

Esophageal Cancer

ESOPHAGEAL CANCER - FAST FACTS OREGON

	Total	Male	Female
CANCER INCIDENCE			
Total Cancer Cases (2004)	204	160	44
RATES (2004)			
Oregon Crude Rate	5.7	9.0	2.4
Oregon Age-adjusted Rate	5.4	9.4	2.1
US Age-adjusted Rate ¹	-2.0	-0.1	-9.2
TRENDS (2000-2004) - APC			
Oregon Annual Trend	-1.9	-0.1	-8.7
US Annual Trend ¹	+0.2	+0.1	0.0
CANCER MORTALITY			
Total Cancer Deaths (2004)	205	161	44
RATES (2004)			
Oregon Crude Rate	5.7	9	2.4
Oregon Age-adjusted Rate	5.5	9.6	2.2
US Age-Adjusted Rate ²	4.4	7.7	1.7
TRENDS (2000-2004) - APC			
Oregon Annual Trend	+1.0	+0.4	+1.7
US Annual Trend ²	-0.3	-0.1	*-1.5
PROGNOSIS AND BURDEN (2000-2004)			
Prognosis: M/I Ratio	0.93	0.95	0.85
Burden: YPLL	563	469	94

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.

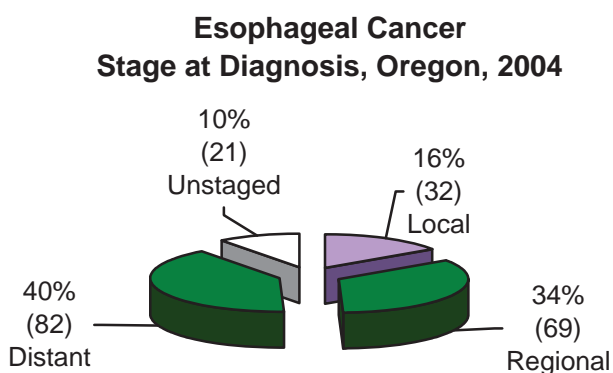
In 2004, 204 esophageal cancers were diagnosed among Oregonians and reported to the central registry. Median age at diagnosis was 70. During the same time period, 205 Oregonians died due to esophageal cancer. Median age at death was 72.

About 16 percent of esophageal cancers were diagnosed at the local stage and 74 percent were diagnosed at the regional or distant stage.

The age-adjusted incidence rate of esophageal cancer in 2004 was 5 per 100,000 and the mortality rate was 6 per 100,000. Men had higher incidence and mortality rates than women. Among men, the incidence rate was 9 per 100,000 and among women the rate was 2 per 100,000. The mortality rate among men was 10 per 100,000 and among women was 2 per 100,000.

