



Partnership for **Work,**
Health and **Safety**

Gender, Sex and Differences in Disability Duration for Work-related Injury and Illness

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a place of mind



WORKING TO MAKE A DIFFERENCE

Why gender/sex matters

- More women in labour force and in a wider variety of occupations and industries
- Difference in claim proportions, rates and changes over time
- Different health care experiences. Different compensation claim experiences...

Research opportunity

- 30 years of workers' compensation claim data in BC
- 93% coverage of the workforce
- Multiple linked health databases, secure and confidential
- Of policy relevance... limited research

Research questions

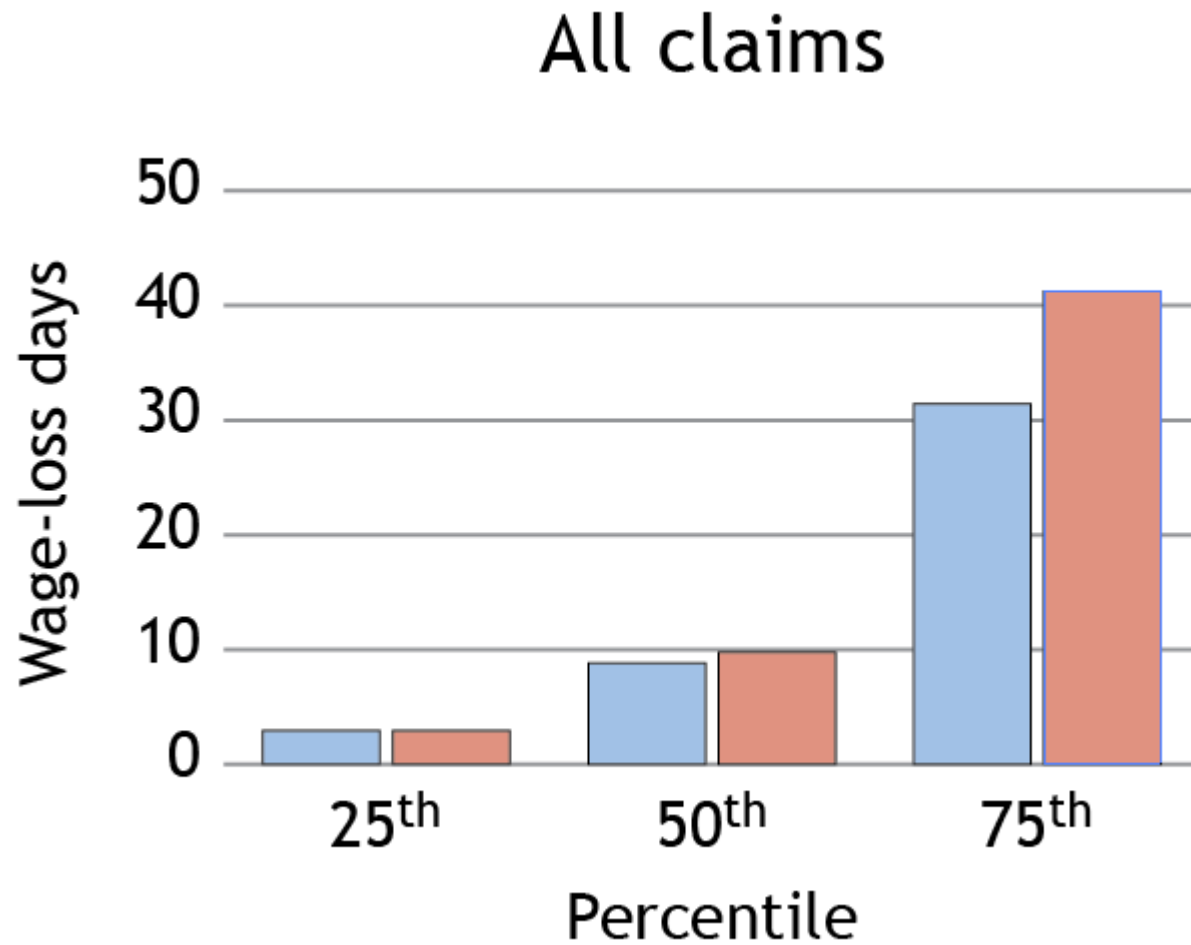
Does the duration of workers' compensation claims differ for men and women?

Does this difference persist for workers in the same occupation and for the same type of injury?

