

Kidney Cancer

KIDNEY CANCER - FAST FACTS OREGON

	Total	Male	Female
CANCER INCIDENCE			
Total Cancer Cases (2004)	518	309	209
RATES (2004)			
Oregon Crude Rate	14.4	17.3	11.6
Oregon Age-adjusted Rate	13.6	17.6	10.3
US Age-adjusted Rate ¹	13.3	18.2	9.2
TRENDS (2000-2004) - APC			
Oregon Annual Trend	*+6.1	*+5.6	*+6.9
US Annual Trend ¹	*+2.5	*+1.9	*+3.3
CANCER MORTALITY			
Total Cancer Deaths (2004)	158	101	57
RATES (2004)			
Oregon Crude Rate	4.4	5.7	3.2
Oregon Age-adjusted Rate	4.1	6.0	2.6
US Age-Adjusted Rate ²	4.1	5.9	2.7
TRENDS (2000-2004) - APC			
Oregon Annual Trend	-1.6	-0.8	-2.7
US Annual Trend ²	-0.7	-1.0	*-0.7
PROGNOSIS AND BURDEN (2000-2004)			
Prognosis: M/I Ratio	0.34	0.36	0.32
Burden: YPLL	522	356	166

Note: Incidence and mortality rates are per 100,000 population, age-adjusted to the 19-age-group 2000 U.S. standard population, and exclude *in situ* cancers. Total column may exceed male/female columns due to coding to other gender.

¹ SEER 17 Registry Data, SEERStat 6.3.5.

² US Mortality Public Use Data file, National Center for Health Statistics

APC = Average Annual Percent Change.

M/I = Mortality to Incidence Ratio.

YPLL = Years of Potential Life Lost.

* indicates a statistically significant trend.

Kidney cancer includes renal cell carcinoma (cancer that forms in the lining of very small tubes in the kidney that filter the blood and remove waste products) and renal pelvis carcinoma (cancer that forms in the center of the kidney where urine collects).

In 2004, 518 cancers of the kidney were diagnosed in Oregonians and reported to the central registry. Median age at diagnosis was 65. During the same time period, 158 Oregonians died due to cancer of the kidney. Median age at death was 73. More than half (58 percent) were diagnosed at the local stage.

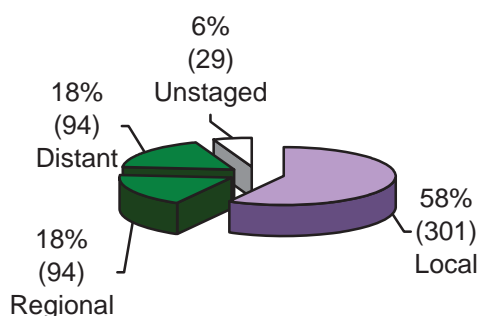
The age-adjusted incidence rate of cancer of the kidney in 2004 was 14 per 100,000. Among men, the incidence rate was 18 per 100,000 and among women the rate was 10 per 100,000.

The age-adjusted mortality rate for cancer of the kidney in 2004 was 4 per 100,000. Among men, the mortality rate was 6 per 100,000 and among women the rate was 3 per 100,000.

During the period 2000-2004, there were 34 deaths for every 100 diagnoses. Based on a life expectancy of 65 years, a total of 522 years of life were lost due to early deaths from kidney cancer.

