

## Melanoma of the Skin

### MELANOMA OF THE SKIN - FAST FACTS OREGON

	Total	Male	Female
<b>CANCER INCIDENCE</b>			
<b>Total Cancer Cases (2004)</b>	<b>1,899</b>	<b>994</b>	<b>905</b>
<b>RATES (2004)</b>			
Oregon Crude Rate	27.2	28.5	25.8
Oregon Age-adjusted Rate	26.1	28.7	24.6
US Age-adjusted Rate <sup>1</sup>	19.4	24.8	15.6
<b>TRENDS (2000-2004) - APC</b>			
Oregon Annual Trend	+1.2	+0.3	+1.9
US Annual Trend <sup>1</sup>	+1.5	+1.4	+1.5
<b>CANCER MORTALITY</b>			
<b>Total Cancer Deaths (2004)</b>	<b>120</b>	<b>74</b>	<b>46</b>
<b>RATES (2004)</b>			
Oregon Crude Rate	3.3	4.1	2.5
Oregon Age-adjusted Rate	3.1	4.4	2.2
US Age-Adjusted Rate <sup>2</sup>	2.7	3.9	1.7
<b>TRENDS (2000-2004) - APC</b>			
Oregon Annual Trend	+1.0	+1.3	+0.6
US Annual Trend <sup>2</sup>	0.0	+0.7	*-1.3
<b>PROGNOSIS AND BURDEN (2000-2004)</b>			
Prognosis: M/I Ratio	0.14	0.17	0.11
Burden: YPLL	781	505	277

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, 1,899 melanomas were diagnosed in 2004 and reported to the central registry. Median age at diagnosis was 57. During the same time period, 120 Oregonians died due to melanoma. Median age at death was 81.

Most cases of melanoma (94 percent) were diagnosed at the *in situ* or local stage when the cancer is most treatable.

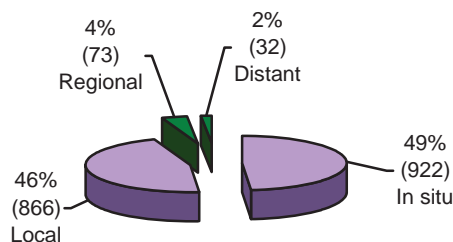
The age-adjusted incidence rate for melanoma in 2004 was 26 per 100,000. Among men, the incidence rate was 29 per 100,000 and among women the rate was 25 per 100,000.

The age-adjusted mortality rate for melanoma in 2004 was 3 per 100,000. Among men, the mortality rate was 4 per 100,000 and among women the rate was 2 per 100,000.

During the period 2000-2004, there were 14 deaths for every 100 melanoma diagnoses. Based on a life expectancy of 65 years, a total of 781 years of life were lost due to early deaths from melanoma.

