

Melanoma of the Skin

MELANOMA OF THE SKIN - FAST FACTS OREGON

	Total	Male	Female
CANCER INCIDENCE			
Total Cancer Cases (2005)	1,895	978	917
RATES			
Oregon Crude Rate (2005)	28.3	30.5	26.1
Oregon Age-adjusted Rate (2005)	26.5	30.5	23.8
US Age-adjusted Rate (2004) ¹	17.1	21.5	14.0
TRENDS - APC			
Oregon Annual Trend (2001-2005)	+3.2	+2.0	+4.3
CANCER MORTALITY			
Total Cancer Deaths (2005)	117	83	34
RATES			
Oregon Crude Rate (2005)	3.2	4.6	1.9
Oregon Age-adjusted Rate (2005)	3.1	4.8	1.7
US Age-Adjusted Rate (2004) ²	2.7	3.9	1.7
TRENDS - APC			
Oregon Annual Trend (2001-2005)	-1.6	-1.8	-0.8
US Annual Trend (2000-2004) ²	0.0	+0.7	*-1.3
PROGNOSIS AND BURDEN			
Prognosis: M/I Ratio (2001-2005)	0.13	0.17	0.10
Burden: YPLL (2001-2005)	771	481	290

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, 1,895 melanomas were diagnosed in 2005 and reported to the central registry. Median age at diagnosis was 59. During the same year, 117 Oregonians died due to melanoma. Median age at death for all skin cancers was 65.

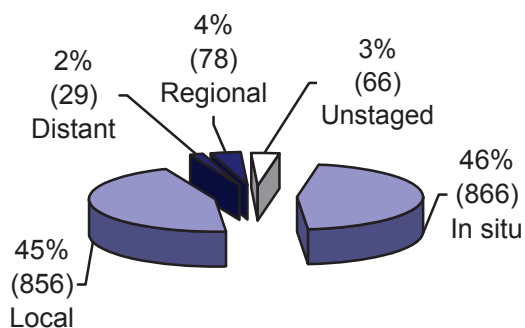
Most melanomas (91 percent) were diagnosed at the in situ or local stage when very treatable.

The age-adjusted incidence rate of melanoma in 2005 was 27 per 100,000. Among men, the incidence rate was 3 per 100,000 and among women the rate was 24 per 100,000. The age-adjusted mortality rate of melanoma in 2005 was 3 per 100,000. Among men, the mortality rate was 5 per 100,000 and among women the rate was 2 per 100,000.

During the period 2001-2005, there were 13 deaths for every 100 melanoma diagnoses. Based on a life expectancy of 65 years, an average of 771 years of life were lost annually due to early deaths from melanoma.

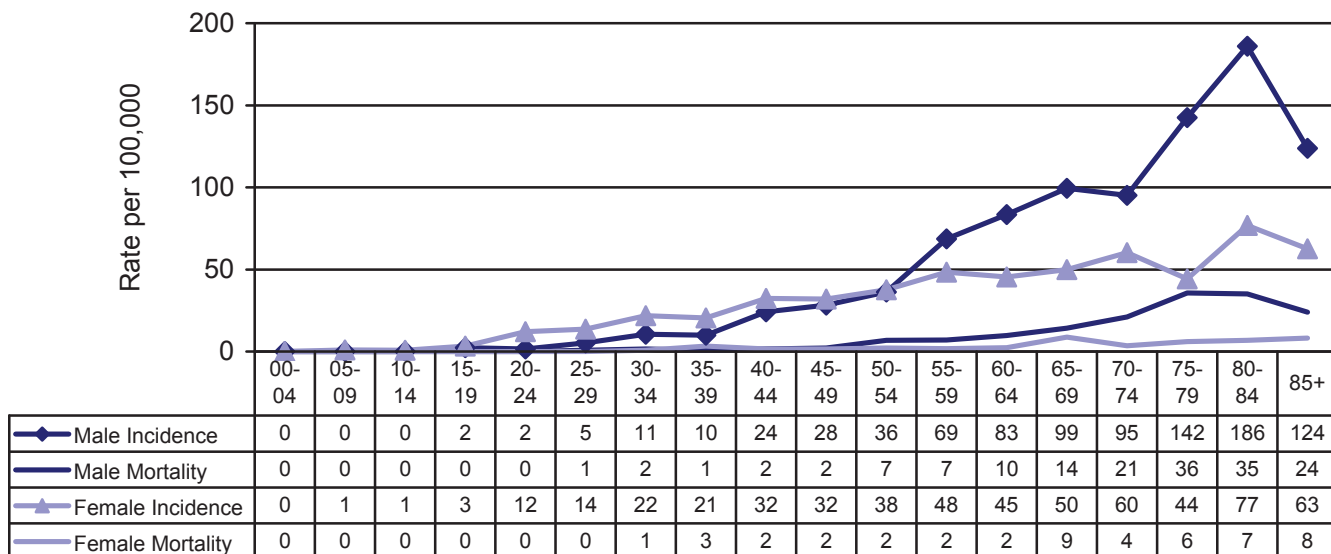
From 1996-2005, melanoma incidence was significantly higher than the state average in Clackamas, Coos, Deschutes, Douglas, and Jackson counties. Mortality was significantly higher than the state average in the north central region of the state. Incidence increased between 1996 and 2005 for the state as a whole, and for Douglas, Josephine, Marion, Multnomah, and Polk counties. See Melanoma maps.

