

# Putting young worker injuries on the map



WREN Conference  
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**Teens and young adults  
work**

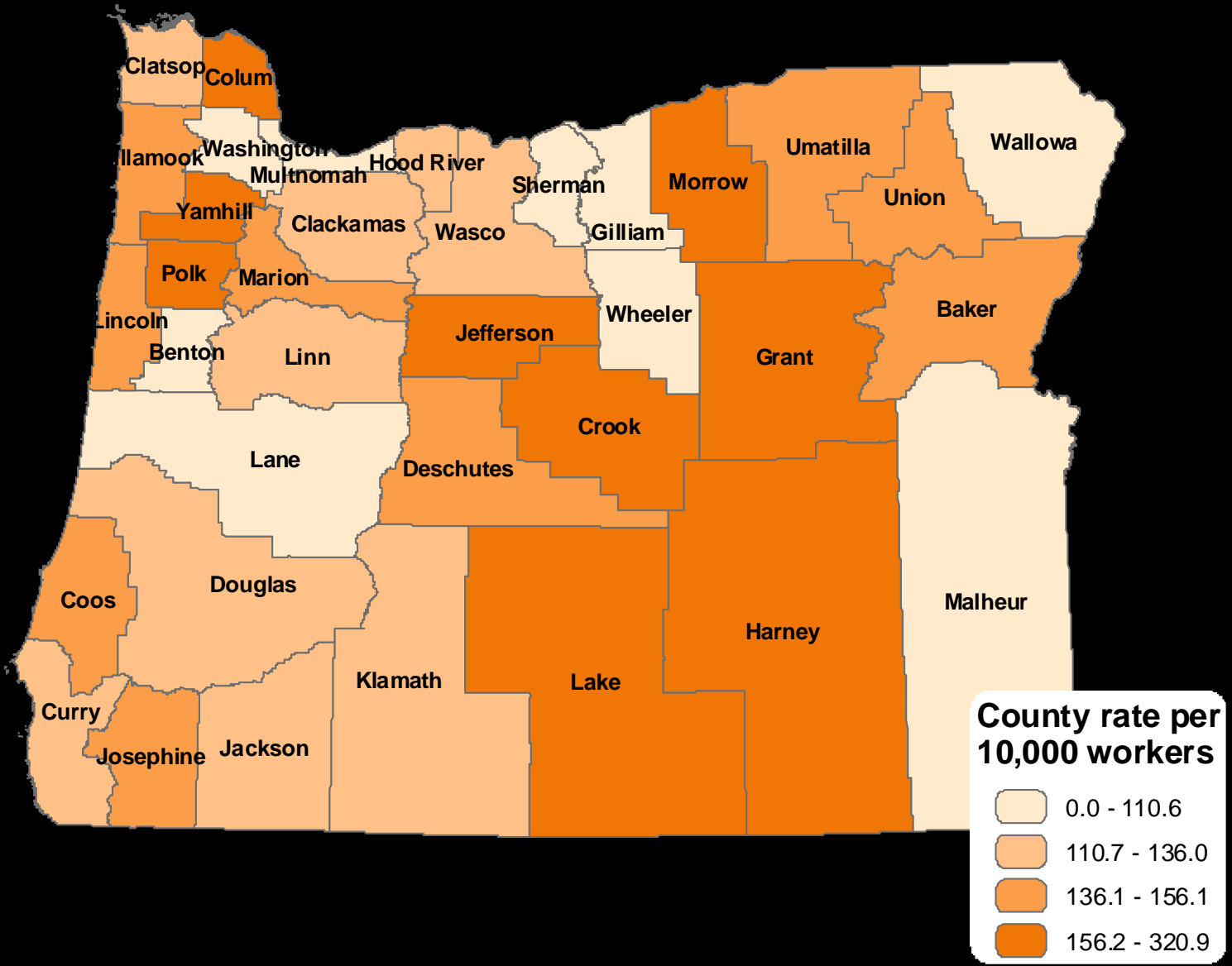
**45 deaths 2003-07  
26,500 injuries 2000-08**



