

Lymphoma

LYMPHOMA - FAST FACTS OREGON

	Total	Male	Female
CANCER INCIDENCE			
Total Cancer Cases (2005)	911	467	444
RATES			
Oregon Crude Rate (2005)	25.0	25.8	24.3
Oregon Age-adjusted Rate (2005)	23.6	26.5	21.4
US Age-adjusted Rate (2004) ¹	21.7	25.7	18.6
TRENDS - APC			
Oregon Annual Trend (2001-2005)	+1.6	+2.1	+1.5
CANCER MORTALITY			
Total Cancer Deaths (2005)	336	167	169
RATES			
Oregon Crude Rate (2005)	9.2	9.2	9.2
Oregon Age-adjusted Rate (2005)	8.5	9.9	7.4
US Age-Adjusted Rate (2004) ²	7.5	9.4	6.0
TRENDS - APC			
Oregon Annual Trend (2001-2005)	-2.4	-1.2	-4.1
US Annual Trend (2000-2004) ²	*-3.5	*-3.3	*-4.0
PROGNOSIS AND BURDEN			
Prognosis: M/I Ratio (2001-2005)	0.39	0.38	0.39
Burden: YPLL (2001-2005)	1,182	712	470

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.

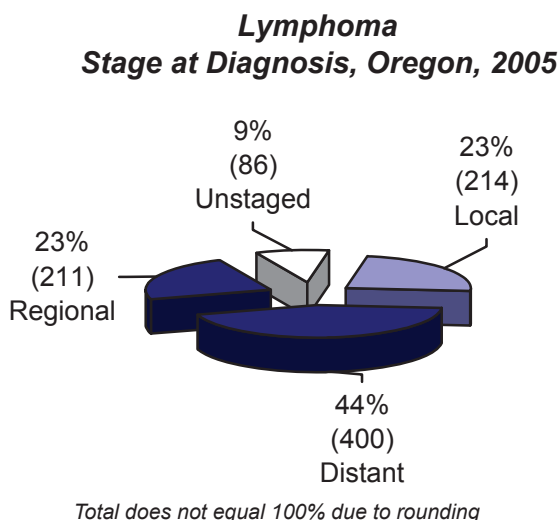
Among Oregon residents, 911 lymphomas were diagnosed in 2005 and reported to the central registry. Median age at diagnosis was 63. During the same year, 336 Oregonians died due to lymphoma. Median age at death was 72.

The age-adjusted incidence of lymphoma in 2005 was 24 cases per 100,000 population. Among men, incidence was 27 per 100,000 and among women 21 per 100,000.

The age-adjusted mortality rate for lymphoma was 9 per 100,000. Among men, the mortality rate was 10 per 100,000 and among women 7 per 100,000.

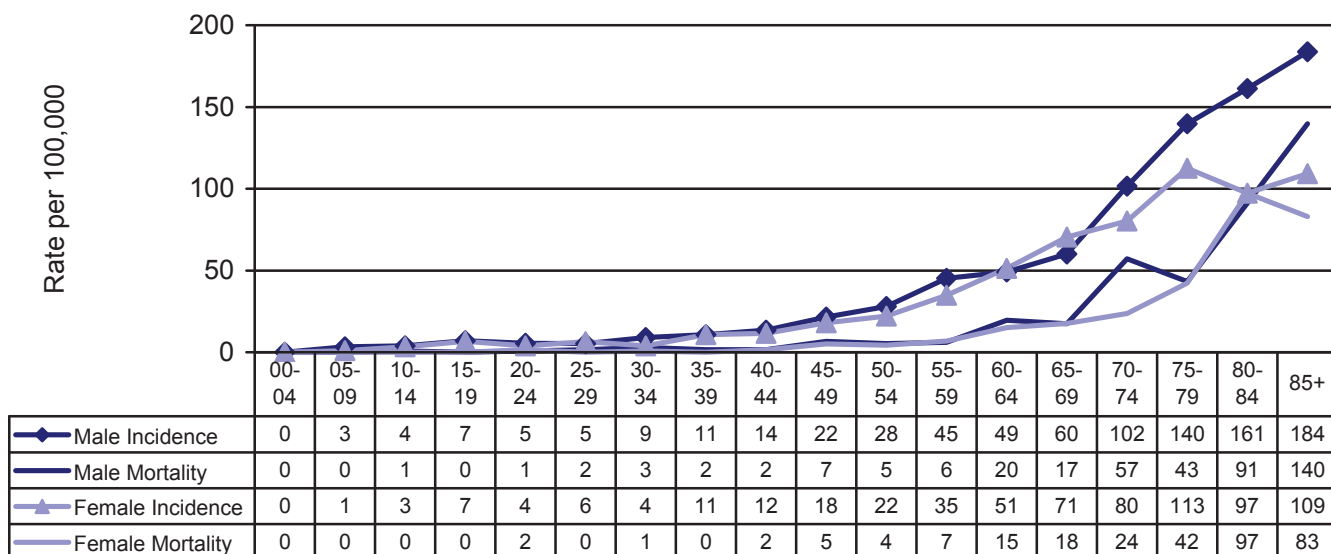
During the period 2001-2005, the mortality-to-incidence ratio was 0.39, meaning there were about two deaths for every five new lymphoma diagnoses. Based on a life expectancy of 65 years, a total of 1,182 years of life were lost annually due to early deaths from lymphoma.

