

## Permanent Partial Disability Trends by Industry:

### Research Unit

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The following document discusses PPD and employment trends for five industries in Oregon. It looks at employment changes, changes in the rate of injuries, and changes in the number of PPD awards.

Data spans from 2003 to 2018. Prior to 2003, there was a large change in how industries were classified when going from the SIC classification system to the NAICS classification system. Data on injury rates by industry are only available through 2018.

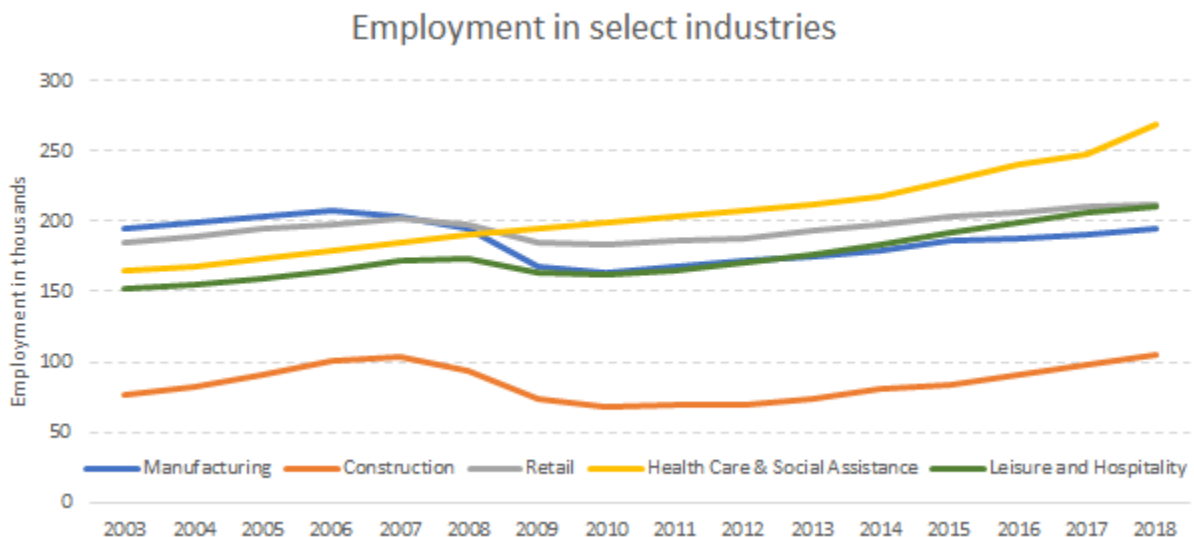
The following table shows the change in employment, injury rates, and PPD awards between 2003 and 2018 for manufacturing, construction, retail, health care and social assistance, and leisure and hospitality. Between 2003 and 2008, employment in each industry increased (although the increase in manufacturing was small), the injury rate per 100 employees decreased, and the number of PPD awards decreased. The reductions in injury rates and in the number of PPD awards is fairly large.

**Change in employment, injury rates, and number of PPD awards for select industries - 2003 to 2018**

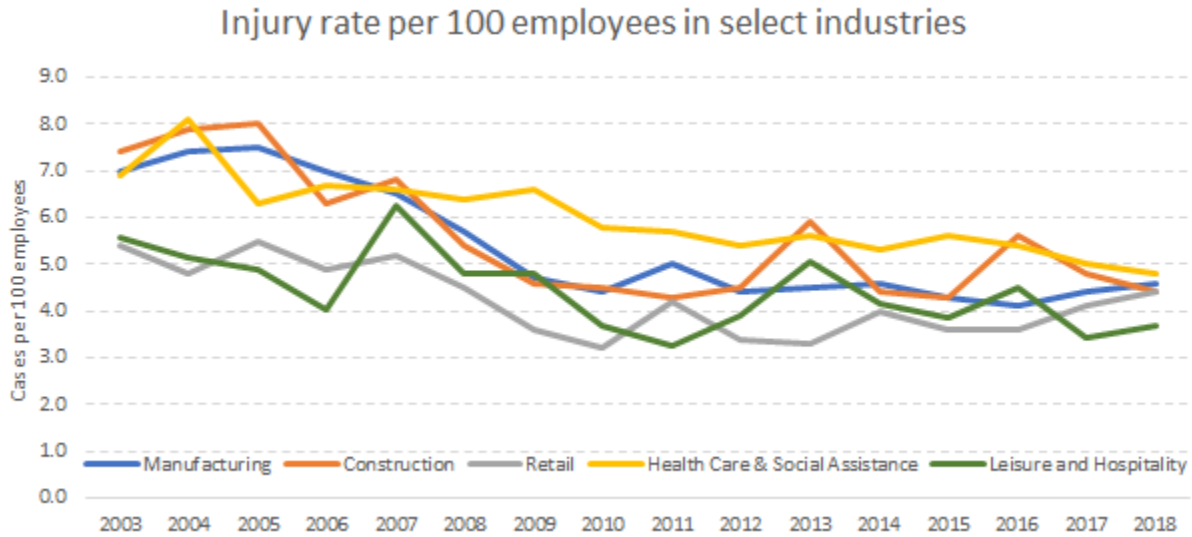
|                                 | Employment change | Injury rate change | PPD awards change |
|---------------------------------|-------------------|--------------------|-------------------|
| Manufacturing                   | 0.1%              | -34.3%             | -52.1%            |
| Construction                    | 37.0%             | -40.5%             | -39.3%            |
| Retail                          | 14.2%             | -18.5%             | -46.8%            |
| Health Care & Social Assistance | 62.7%             | -30.4%             | -28.3%            |
| Leisure and Hospitality         | 39.3%             | -33.3%             | -36.6%            |

Employment information is provided through the Department of Administrative Service’s Office of Economic Analysis. They update this information quarterly.

Each of the five industries show employment growth between 2003 and 2018. In the case of manufacturing, the increase is marginal, however. From 2003 to 2018, health care employment increased by more than 60 percent.



The injury rate per 100 employees has declined across these industries. In manufacturing, the injury rate declined from 7.0 cases per 100 employees in 2003 to 4.6 cases per 100 employees in 2018, a decline of 34 percent. The rate of retail injuries declined by 18.5 percent over the same period.



Even with increases in employment, all industries show a decline in the number of PPD awards. With a 37 percent increase in construction employment from 2003 to 2018, PPD awards declined by almost 40 percent. Health care employment has increased by 62 percent from 2003 to 2018, however, PPD awards have declined by 28 percent over that time frame.

Please note that the industries assigned to PPD awards do not represent the type of work being done at the time of injury. Rather they represent the work at the location the worker was employed at. For instance, a PPD award for sales staff at a manufacturing plant would have their PPD fall under manufacturing rather than retail or wholesale sales.