**Oregon young worker  
spatial epidemiology project**

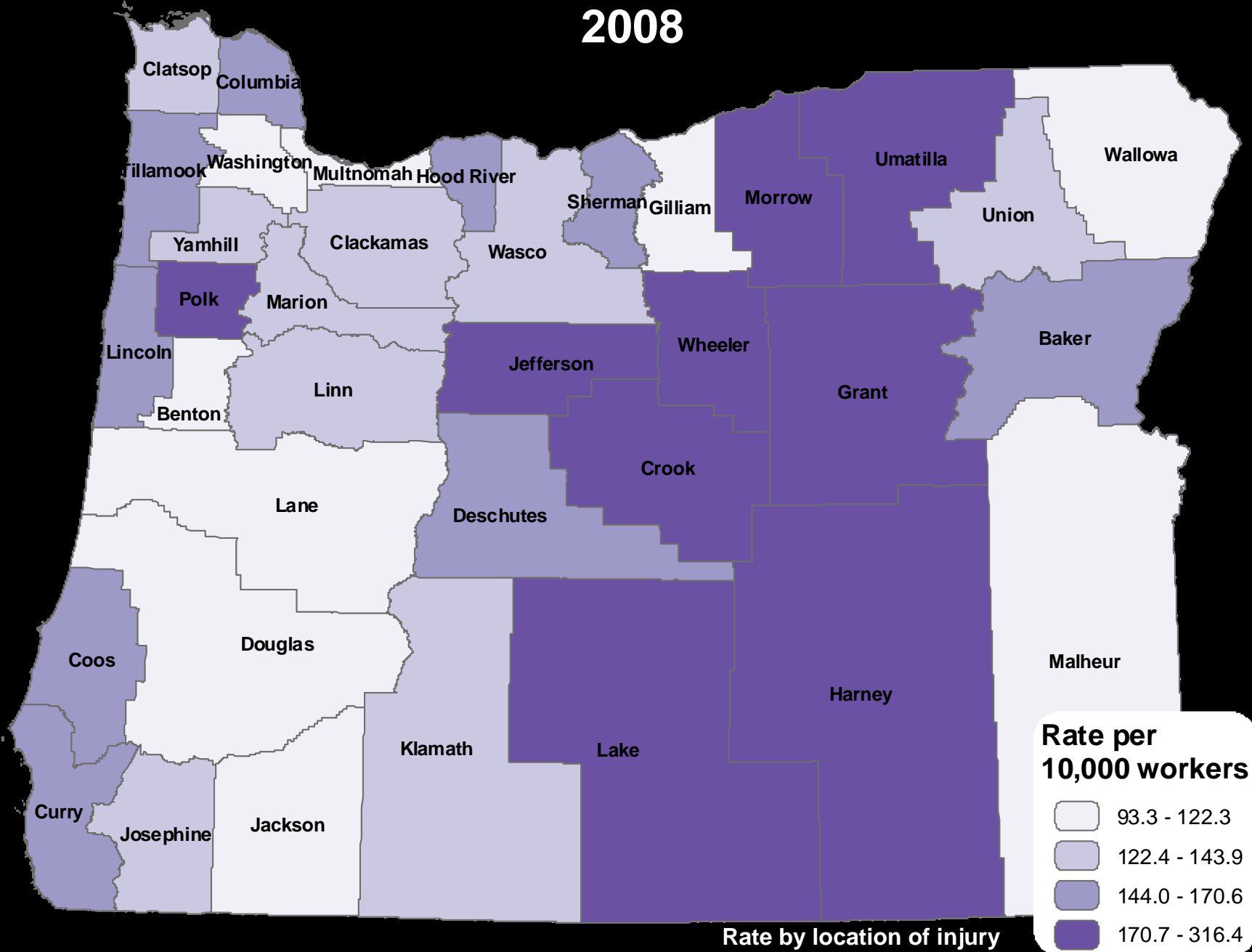