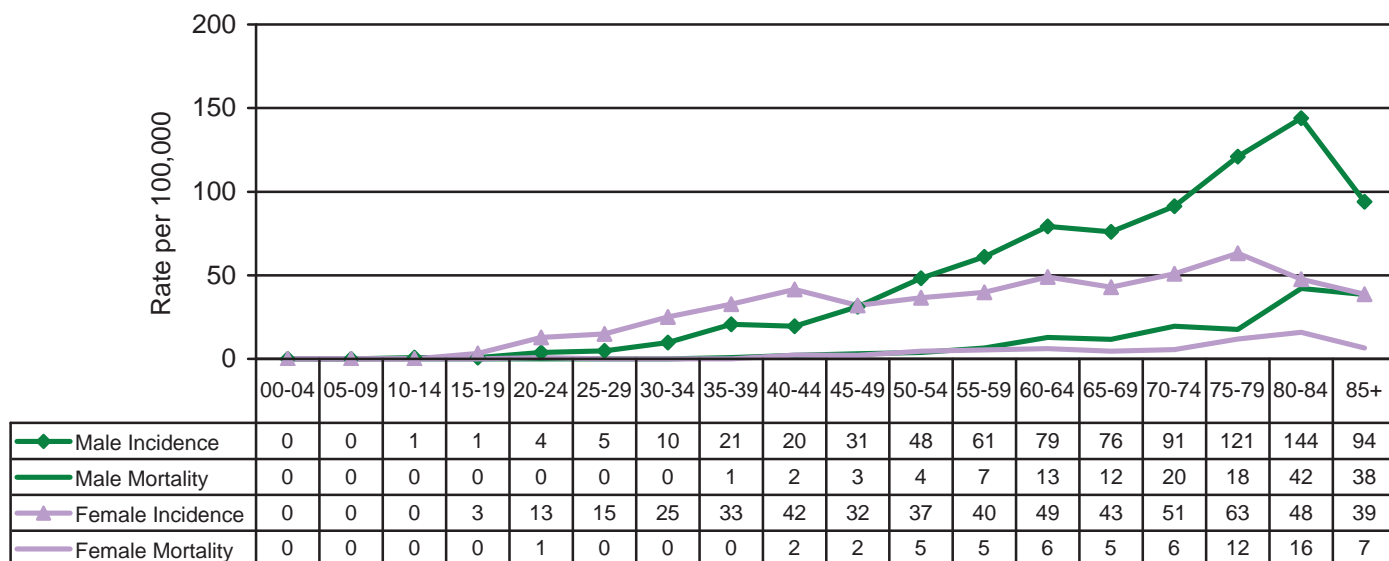
Regionally, melanoma incidence was highest in the Columbia River Gorge and areas of central and southern Oregon. Melanoma mortality was highest along the north coast and in central Oregon. [See Melanoma maps.](#)

