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

Prostate - 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	14854	0.0	77.9	9.3	3.8	8.9	85.6
2007	3392	0.0	77.7	9.7	3.3	9.3	85.7
White/Non-Hispanic							
2002-2006	12926	0.0	78.3	9.3	3.6	8.8	85.9
2007	2959	0.0	78.4	9.5	2.9	9.3	86.4
White/Hispanic							
2002-2006	1112	0.1	74.6	8.0	5.7	11.7	84.5
2007	240	0.0	69.6	11.7	5.4	13.3	80.3
Black							
2002-2006	639	0.0	77.6	11.0	5.5	5.9	82.5
2007	145	0.0	81.4	7.6	7.6	3.4	84.3

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