**Melanoma of the Skin
Stage at Diagnosis, Oregon, 2005**

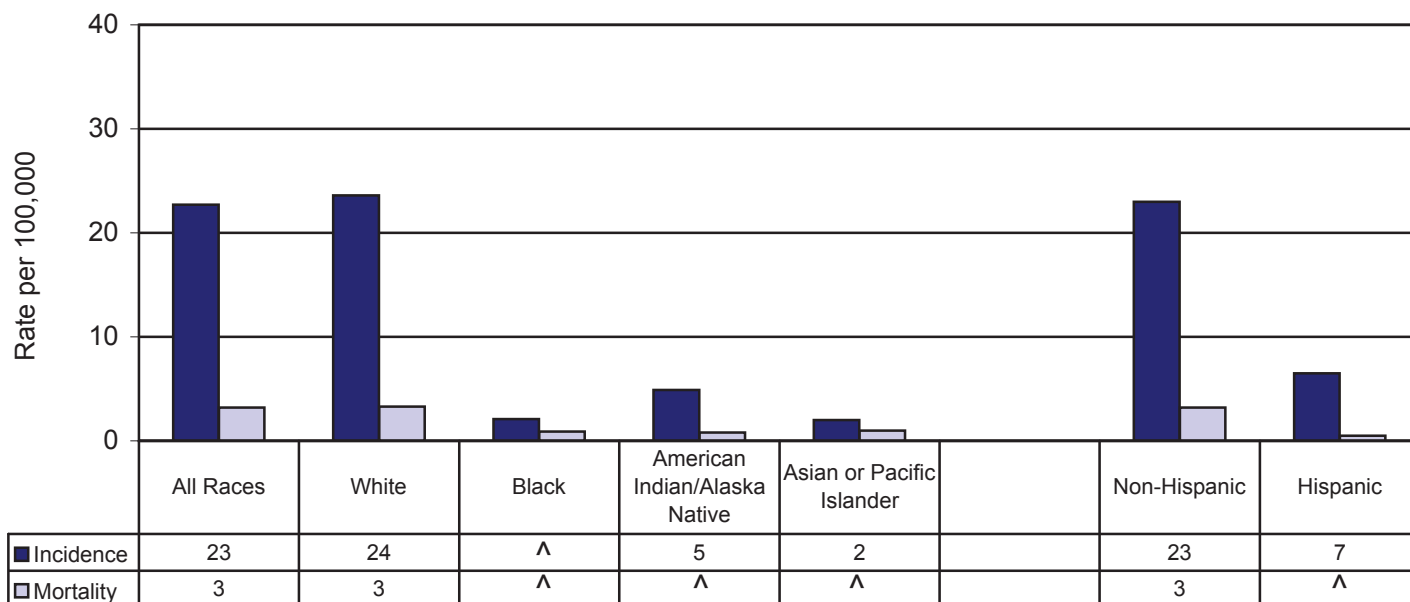


Melanoma of the Skin

**Melanoma of the Skin Incidence and Mortality Rates,
by Age Group and Sex, Oregon, 2005**



**Melanoma of the Skin Incidence and Mortality Rates,
by Race and Ethnicity, Oregon, 1996-2005**

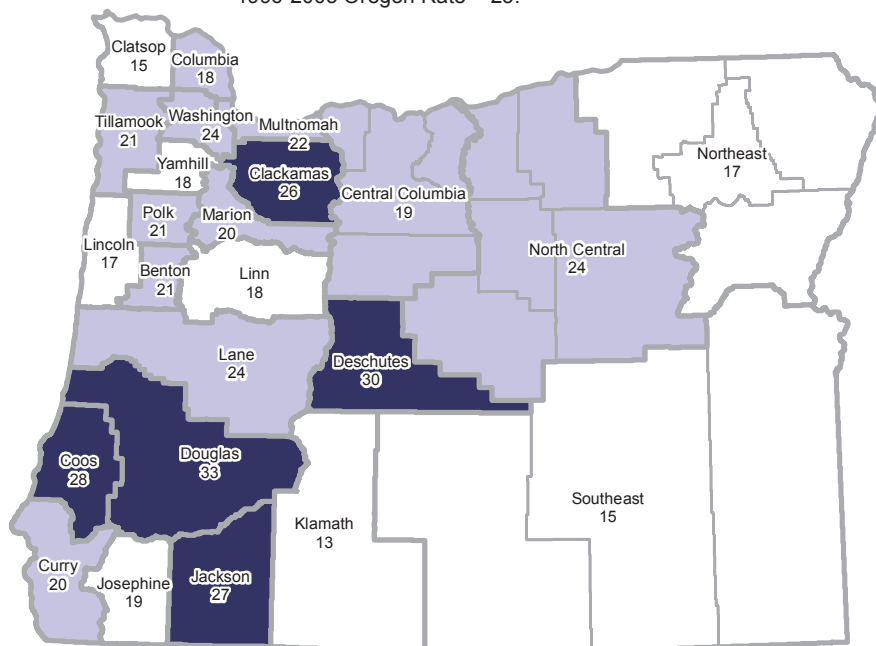


^ Rate not calculated due to instability of small numbers

Melanoma of the Skin

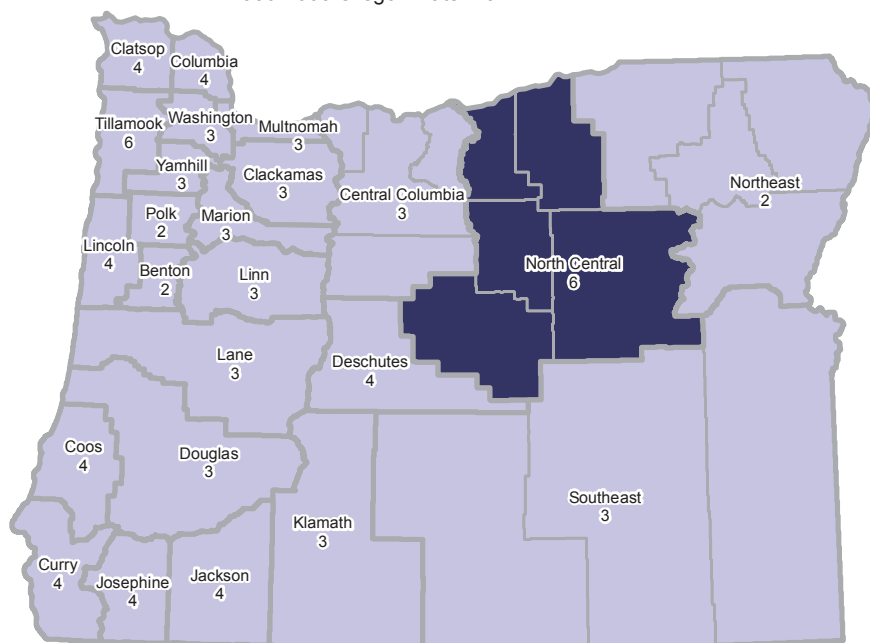
Rates of Melanoma Incidence, 1996-2005

1996-2005 Oregon Rate = 23.



Rates of Melanoma Mortality, 1996-2005

1996-2005 Oregon Rate = 3.



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

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

MELANOMA	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	808	22.7	3.3 *	113	3.2	-1.6
Baker	3	15.2	^	0	^	^
Benton	15	21.0	8.3	1	1.9	^
Clackamas	91	26.1 H	2.7	11	3.2	-9.6
