

Bladder Cancer

BLADDER CANCER - FAST FACTS OREGON

	Total	Male	Female
CANCER INCIDENCE			
Total Cancer Cases (2005)	926	692	234
RATES			
Oregon Crude Rate (2005)	25.4	38.2	12.8
Oregon Age-adjusted Rate (2005)	23.8	40.4	10.6
US Age-adjusted Rate (2004) ¹	21.3	37.3	9.6
TRENDS - APC			
Oregon Annual Trend (2001-2005)	-0.9	-1.4	-0.8
CANCER MORTALITY			
Total Cancer Deaths (2005)	205	152	53
RATES			
Oregon Crude Rate (2005)	5.6	8.4	2.9
Oregon Age-adjusted Rate (2005)	5.1	9.4	2.2
US Age-Adjusted Rate (2004) ²	4.4	7.6	2.2
TRENDS - APC			
Oregon Annual Trend (2001-2005)	-0.2	+0.1	-2.4
US Annual Trend (2000-2004) ²	+0.0	-0.2	-0.4
PROGNOSIS AND BURDEN			
Prognosis: M/I Ratio (2001-2005)	0.22	0.21	0.25
Burden: YPLL (2001-2005)	269	179	90

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

¹ NPCR. <http://statecancerprofiles.cancer.gov/>

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

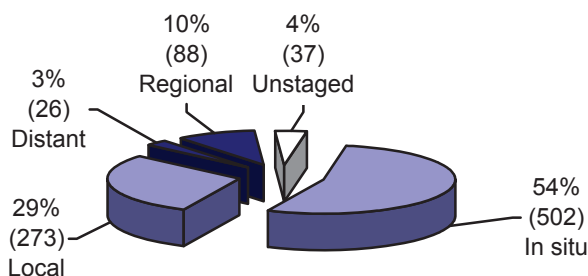
APC = Average Annual Percent Change.

M/I = Mortality to Incidence Ratio.

YPLL = Years of Potential Life Lost.

* Indicates a statistically significant trend.

**Bladder Cancer
Stage at Diagnosis, Oregon, 2005**



A total of 926 cancers of the urinary bladder were diagnosed among Oregonians in 2005 and reported to the central registry. Median age at diagnosis was 71. During the same year, 205 Oregonians died due to bladder cancer. Median age at death was 78.

Most (84 percent) were diagnosed at in situ or local stage and 12 percent were diagnosed at regional or distant stage. Another 4 percent were unstaged.

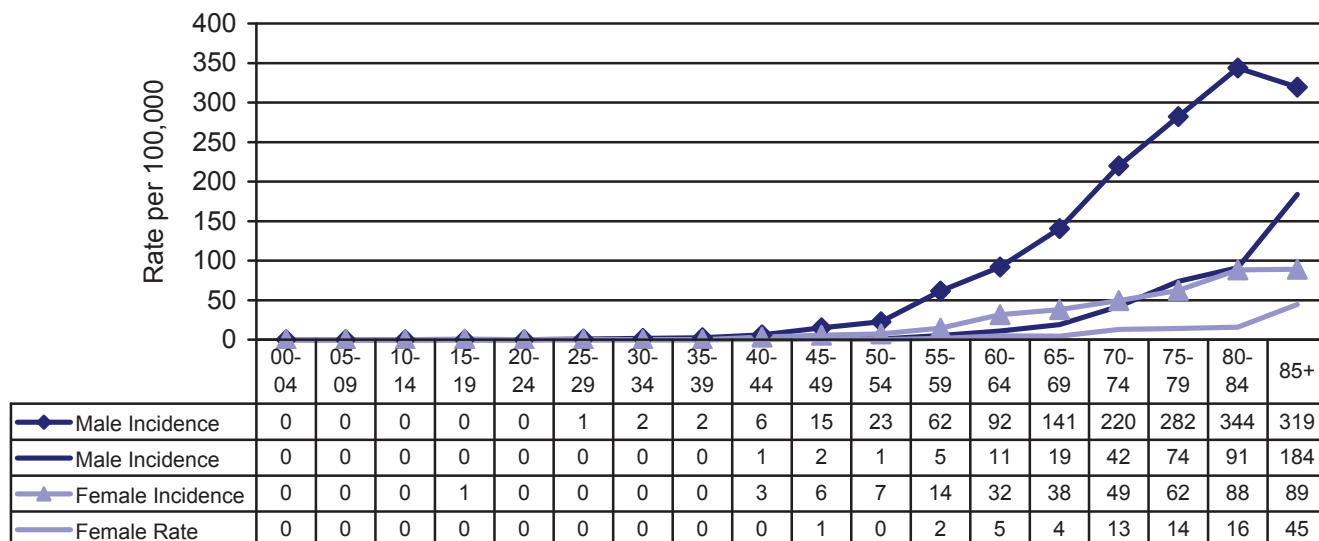
In 2005, the age-adjusted incidence rate for bladder cancer was 24 cases per 100,000 people and the age-adjusted mortality rate was 5 per 100,000. Both incidence and mortality were higher among men. Among men, the incidence rate was 40 per 100,000 compared to 11 per 100,000 among women. The age-adjusted mortality rate was 9 per 100,000 for men compared to 2 per 100,000 among women. Incidence for men increased sharply after age 50.

