

# Lymphoma

## LYMPHOMA - FAST FACTS OREGON

	Total	Male	Female
<b>CANCER INCIDENCE</b>			
<b>Total Cancer Cases (2004)</b>	<b>908</b>	<b>514</b>	<b>394</b>
<b>RATES (2004)</b>			
Oregon Crude Rate	25.3	28.8	21.8
Oregon Age-adjusted Rate	24.0	29.8	19.3
US Age-adjusted Rate <sup>1</sup>	22.2	26.2	19.0
<b>TRENDS (2000-2004) - APC</b>			
Oregon Annual Trend	+1.3	+2.2	+0.4
US Annual Trend <sup>1</sup>	+0.2	-0.1	*+0.7
<b>CANCER MORTALITY</b>			
<b>Total Cancer Deaths (2004)</b>	<b>327</b>	<b>188</b>	<b>139</b>
<b>RATES (2004)</b>			
Oregon Crude Rate	9.1	10.5	7.7
Oregon Age-adjusted Rate	8.5	11.6	6.2
US Age-Adjusted Rate <sup>2</sup>	7.5	9.4	6.0
<b>TRENDS (2000-2004) - APC</b>			
Oregon Annual Trend	-1.5	+0.9	-5.1
US Annual Trend <sup>2</sup>	*-3.5	*-3.3	*-4.0
<b>PROGNOSIS AND BURDEN (2000-2004)</b>			
Prognosis: M/I Ratio	0.39	0.38	0.40
Burden: YPLL	1,068	669	399

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.

<sup>1</sup> SEER 17 Registry Data, SEERStat 6.3.5.

<sup>2</sup> 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.

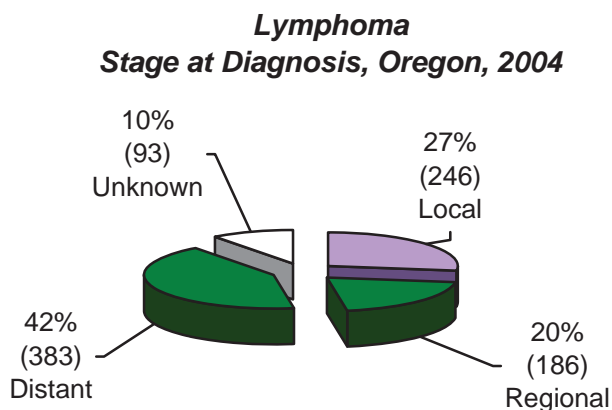
Among Oregon residents, 908 cases of lymphoma were diagnosed in 2004 and reported to the central registry. Median age at diagnosis was 66. During the same time period, 327 Oregonians died due to lymphoma. Median age at death was 76.

The age-adjusted incidence of lymphoma in 2004 was 24 cases per 100,000 population. Among men, incidence was 30 per 100,000 and among women 19 per 100,000.

The age-adjusted mortality rate due to lymphoma was 9 per 100,000. Among men, the mortality rate was 12 per 100,000 and among women it was 6 per 100,000.