For the period 1996-2005, lymphoma incidence was significantly higher in Jackson county than it was for the state as a whole. Lymphoma mortality was not significantly higher or lower in any portion of the state. During the same period, the incidence rate for lymphoma increased significantly for the state as a whole, as well as for Deschutes, Jackson, Josephine, Klamath, Lane, and Linn counties. See Lymphoma maps.

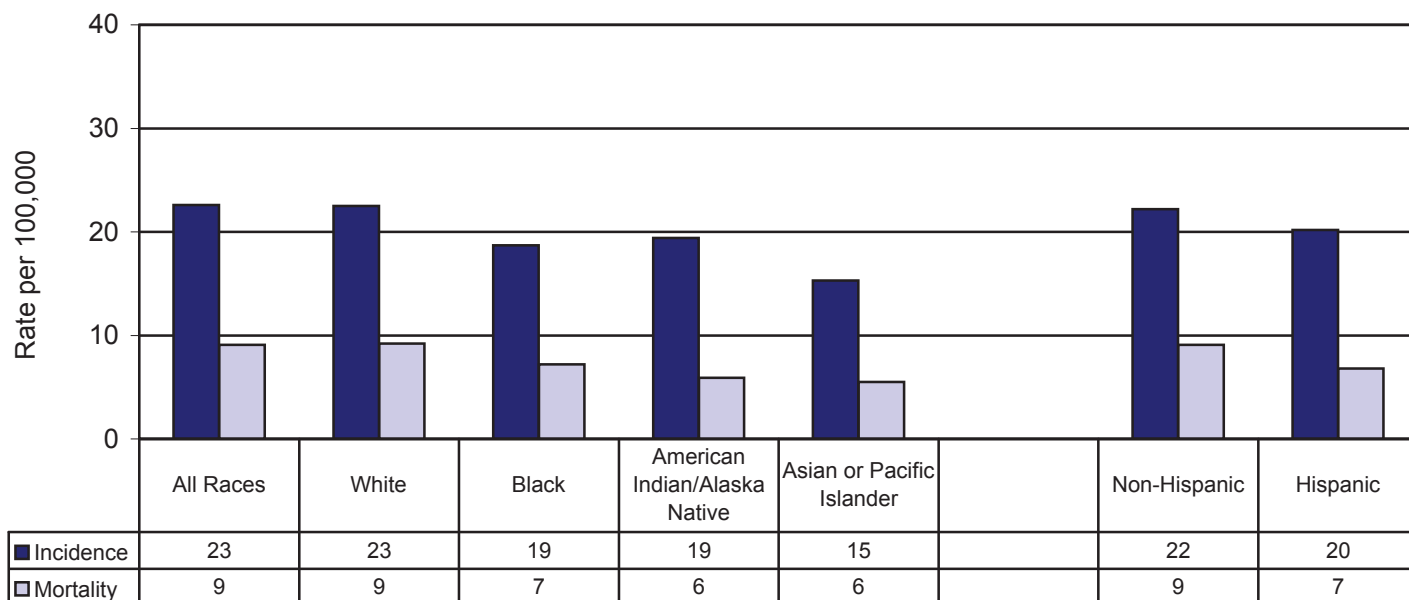


Lymphoma

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



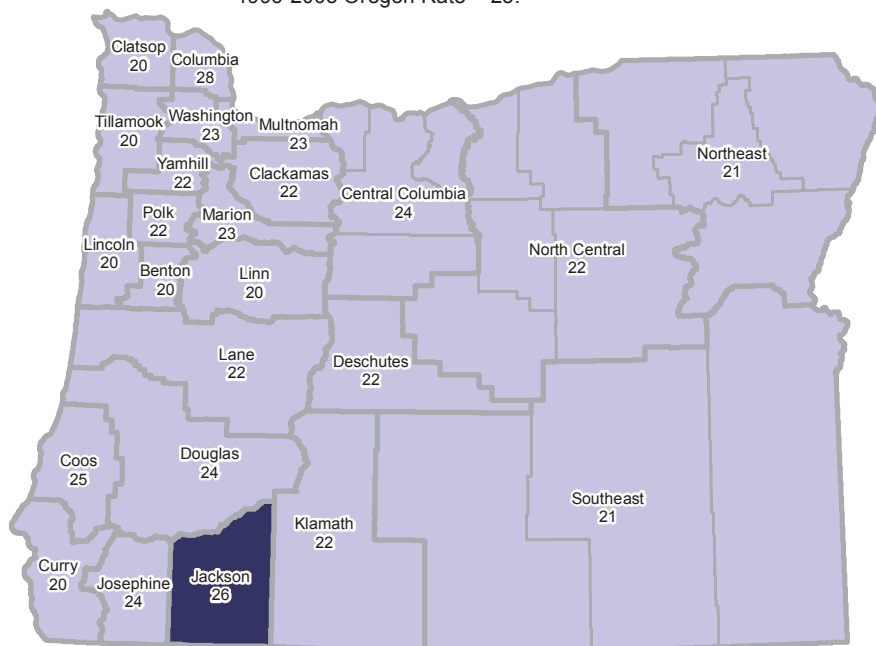
**Lymphoma Incidence and Mortality Rates,
by Race and Ethnicity, Oregon, 1996-2005**