**Melanoma of the Skin  
Stage at Diagnosis, Oregon, 2004**

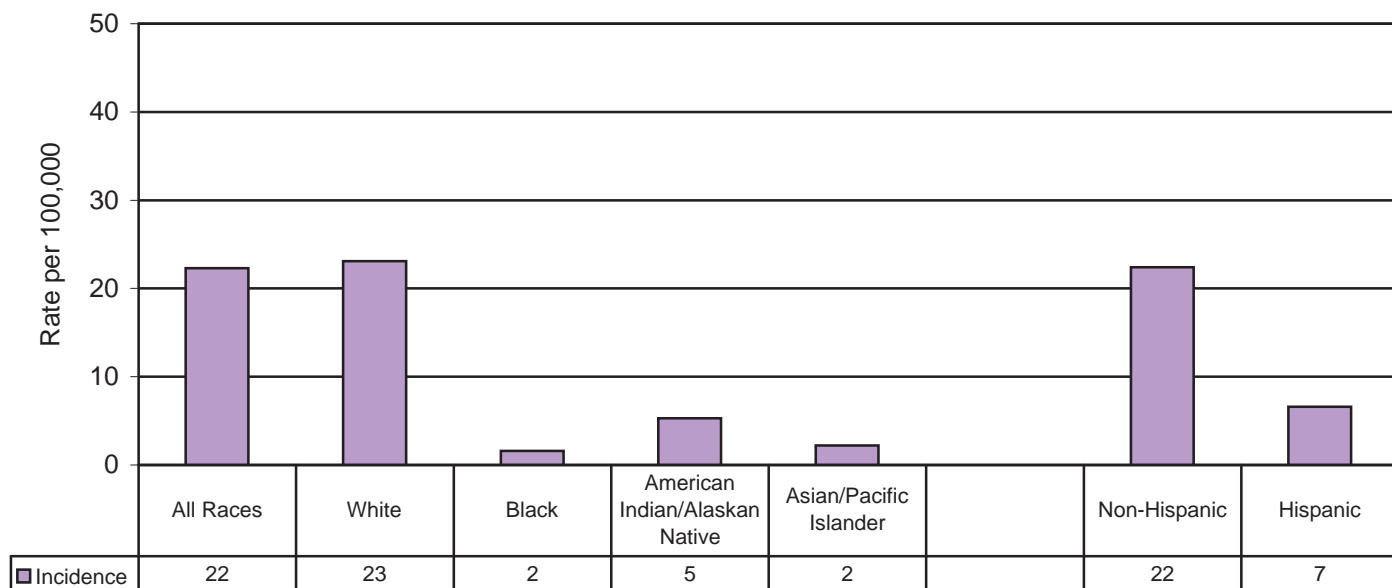


## Melanoma of the Skin

**Melanoma of the Skin Incidence and Mortality Rates,  
by Age Group and Sex, Oregon, 2004**

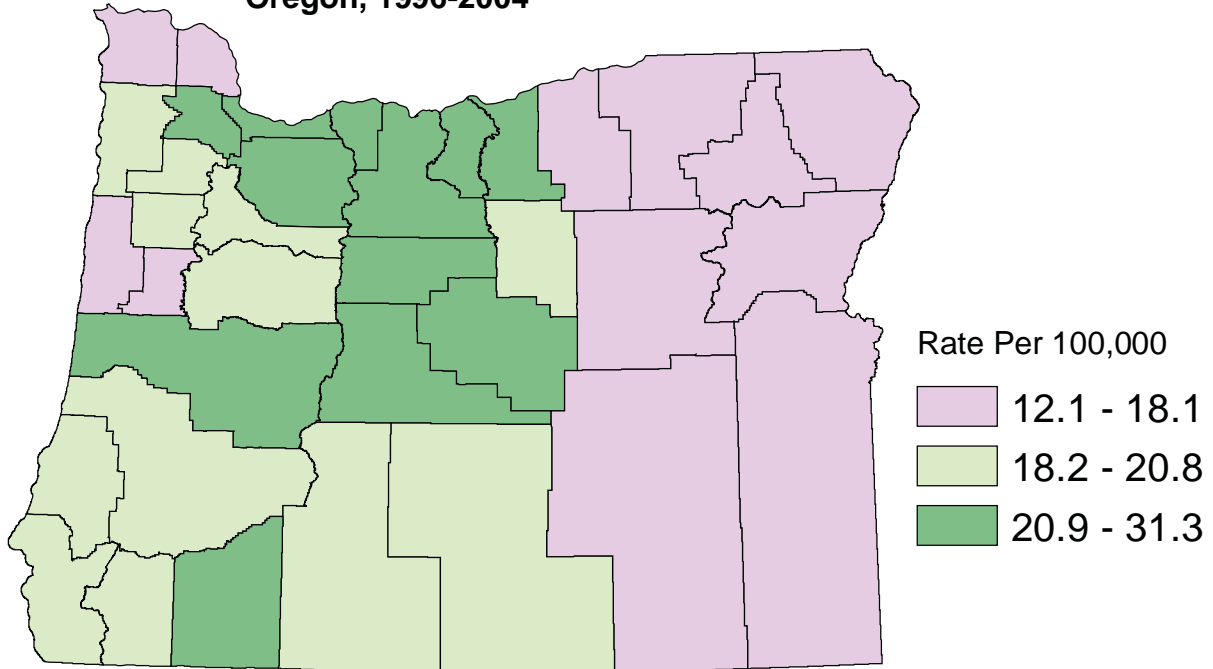


**Melanoma of the Skin Incidence Rates,  
by Race and Ethnicity, Oregon, 1996-2004**



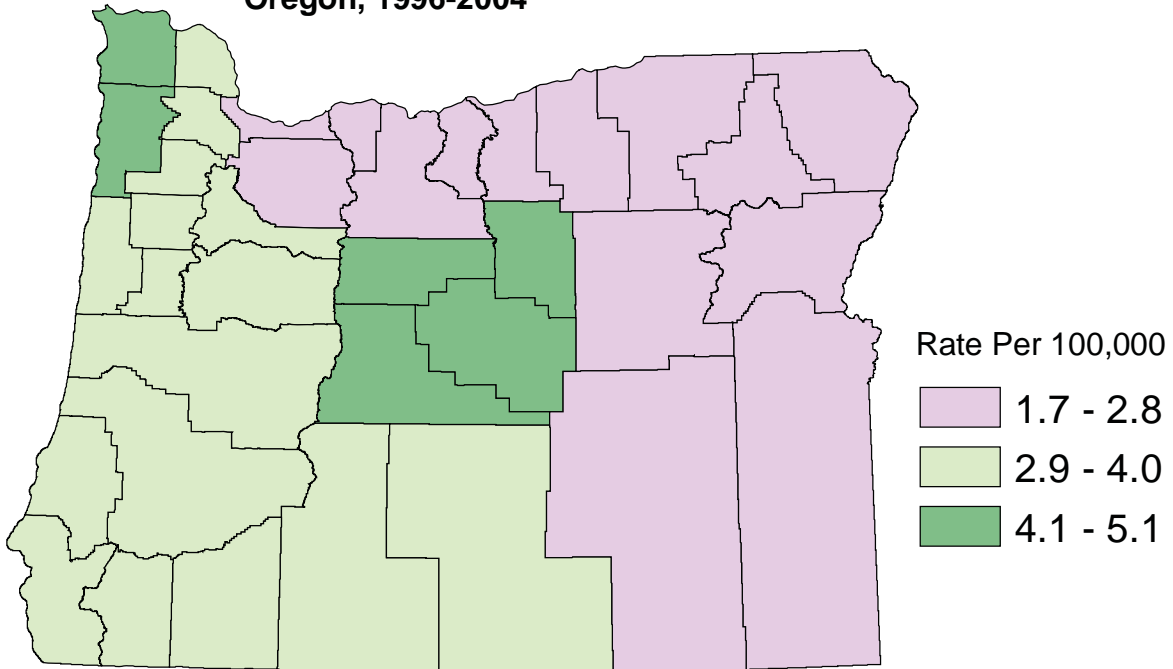
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## Melanoma Incidence: Oregon, 1996-2004



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

## Melanoma Mortality: Oregon, 1996-2004



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

## *Melanoma of the Skin*

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

MELANOMA 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>783</b>	<b>22.3</b>	<b>+3.2</b>	<b>113</b>	<b>3.2</b>	<b>+0.8</b>
Baker	3	L 14.0	^	0	^	^
Benton	14	20.6	+9.2	1	^	^
Clackamas	85	H 24.7	+0.8	11	3.2	+0.0