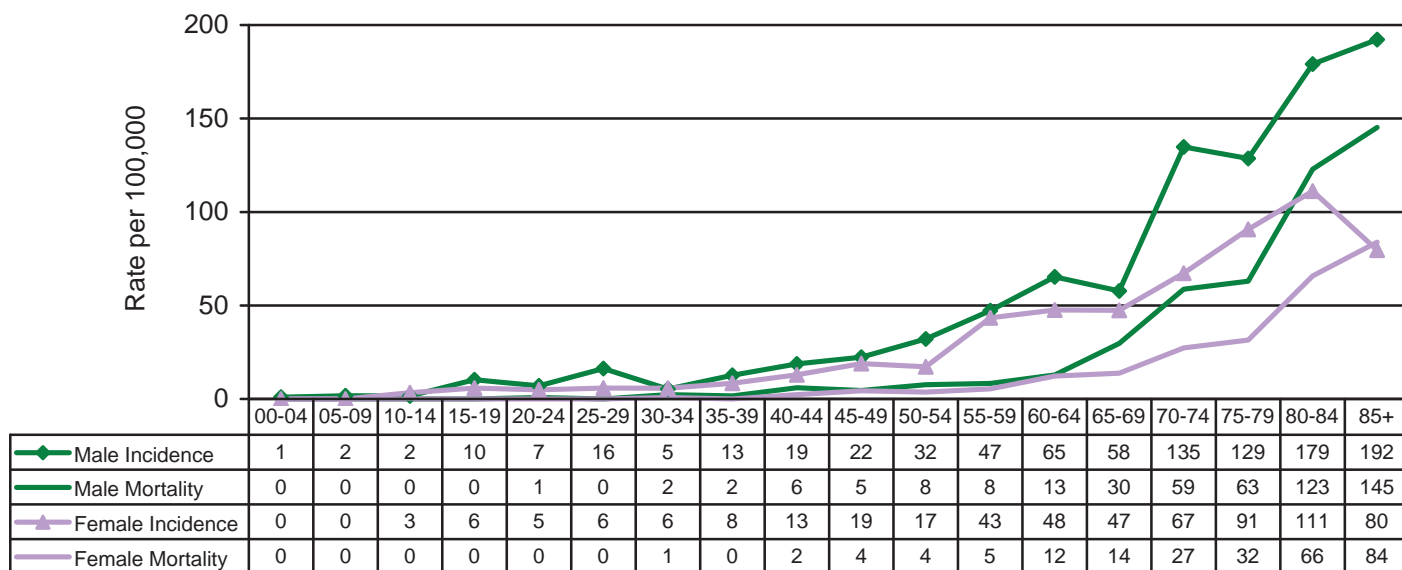
During the period 2000-2004, the mortality to incidence ratio was 0.39, meaning there were about two deaths for every five new lymphoma diagnoses. Based on a life expectancy of 65 years, a total of 1,068 years of life were lost due to early deaths from lymphoma.

Regionally, lymphoma incidence was highest in the Cascades, the north Willamette Valley, and central Oregon. Lymphoma mortality was highest in eastern and north central Oregon. [See Lymphoma maps.](#)

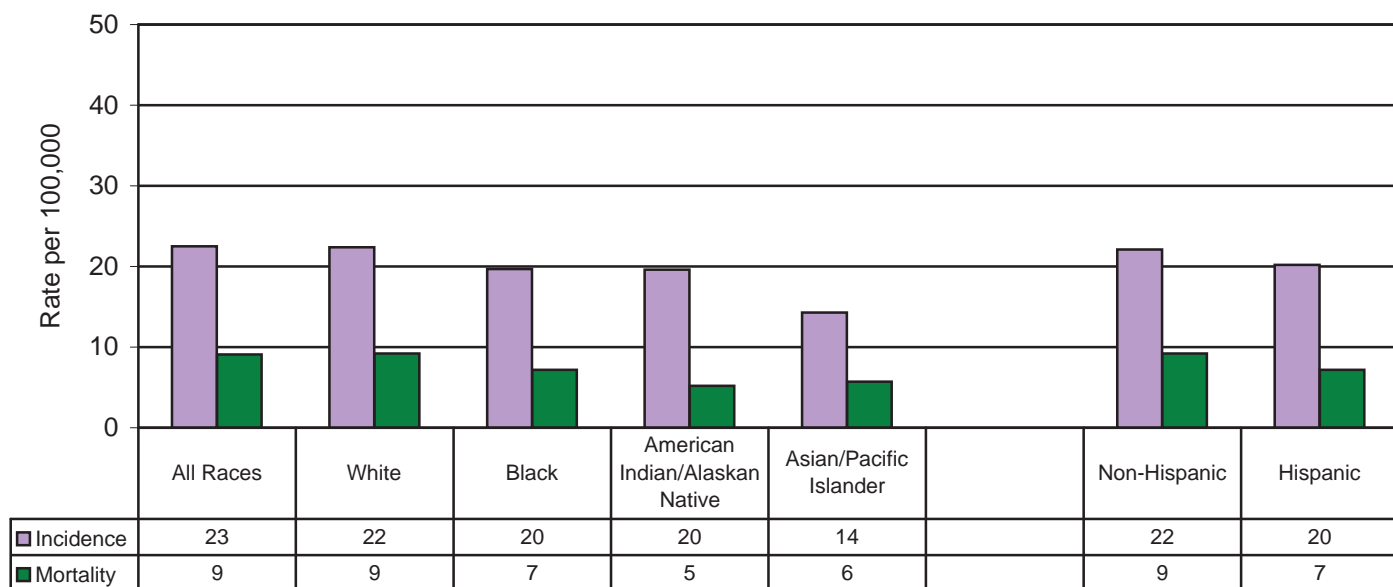


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**Lymphoma Incidence and Mortality Rates,  
by Age Group and Sex, Oregon, 2004**