During 2001-2005, there were 22 deaths for every 100 new diagnoses of bladder cancer. Based on a life expectancy of 65 years, an average of 269 years of life were lost annually due to bladder cancer deaths before age 65.

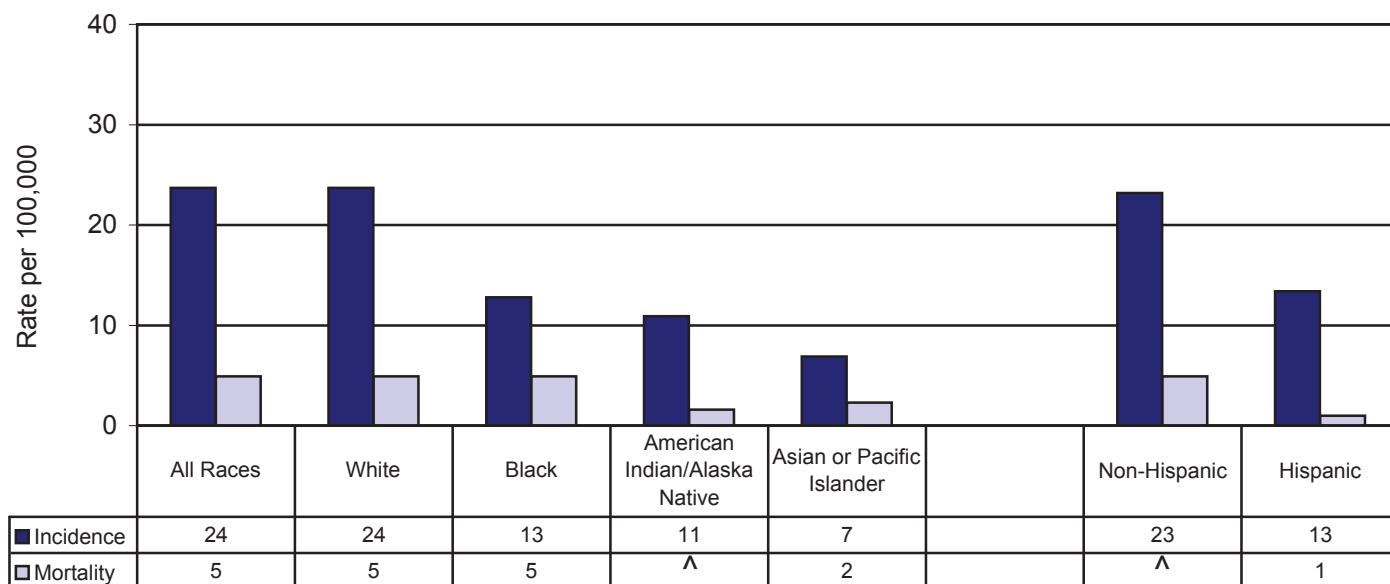
Incidence during 1996-2005 was significantly higher in Coos county than the state average and significantly lower in Washington county. Mortality during 1996-2005 was significantly higher than the state average in Curry county and significantly lower in Benton county. See Bladder Cancer maps.

Bladder Cancer

**Bladder Cancer Incidence and Mortality Rates,
by Age Group and Sex, Oregon, 2005**



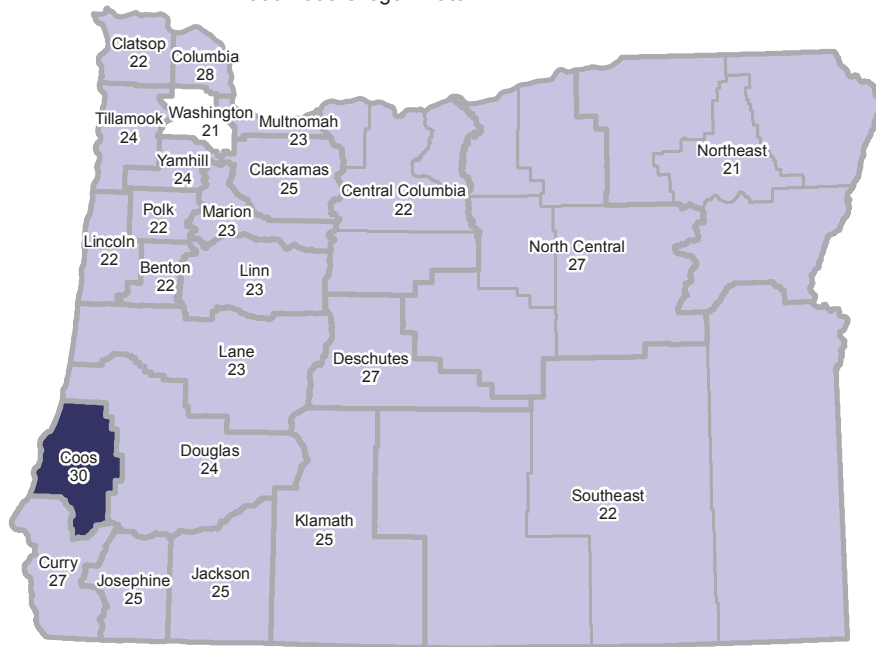
**Bladder Cancer Incidence and Mortality Rates,
by Race and Ethnicity, Oregon, 1996-2005**