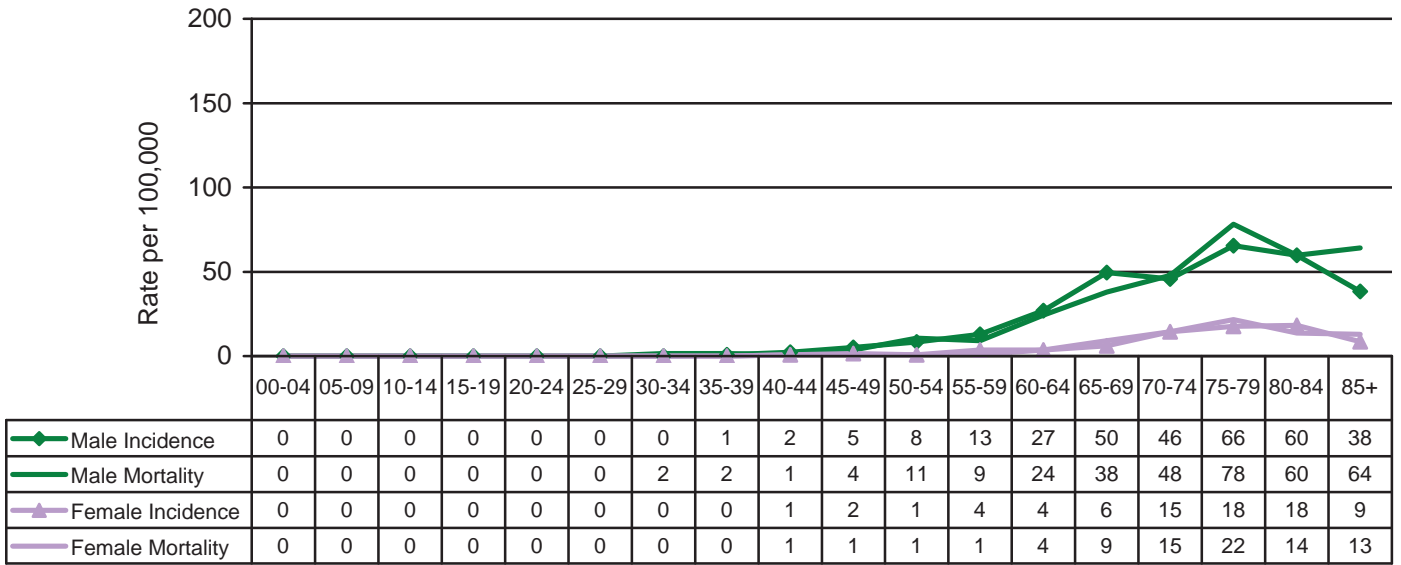
During the period 2000-2004, there were 93 deaths for every 100 diagnoses of esophageal cancer. Based on a life expectancy of 65 years, a total of 563 years of life were lost due to early deaths from esophageal cancer.

Regionally, esophageal cancer incidence was highest in the Columbia River Gorge and north central Oregon. Mortality from esophageal cancer was highest along the north and south coast, and the central and northeast regions of the state. [See Esophageal Cancer maps.](#)