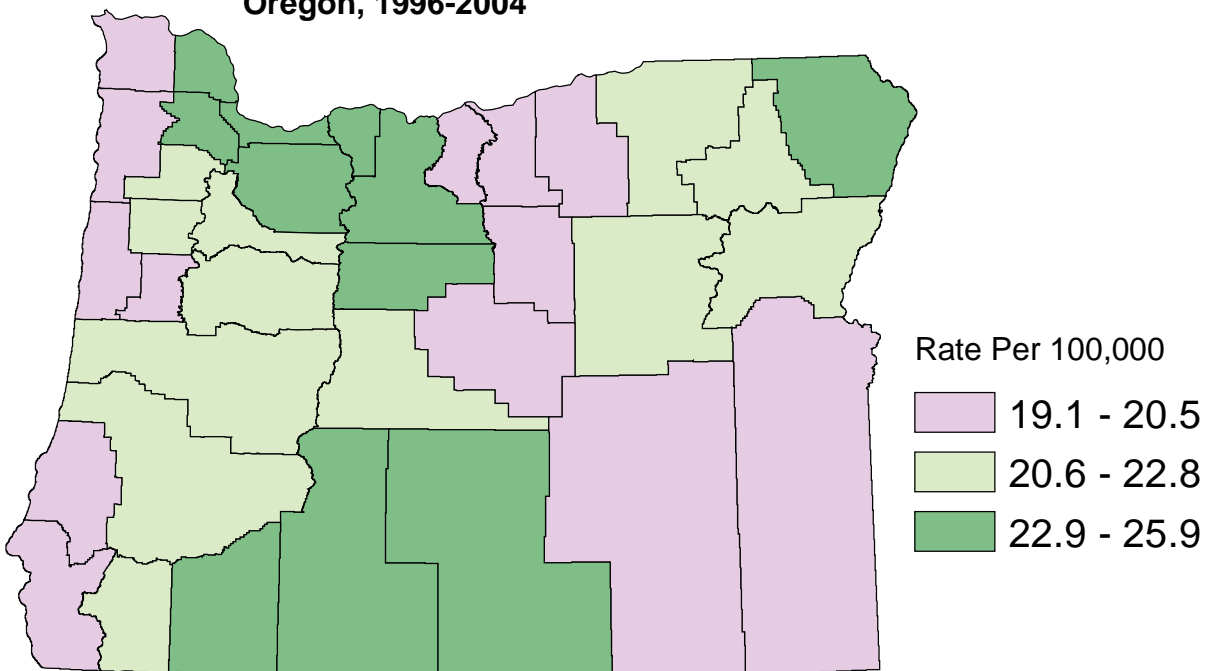


**Lymphoma Incidence and Mortality Rates,  
by Race and Ethnicity, Oregon, 1996-2004**



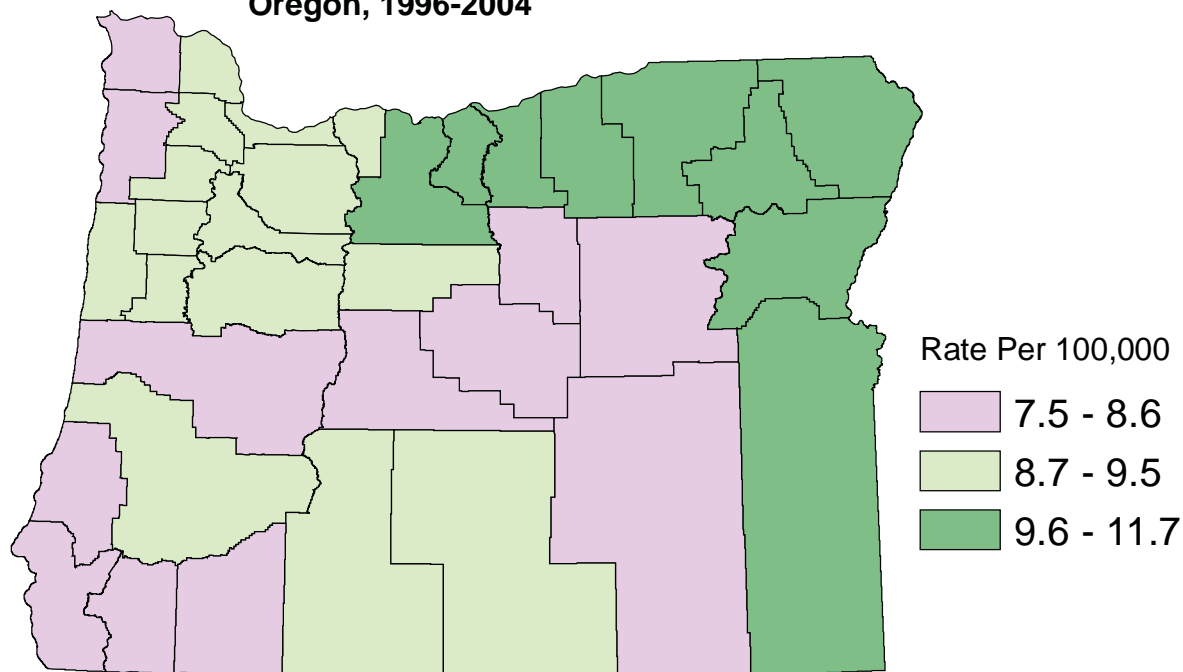
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## Lymphoma Incidence: Oregon, 1996-2004



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

## Lymphoma Mortality: Oregon, 1996-2004



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

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**Lymphoma Incidence and Mortality Rates, by County, 1996-2004 Average**

LYMPHOMA 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
<b>STATE</b>	<b>794</b>	<b>22.5</b>	<b>+1.7</b>	<b>326</b>	<b>9.1</b>	<b>-1.0</b>
Baker	5	21.3	^	2	9.7	^
Benton	13	19.1	-4.1	5	7.1	^
Clackamas	75	22.4	-0.6	31	9.5	-2.1
Clatsop	8	19.2	^	4	8.4	^
Columbia	13	H 28.9	-1.6	5	12.3	^
Coos	21	25.2	+2.1	8	8.8	^