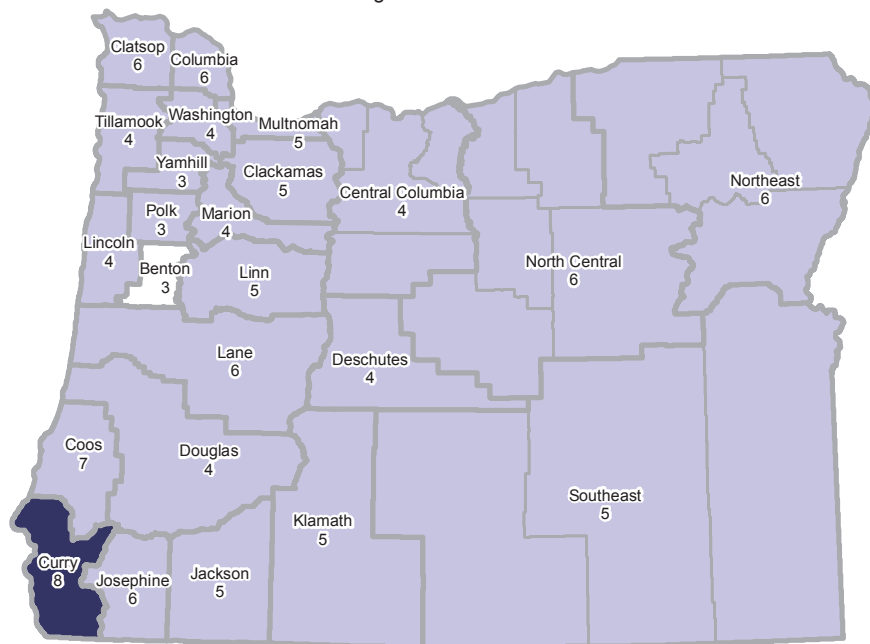
^ Rate not calculated due to instability of small numbers

Bladder Cancer

Rates of Bladder Cancer Incidence, 1996-2005
1996-2005 Oregon Rate = 24.



Rates of Bladder Cancer Mortality, 1996-2005
1996-2005 Oregon Rate = 5.



Rates = Incidence count per 100,000 persons
age-adjusted to 2000 U.S. Census
19-age-group standard.

- Statistically Higher than Oregon Average
- Similar to Oregon Average
- Statistically Lower than Oregon Average

Bladder Cancer

Bladder Cancer Incidence and Mortality by County, 1996-2005: Average Count, Annual Rate, and 10-Year Trend

BLADDER	NEW CASES			DEATHS		
1996-2005 Oregon Counties	Cases Per Year	Age-Adjusted Rate	10-Year Trend / APC	Deaths Per Year	Age-Adjusted Rate	10-Year Trend / APC
Total	846	23.7	-0.3	177	4.9	-0.2
Baker	5	21.2	^	2	6.2	^
Benton	15	22.1	1.3	2	2.8 L	^
Clackamas	84	25.3	-2.4	17	5.2	-5.9
Clatsop	10	22.1	^	3	6.4	^
Columbia	12	27.6	-3.8	3	6.3	^
Coos	28	30.4 H	-2.3	6	6.7	^
Crook	7	28.5	^	1	6.3	^
Curry	11	27.1	-1.4	3	7.9 H	^
Deschutes	34	26.8	4.3	5	3.9	^
Douglas	33	23.7	-0.8	6	4.4	^
Gilliam	1	^	^	0	^	^
Grant	2	21.1	^	1	^	^
Harney	2	24.0	^	1	^	^
Hood River	3	16.3 L	^	1	^	^
Jackson	58	25.2	0.3	12	4.9	-9.6
Jefferson	4	18.4	^	1	^	^
Josephine	30	25.3	-2.1	7	6.0	^
Klamath	19	25.3	1.0	4	5.0	^
Lake	3	24.7	^	1	^	^
Lane	81	23.2	2.1 *	20	5.6	-3.2
Lincoln	15	22.2	-6.7 *	3	4.1	^
Linn	27	23.0	-1.4	6	5.0	^
Malheur	7	20.4	^	2	4.4	^
Marion	65	22.9	1.0	13	4.4	5.0
Morrow	3	27.7	^	0	^	^
Multnomah	140	22.9	-2.1	31	4.9	1.4
Polk	16	22.1	3.7	3	3.4	^
Sherman	1	^	^	0	^	^
Tillamook	9	23.9	^	2	4.5	^
Umatilla	14	20.3	1.9	3	4.8	^
Union	7	24.5	^	2	5.5	^
Wallowa	2	18.3	^	1	^	^
Wasco	8	25.6	^	2	4.8	^
Washington	73	20.9 L	-0.2	14	4.0	-1.2
Wheeler	1	^	^	0	^	^
Yamhill	19	23.7	-2.8	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.

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

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

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

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