# Results

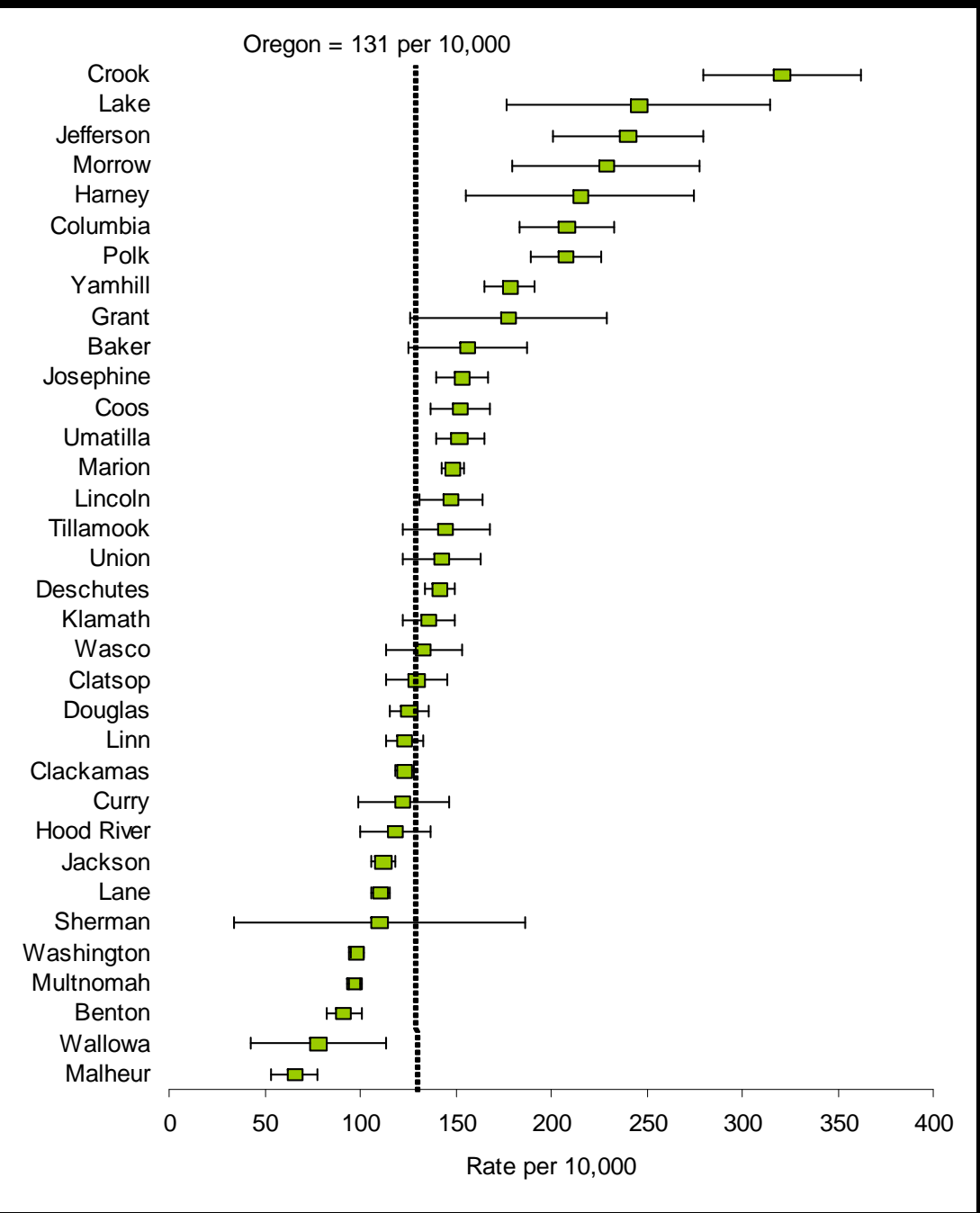
# Young worker injury rates by county, Oregon, 2000 - 2008