Clatsop	6	14.8 *	^	2	4.0	^
Columbia	8	18.0	^	2	3.6	^
Coos	22	28.3 H	-2.5	3	3.7	^
Crook	6	27.5	^	1	^	^
Curry	6	19.7	^	1	3.7	^
Deschutes	39	30.4 H	2.1	5	4.2	^
Douglas	40	33.4 H	4.1 *	3	2.6	^
Gilliam	1	^	^	0	^	^
Grant	1	14.8	^	1	^	^
Harney	1	17.3	^	0	^	^
Hood River	4	20.3	^	1	^	^
Jackson	55	27.4 H	1.8	8	3.9	^
Jefferson	3	14.2 L	^	1	^	^
Josephine	18	19.0 L	5.1 *	4	4.5	^
Klamath	9	12.6 L	^	2	2.9	^
Lake	2	19.8	^	1	^	^
Lane	82	24.3	-0.7	11	3.3	7.5
Lincoln	9	17.2 L	^	3	4.4	^
Linn	21	18.3 L	1.0	4	3.4	^
Malheur	4	12.9 L	^	1	^	^
Marion	57	20.5	8.1 *	9	3.1	^
Morrow	3	25.9	^	1	^	^
Multnomah	142	21.5	4.7 *	18	2.8	1.0
Polk	14	21.2	11.3 *	1	1.8	^
Sherman	0	^	^	0	^	^
Tillamook	6	20.7	^	2	5.7	^
Umatilla	11	16.3 L	-0.5	2	2.6	^
Union	5	18.8	^	1	^	^
Wallowa	2	19.2	^	0	^	^
Wasco	6	23.0	^	1	^	^
Washington	100	24.5	2.8	11	3.0	-5.6
Wheeler	0	^	^	0	^	^
Yamhill	15	18.2 L	4.1	3	3.4	^

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.