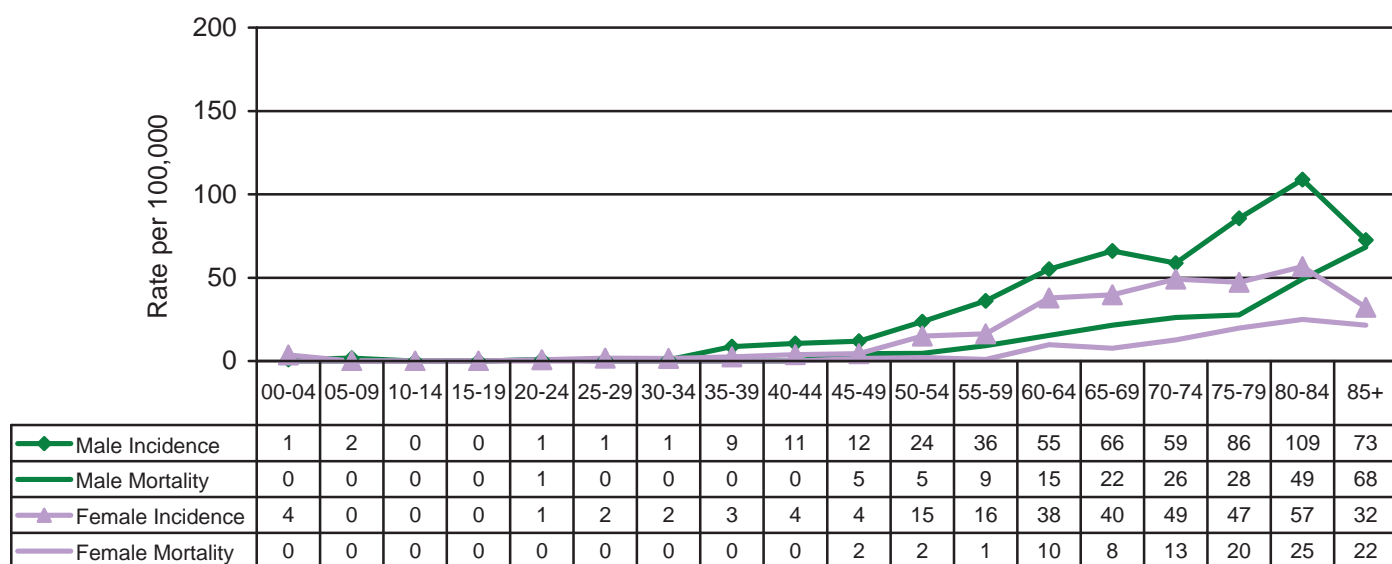
The incidence was highest in the south Cascades and the northwest region of Oregon, while mortality was highest on the north coast and in central Oregon. See [Kidney Cancer maps](#).