Rate by residence of injured person

# Young worker injury rates by county, Oregon, 2000 - 2008





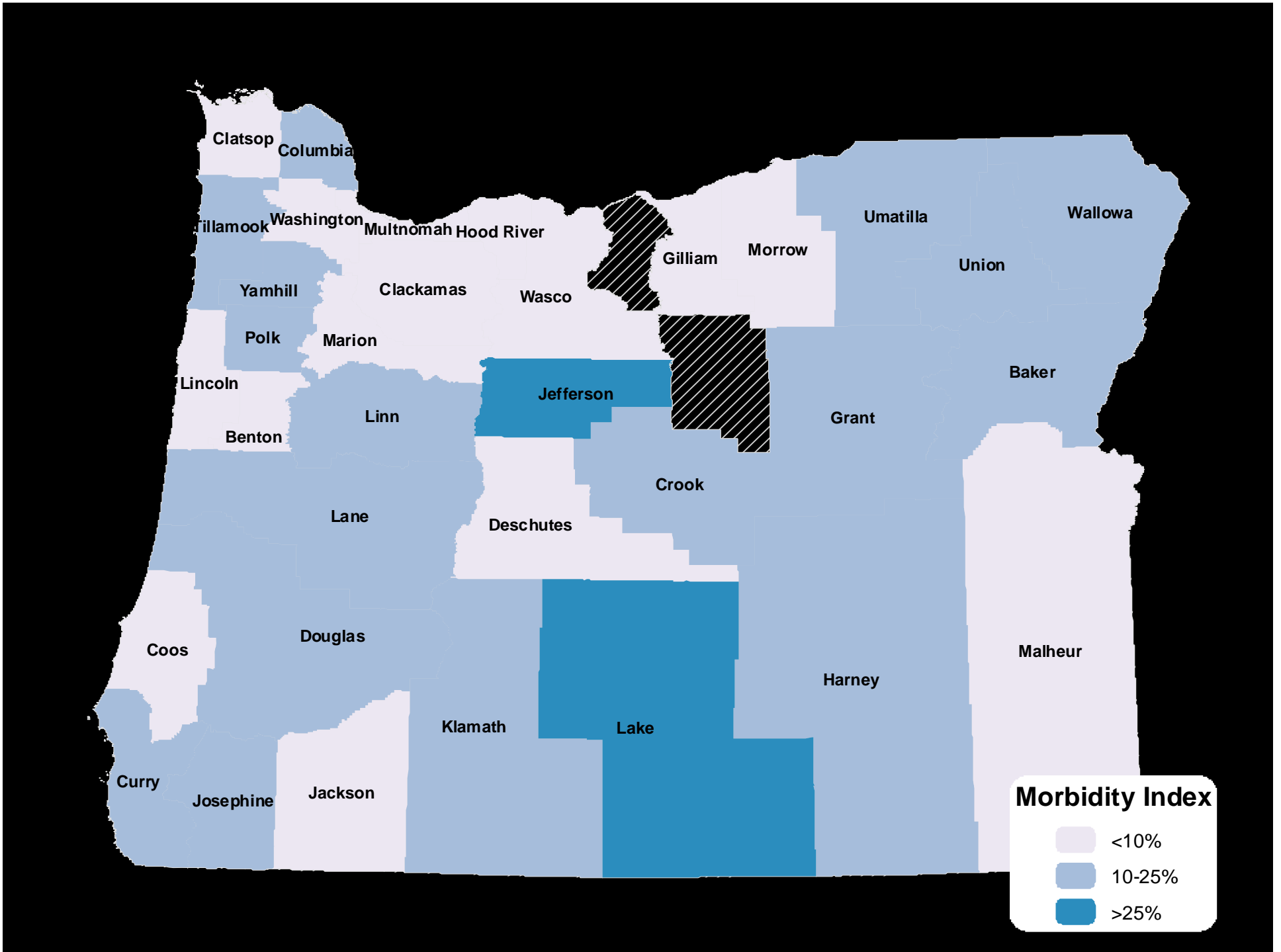