Lymphoma

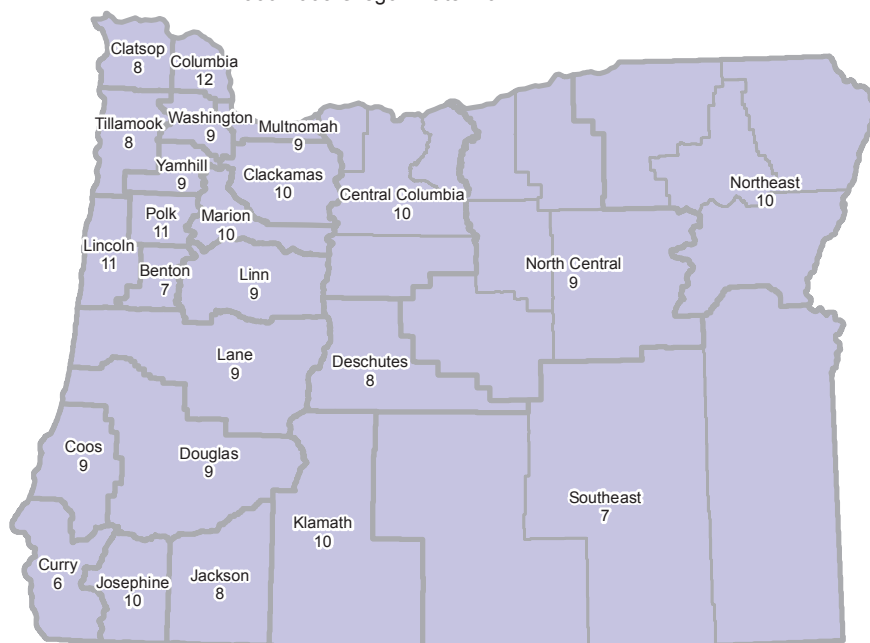
Rates of Lymphoma Incidence, 1996-2005

1996-2005 Oregon Rate = 23.



Rates of Lymphoma Mortality, 1996-2005

1996-2005 Oregon Rate = 9.



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

Lymphoma

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

LYMPHOMA	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	806	22.6	1.5 *	327	9.1	-2.4
Baker	5	21.2	^	3	10.6	^
Benton	14	19.5	-2.4	5	6.9	^
Clackamas	76	22.2	-1.3	32	9.6	1.1
Clatsop	8	19.6	^	4	8.4	^
Columbia	12	27.7	-2.4	5	11.9	^
Coos	21	25.0	-0.1	8	8.7	^
Crook	5	21.8	^	2	7.4	^
Curry	6	19.7	^	3	6.2	^
Deschutes	28	22.5	4.0 *	10	7.9	^
Douglas	31	24.0	-0.6	12	8.9	1.1
Gilliam	1	^	^	0	^	^
Grant	2	22.8	^	1	^	^
Harney	2	19.5	^	1	^	^
Hood River	5	23.2	^	2	8.4	^
Jackson	57	26.5 H	5.5 *	18	7.7	2.5
Jefferson	4	21.1	^	2	10.3	^
Josephine	25	23.7	4.9 *	11	9.6	2.2
Klamath	16	22.1	8.2 *	7	9.8	^
Lake	3	30.3	^	1	^	^
Lane	75	21.8	4.4 *	31	8.8	5.1
Lincoln	12	20.1	3.8	7	10.8	^
Linn	23	19.7	5.4 *	11	9.4	-5.0
Malheur	6	19.0	^	2	6.3	^
Marion	64	22.7	2.5	27	9.5	1.6
Morrow	2	24.2	^	1	14.0	^
Multnomah	147	23.0	-1.0	59	9.3	-7.4
Polk	16	22.4	2.6	8	10.8	^
Sherman	0	^	^	0	^	^
Tillamook	6	19.7	^	3	7.7	^
Umatilla	14	20.6	5.2	7	9.7	^
Union	6	20.9	^	3	10.5	^
Wallowa	2	22.6	^	1	^	^
Wasco	8	28.0	^	3	10.8	^
Washington	88	22.8	0.0	32	9.2	-9.4
Wheeler	0	^	^	0	^	^
Yamhill	18	21.9	4.0	8	8.9	^

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.