Study snapshot

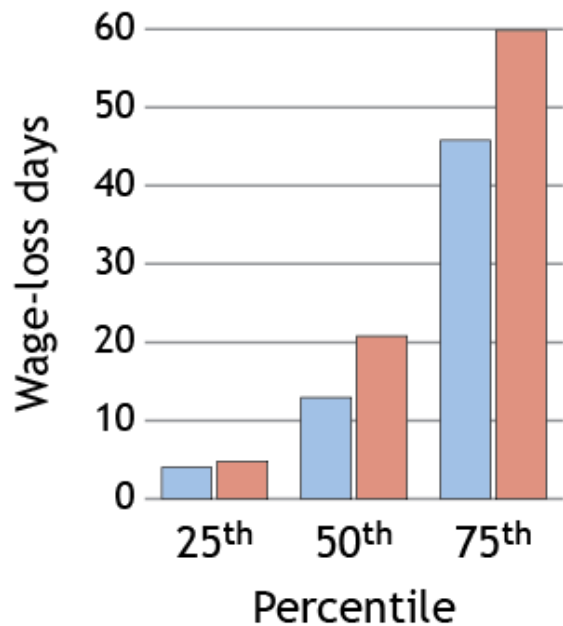
- Short-term disability claims, 2002-2008
- Half a million claims+, 34% women
- Wage-loss days, one year post injury
- Quantile regression (median days)
 - *To compare different groups in the distribution*
- Stratified by gender
 - *Type of injury and type of occupation*

Is there a difference in wage-loss days?

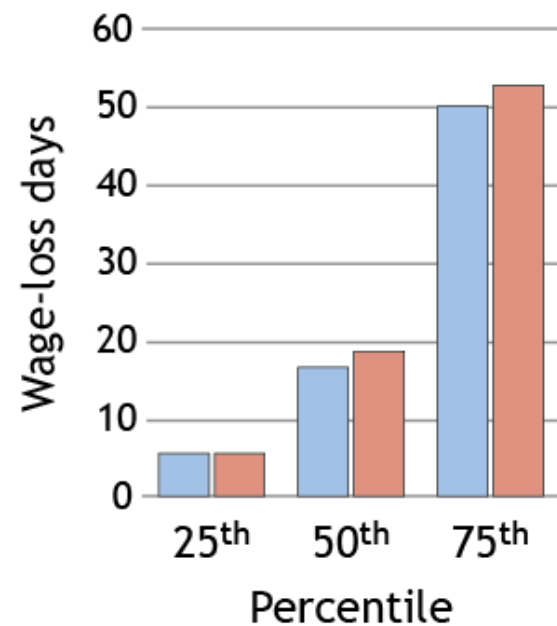


Is there a difference in wage-loss days?

Strains and sprains in health care occupations



Strains and sprains in primary resource occupations

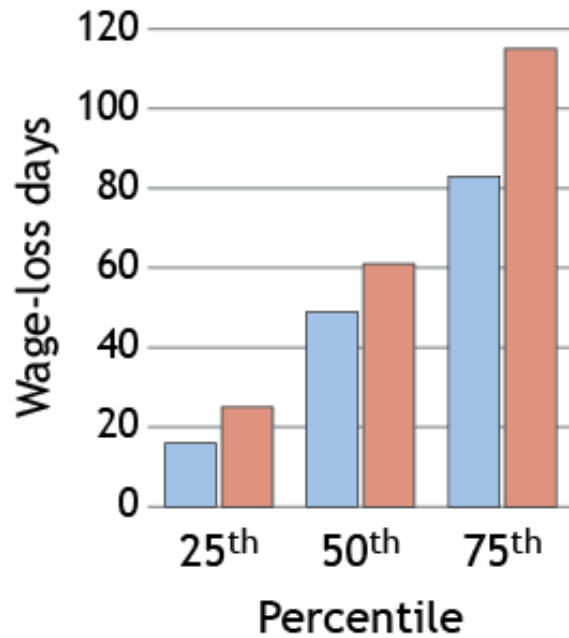


Male

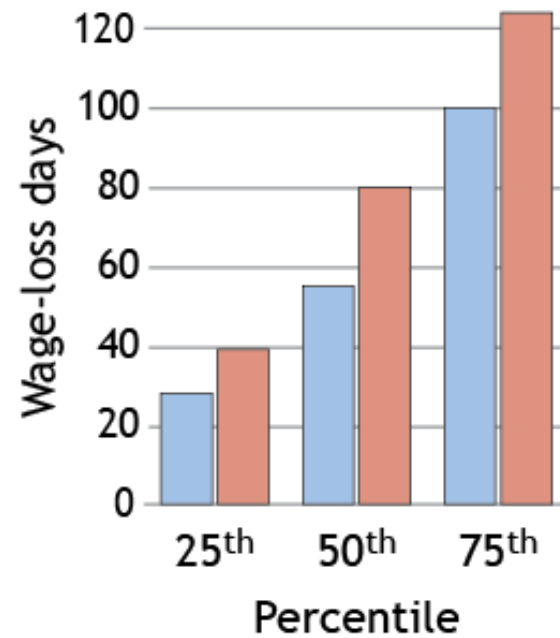
Female

Is there a difference in wage-loss days?

Fractures in health care occupations



Fractures in primary resource occupations



Male Female

There is a persistent difference...

- Especially for longer duration claims
- Different exposures, work experiences, injuries, health care, compensation experiences...
- Worthy of further investigation... CIHR grant
- Other thoughts...

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