Clatsop	5	L 13.1	^	2	4.5	^
Columbia	8	L 16.5	^	2	3.8	^
Coos	22	H 28.8	-1.1	3	4.0	^
Crook	5	22.3	^	1	^	^
Curry	6	19.8	^	1	^	^
Deschutes	39	H 31.3	+3.0	5	4.3	^
Douglas	38	H 32.2	+3.5	3	2.6	^
Gilliam	1	^	^	0	^	^
Grant	1	^	^	1	^	^
Harney	1	^	^	0	^	^
Hood River	4	20.1	^	1	^	^
Jackson	54	H 27.2	+2.5	8	4.0	^
Jefferson	2	L 12.8	^	1	^	^
Josephine	17	18.6	+4.6	5	4.8	^
Klamath	9	L 12.3	^	2	3.1	^
Lake	2	20.8	^	0	^	^
Lane	83	H 24.7	+0.6	11	3.2	+5.4
Lincoln	9	L 16.4	^	3	4.6	^
Linn	20	L 18.1	+0.8	4	3.1	^
Malheur	4	L 12.1	^	1	^	^
Marion	56	20.3	+10.1	8	3.0	^
Morrow	2	21.5	^	1	^	^
Multnomah	137	20.9	+4.3	18	2.8	+0.6
Polk	13	19.1	+9.4	1	^	^
Sherman	0	^	^	0	^	^
Tillamook	6	21.6	^	2	5.7	^
Umatilla	12	L 16.8	+0.3	2	2.7	^
Union	5	19.7	^	1	^	^
Wallowa	2	18.1	^	0	^	^
Wasco	6	21.7	^	1	^	^
Washington	97	23.9	+2.3	11	2.9	+1.4
Wheeler	0	^	^	0	^	^
Yamhill	15	18.5	+4.3	3	3.1	^

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).