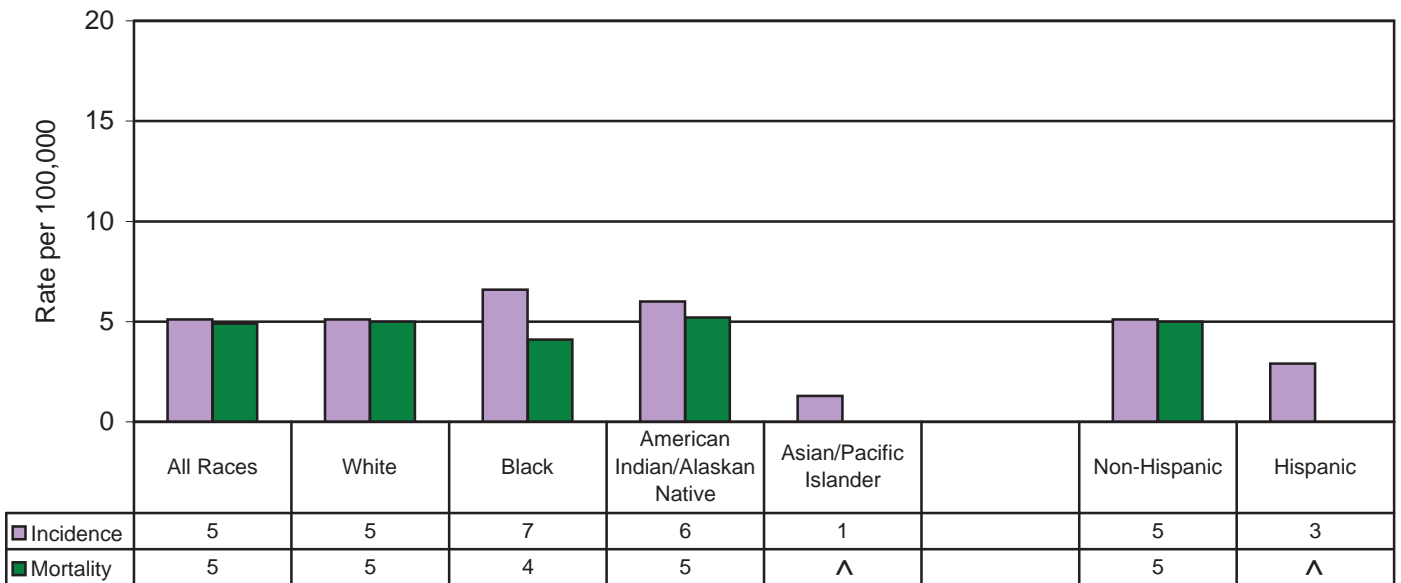


Esophageal Cancer

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



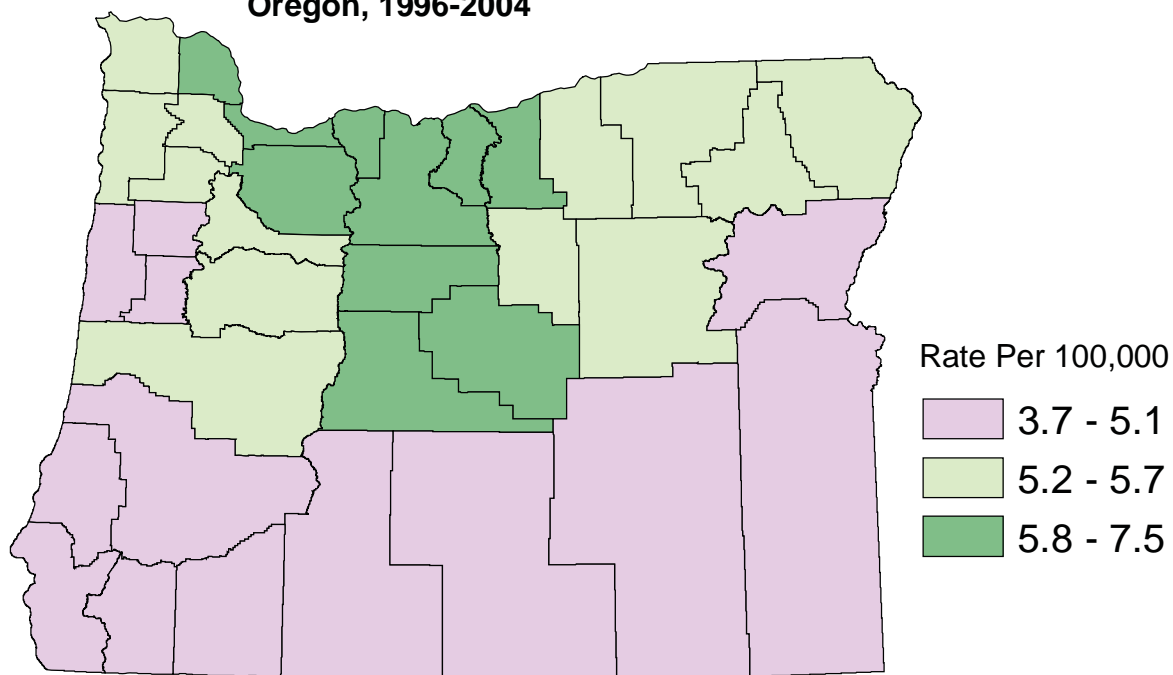
**Esophageal Cancer Incidence and Mortality Rates,
by Race and Ethnicity, Oregon, 1996-2004**