**Kidney Cancer
Stage at Diagnosis, Oregon, 2004**

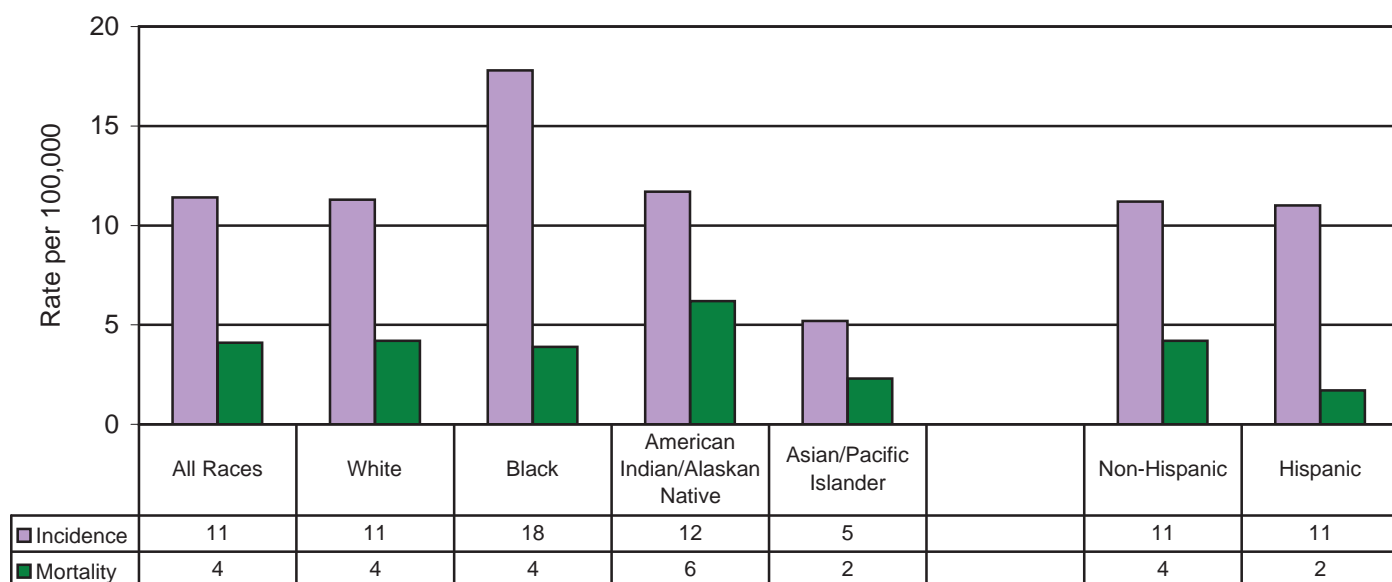


Kidney Cancer

**Kidney Cancer Incidence and Mortality Rates,
by Age Group and Sex, Oregon, 2004**

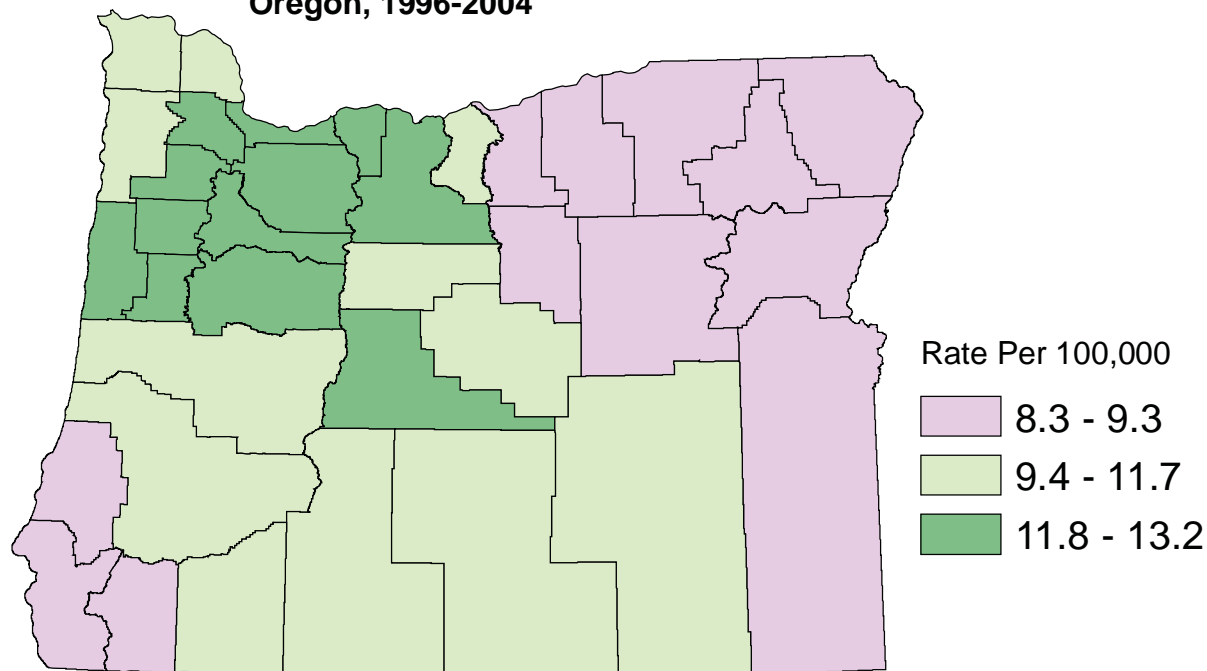


**Kidney Cancer Incidence and Mortality Rates,
by Race and Ethnicity, Oregon, 1996-2004**



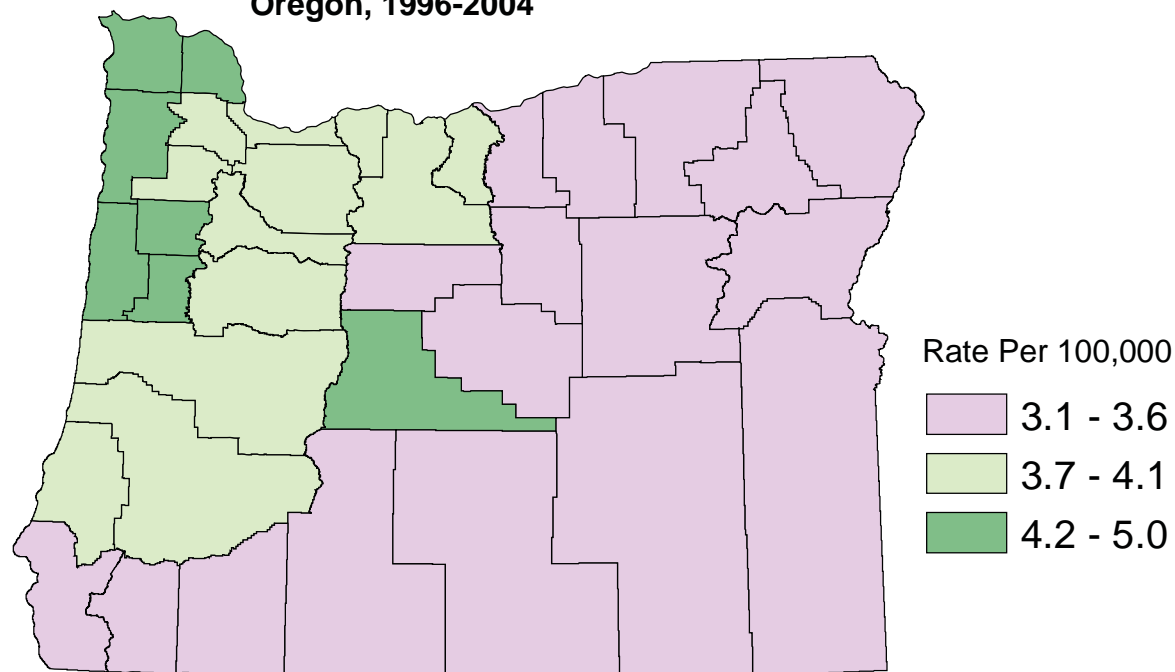
Kidney Cancer

Kidney Cancer Incidence: Oregon, 1996-2004



Rates have been smoothed to stabilize results from sparsely populated areas.

Kidney Cancer Mortality: Oregon, 1996-2004



Rates have been smoothed to stabilize results from sparsely populated areas.

Kidney Cancer

Kidney Cancer Incidence and Mortality Rates, by County, 1996-2004 Average

KIDNEY/RENAL Years 1996-2004 Oregon Counties	CANCER INCIDENCE			CANCER MORTALITY		
	Invasive Cases Per Year	Age- Adjusted Rate	9-Year Trend APC	Cancer Deaths Per Year	Age- Adjusted Rate	9-Year Trend APC
STATE	404	11.4	+3.8	147	4.1	-0.7
Baker	2	8.7	^	1	^	^
Benton	6	9.3	^	3	4.1	^
Clackamas	40	11.9	+5.5	14	4.2	+5.7
Clatsop	5	11.2	^	2	5.0	^
Columbia	5	11.6	^	3	6.7	^
Coos	15	H 17.3	+1.4	5	5.5	^
Crook	2	10.4	^	1	^	^
Curry	3	8.8	^	1	^	^