# Highest Rate Counties

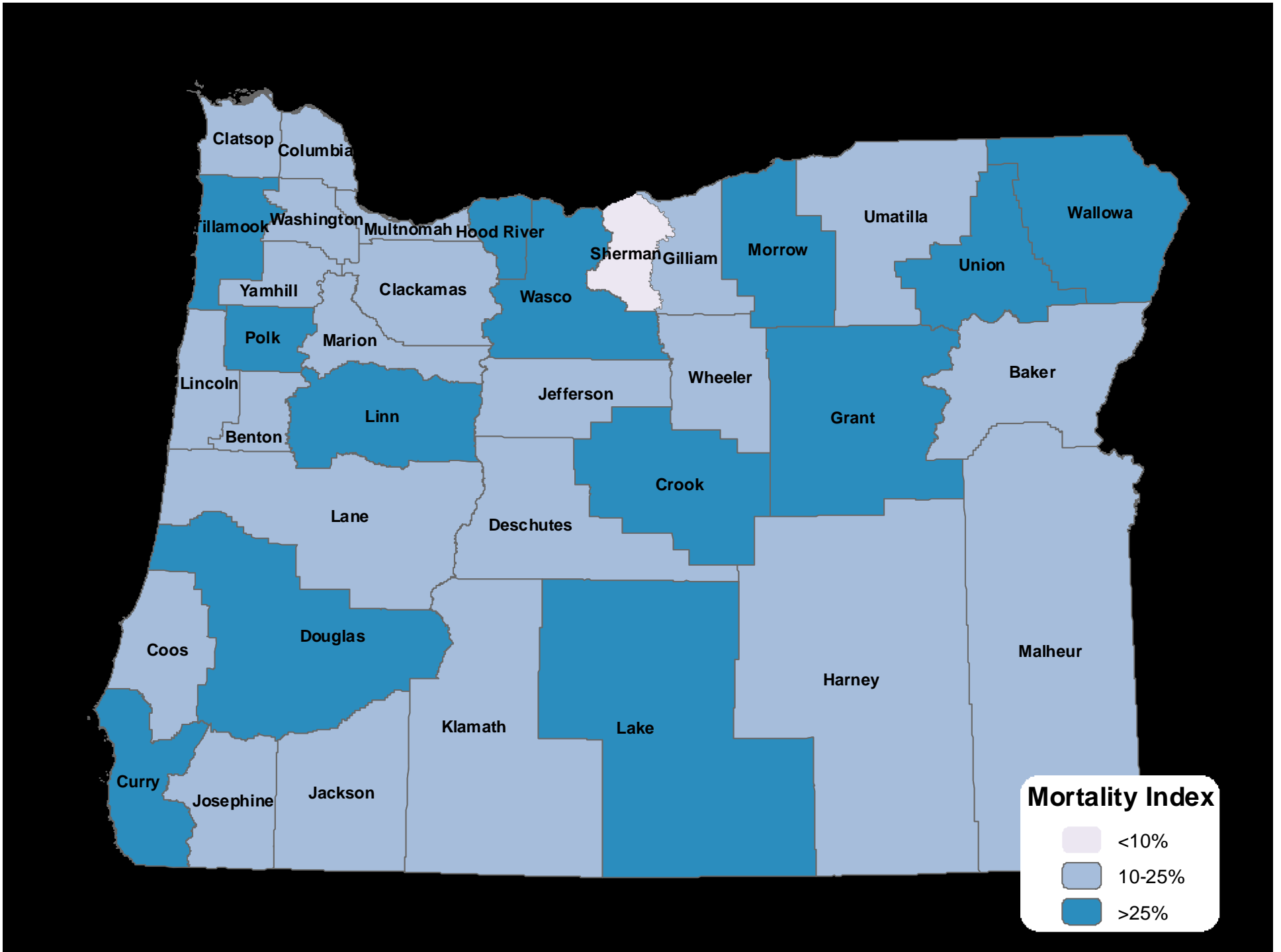
County	Rank by rate
Crook	1
Lake	2
Jefferson	3
Morrow	4
Harney	5
Columbia	6
Polk	7
Yamhill	8
Grant	9
Baker	10