^ Rate not calculated due to instability of small numbers

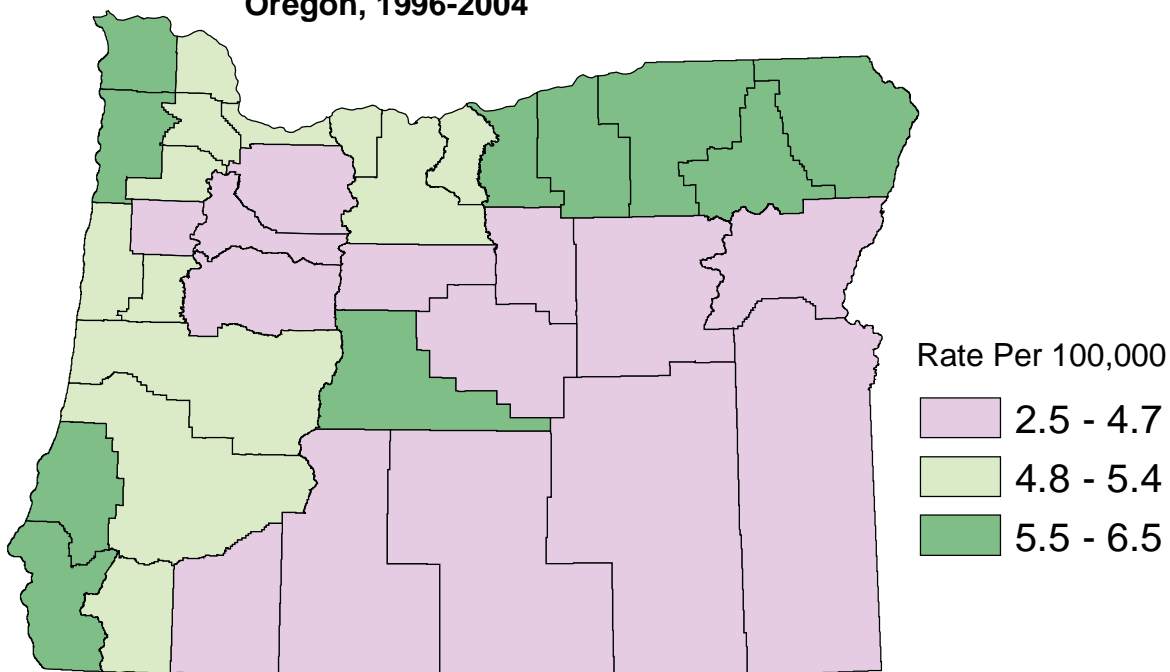
Esophageal Cancer

Esophageal Cancer Incidence: Oregon, 1996-2004



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

Esophageal Cancer Mortality: Oregon, 1996-2004



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

Esophageal Cancer

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

ESOPHAGUS 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	181	5.1	+3.2	173	4.9	+2.4
Baker	1	^	^	1	^	^
Benton	2	3.7	^	2	3.7	^
Clackamas	15	4.7	+4.8	15	4.6	+6.6
Clatsop	2	4.5	^	3	6.3	^
Columbia	3	6.4	^	2	5.4	^
Coos	7	H 7.7	^	6	6.6	^
Crook	1	^	^	1	^	^
Curry	2	5.8	^	2	6.1	^
Deschutes	9	H 7.6	^	8	6.5	^
Douglas	7	4.8	^	6	4.5	^
Gilliam	0	^	^	0	^	^
Grant	1	^	^	0	^	^
Harney	0	^	^	0	^	^
Hood River	1	^	^	1	^	^
Jackson	11	4.8	+2.0	8	3.8	^
Jefferson	1	^	^	1	^	^
Josephine	5	4.5	^	6	5.1	^
Klamath	4	4.8	^	3	4.4	^
Lake	1	^	^	0	^	^
Lane	19	5.4	+3.1	17	4.9	+4.8
Lincoln	3	5.3	^	4	6.2	^
Linn	6	5.1	^	6	5.4	^
Malheur	1	^	^	1	^	^
Marion	14	5.0	+4.4	14	5.0	+2.6
Morrow	1	^	^	1	^	^
Multnomah	32	5.3	+4.8	31	5.0	+2.6
Polk	3	4.5	^	3	3.8	^
Sherman	0	^	^	0	^	^
Tillamook	2	7.2	^	2	6.5	^
Umatilla	4	5.8	^	4	5.5	^
Union	1	^	^	1	^	^
Wallowa	0	^	^	0	^	^
Wasco	2	6.0	^	2	5.2	^
Washington	15	4.3	+2.9	16	4.7	+1.8
Wheeler	0	^	^	0	^	^
Yamhill	4	5.0	^	4	4.7	^

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).