Deschutes	17	13.2	+10.1	6	4.6	^
Douglas	16	12.5	+5.9	7	4.8	^
Gilliam	0	^	^	0	^	^
Grant	1	^	^	0	^	^
Harney	1	^	^	0	^	^
Hood River	2	8.2	^	0	^	^
Jackson	22	10.0	+7.5	8	3.6	^
Jefferson	2	12.4	^	1	^	^
Josephine	10	9.0	^	4	3.6	^
Klamath	8	11.7	^	3	4.7	^
Lake	2	19.4	^	1	^	^
Lane	37	10.7	+4.6	14	4.1	-4.6
Lincoln	8	12.8	^	3	4.3	^
Linn	14	12.1	+10.0	5	4.2	^
Malheur	3	8.8	^	1	^	^
Marion	35	12.6	+5.1	13	4.7	+4.7
Morrow	1	^	^	1	^	^
Multnomah	73	11.9	+2.8	25	4.1	-3.2
Polk	9	13.1	^	3	3.9	^
Sherman	1	^	^	0	^	^
Tillamook	4	11.4	^	2	4.6	^
Umatilla	6	8.3	^	2	3.1	^
Union	2	8.3	^	1	^	^
Wallowa	1	^	^	0	^	^
Wasco	3	10.2	^	2	5.8	^
Washington	38	10.3	+0.4	12	3.4	-1.4
Wheeler	0	^	^	0	^	^
Yamhill	10	12.1	^	3	3.3	^

Rates are per 100,000 and age-adjusted to the 19-age-group 2000 U.S. Standard Population.

APC = Annual Percent Change.

Counts may not match Center for Health Statistics data tables due to unknown county of death.

* Indicates a statistically significant trend (p<.05).

^ Rate/Trend is not calculated due to instability of small numbers.

H= Rate is statistically significantly higher (p<.05).

L = Rate is statistically significantly lower (p<.05).