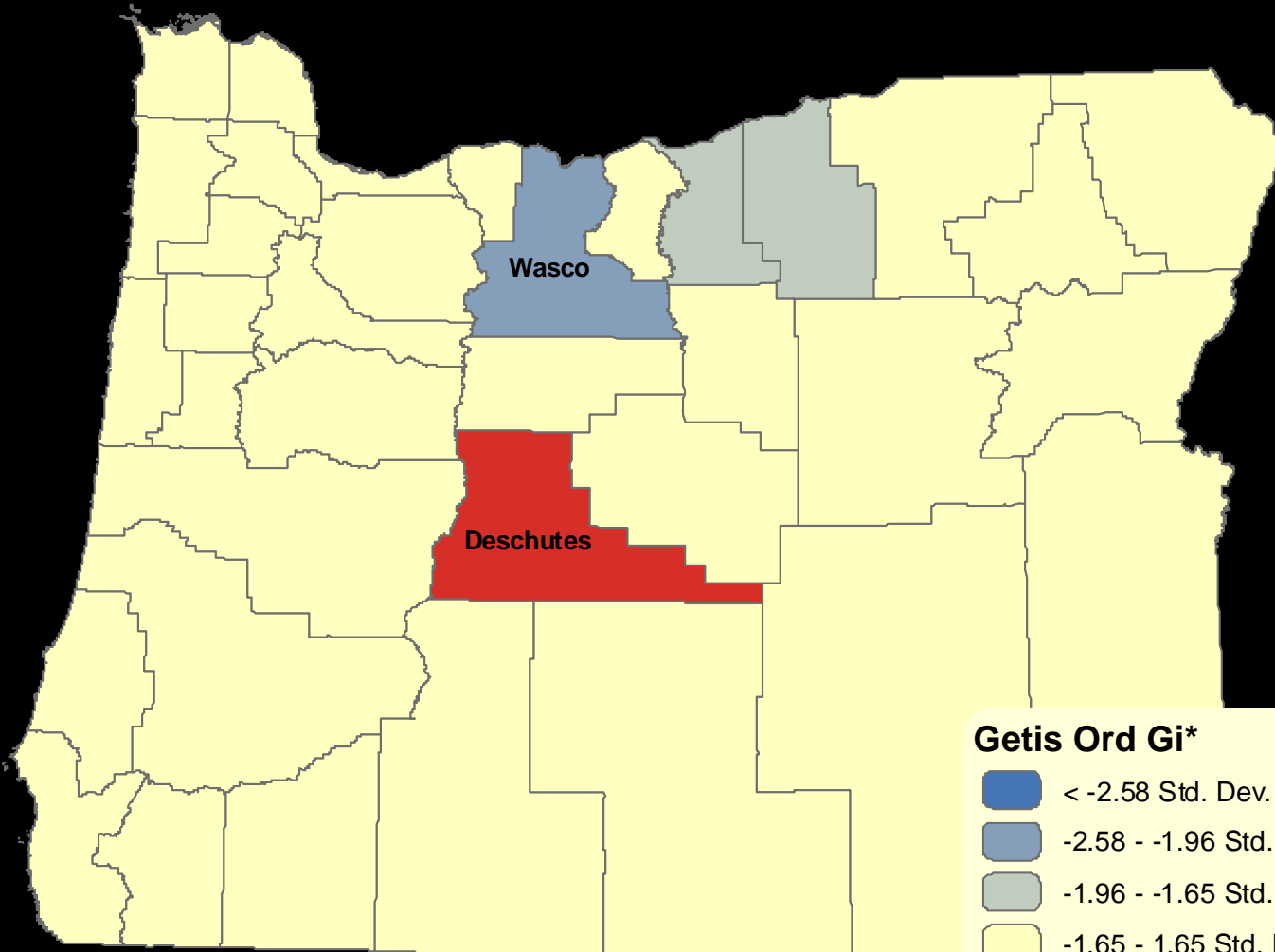
County	Rank by PI*
Malheur	1
Curry	2
Hood River	3
Benton	4
Wasco	5
Grant	6
Clatsop	7.5
Tillamook	7.5 (tie)
Baker	9.5
Union	9.5 (tie)

\*Prevention index, an average for each county of the rank orders of injury claims and rates;  $PI = (\text{count rank} + \text{incidence rank}) / 2$
















Wasco

Deschutes

**Getis Ord Gi\***

-  < -2.58 Std. Dev.
-  -2.58 - -1.96 Std. Dev.
-  -1.96 - -1.65 Std. Dev.
-  -1.65 - 1.65 Std. Dev.
-  1.65 - 1.96 Std. Dev.
-  1.96 - 2.58 Std. Dev.
-  > 2.58 Std. Dev.



O[yes]

Oregon young  
employee safety



**Our role in the coalition**



# Next Steps

- AJIM paper in press
- More spatial stats, small area rate work
- Use by O[yes] partners

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