Kidney and Renal Pelvis - 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	113317	19.6		1686	17.8	▽		411	20.0	
White/Non-Hispanic	90234	19.9		1381	17.5	▽		321	19.0	
White/Hispanic	8781	18.2	○	213	22.1	▲	●	66	30.6	●
Black	10848	20.6	●	60	20.3			20	23.7	
Female										
All Races	71236	10.2		1001	8.9	▽		211	8.7	
White/Non-Hispanic	55811	10.3		791	8.5	▽		157	7.8	
White/Hispanic	5903	10.3		159	14.3	▲	●	41	15.8	●
Black	7432	10.6	●	34	10.4			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.

Kidney and Renal Pelvis - 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	38376	6.0		493	5.9			111	6.3
White/Non-Hispanic	31850	6.1		417	5.8			92	6.4
White/Hispanic	2272	5.4	○	50	7.5			13	6.1
Black	3360	6.1		21	8.0			5	8.3
Female									
All Races	23284	2.7		263	2.4	▽		63	2.6
White/Non-Hispanic	19318	2.8		205	2.2	▽		49	2.4
White/Hispanic	1303	2.5	○	45	5.0	▲	●	10	5.2
Black	2157	2.7		6	2.3			4	6.3

[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 kidney cancer is 1 in 41 for males and 1 in 85 for females.
- The 2002-06 Colorado kidney cancer incidence rates for all races combined for males and females were 9% and 13% lower, respectively, than U.S. rates, but the Colorado rates for Hispanic males and females were 21% and 39% higher, respectively, than U.S. Hispanic rates.
- During 2002-06 and 2007, Colorado Hispanics had kidney cancer incidence rates 26-103% higher, and blacks had rates 16-40% higher, than non-Hispanic whites.
- There were substantial improvements in early detection of kidney cancer among Hispanics and blacks in Colorado from 2002-06 to 2007.
- Five-year survival rates for kidney cancer in Colorado improved from 58% to 62% from 1996-99 to 2000-03 for all stages combined.

Kidney and Renal Pelvis
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	1132	58	1455	62
White/Non-Hispanic	907	59	1196	63
White/Hispanic	172	56	194	56
Black	39	54	45	62
Localized				
All Races	584	86	840	88
White/Non-Hispanic	465	88	685	91
White/Hispanic	92	78	116	74
Black	21	74	28	74
Regional				
All Races	214	59	228	57
White/Non-Hispanic	175	56	191	56
White/Hispanic	33	73	26	60
Black	4	*	5	*
Distant				
All Races	267	6	281	10
White/Non-Hispanic	213	6	235	8
White/Hispanic	37	*	36	*
Black	12	*	8	*

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

Kidney and Renal Pelvis - 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	2734	1.7	58.8	15.1	16.7	7.7	65.6
2007	634	1.9	60.3	16.1	16.7	5.0	65.4
White/Non-Hispanic							
2002-2006	2216	2.0	58.8	15.1	16.6	7.5	65.7
2007	490	2.4	58.6	16.9	17.6	4.5	63.9
White/Hispanic							
2002-2006	375	0.8	58.1	15.2	18.4	7.5	63.7
2007	107	0.0	65.4	13.1	15.0	6.5	70.0
Black							
2002-2006	94	0.0	56.4	13.8	14.9	14.9	66.3
2007	28	0.0	71.4	3.6	14.3	10.7	80.0

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