Crook	5	20.0	^	2	7.8	^
Curry	7	20.5	^	2	6.2	^
Deschutes	27	22.2	+4.1	10	8.2	^
Douglas	30	23.2	-3.1	12	9.1	-4.5
Gilliam	1	^	^	0	^	^
Grant	2	22.9	^	1	^	^
Harney	2	20.5	^	1	^	^
Hood River	5	24.8	^	2	8.9	^
Jackson	55	H 25.9	+6.7	17	7.5	+2.3
Jefferson	4	23.9	^	2	11.2	^
Josephine	24	22.4	+2.3	11	9.7	+0.7
Klamath	15	21.6	+10.3	7	9.9	^
Lake	3	29.5	^	1	^	^
Lane	73	21.4	+4.4	30	8.6	-1.0
Lincoln	12	20.4	+6.5	7	10.8	^
Linn	21	18.6	+3.9	12	9.8	+1.8
Malheur	6	19.0	^	2	7.0	^
Marion	62	22.0	+1.1	27	9.3	+2.4
Morrow	2	19.1	^	1	^	^
Multnomah	148	23.2	-0.6	60	9.5	-3.5
Polk	16	22.8	+5.1	8	10.2	^
Sherman	0	^	^	0	^	^
Tillamook	6	17.8	^	3	7.0	^
Umatilla	14	21.0	+3.9	7	10.4	^
Union	6	21.6	^	3	9.5	^
Wallowa	2	22.9	^	1	^	^
Wasco	8	28.5	^	4	11.7	^
Washington	88	23.0	+0.3	33	9.5	-1.6
Wheeler	0	^	^	0	^	^
Yamhill	18	21.7	+2.9	8	9.1	^

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).