ERD Research Hour

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Recent Trends in Montana’s Workers’ Compensation
Frequency of FROIs Filed and Unemployment Rate

Source: Workers’ Compensation Administrative Network (WCAN), MT DLI ERD
Nature of Injury Before and During Pandemic

Source: Workers’ Compensation Administrative Network (WCAN), MT DLI ERD
Oregon Ranking Study – Montana’s Historical Ranking

Source: Oregon Department of Consumer and Business Services
Nonfatal Occupational Injury and Illness Incidence Rates per 100 FTEs (Private Industry)

Source: Bureau of Labor Statistics (SOII)
Fatal Occupational Injury Rates per 100,000 FTEs

Source: Bureau of Labor Statistics (CFOI)
Workers in High-Risk Jobs

- High Risk Industries for Injury: 6% (Montana), 5% (US)
- High Risk Occupations for Injury: 18% (Montana), 16% (US)
- High Risk Industries for Fatality: 24% (Montana), 16% (US)
- High Risk Occupations for Fatality: 18% (Montana), 12% (US)

Workers in High-Risk Jobs

Workers in High Risk Industries for Fatality

- Construction
- Animal production & aquaculture
- Truck transportation
- Crop production
- Landscaping services
- Drinking places, alcoholic beverages
- Sawmills & wood preservation
- Support activities for mining
- Services incidental to transportation
- Logging

Health Equity
Health Equity

Top Three Occupations by Race in Montana

- **White, NH**
  - Professional & Related
  - Mgmt, Bus, & Finance
  - Service Occupations

- **AI/AN, NH**
  - Service Occupations
  - Professional & Related
  - Mgmt, Bus, & Finance

- **Other**
  - Service Occupations
  - Professional & Related
  - Sales & Related

## Health Equity

<table>
<thead>
<tr>
<th></th>
<th>Population</th>
<th>COVID-19 Cases</th>
<th>COVID-19 Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>89%</td>
<td>81%</td>
<td>76%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>7%</td>
<td>9%</td>
<td>15%</td>
</tr>
<tr>
<td>Native Hawaiian or Other Pacific Islander</td>
<td>0%</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Asian</td>
<td>1%</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Black or African American</td>
<td>1%</td>
<td>1%</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Other Race</td>
<td>3%</td>
<td>9%</td>
<td>8%</td>
</tr>
</tbody>
</table>

Source: Montana Department of Public Health and Human Services Communicable Disease and 2020 US Census
Health Equity

Chronic Health Conditions by Household Income

Source: 2017 & 2018 Montana Behavioral Risk Factor Surveillance System
Health Equity

Programs offered:
- General worksite wellness
- Arthritis
- Breastfeeding
- Cancer control
- Diabetes
- Disability and health
- Nutrition
- Physical activity
- Tobacco use prevention

Source: 2017 Montana Behavioral Risk Factor Surveillance System
Health Equity

Annual Checkup by Industry

- State & Local Government - Public Administration
- Health Care & Social Assistance Services
- Educational Services
- Information, Finance & Ins, & Real Estate Services
- Mining
- Utilities, Transportation, & Warehousing
- Arts, Entertainment, & Recreation
- Prof, Mgmt, Admin Support & Waste Mgmt Services
- Accommodations & Food
- Other Services, Except Public Administration
- Wholesale & Retail Trade
- Agriculture, Forestry, Fishing, & Hunting
- Manufacturing
- Construction

Health Equity

Suicide by Industry

- Construction: 15%
- Military: 14%
- Wholesale & Retail Trade: 9%
- Agriculture, Forestry, Fishing, Hunting: 7%
- Manufacturing: 7%
- Health Care & Social Assistance: 7%
- Utilities, Transportation, & Warehousing: 6%
- Professional, Scientific, & Technical Services: 6%
- Accommodation & Food Services: 6%
- Other Services, Except Public Administration: 6%
- Public Administration: 5%
- Information, Finance & Ins, & Real Estate: 4%
- Arts, Entertainment, & Recreation: 3%
- Educational Services: 3%
- Mining: 3%

Source: 2010-2019 Vital Statistics Data, Montana Department of Public Health and Human Services
Health Equity

Diagnosed Depression by Industry

- Health Care & Social Assistance Services
- Accommodations & Food
- Other Services, Except Public Administration
- Arts, Entertainment, & Recreation
- Wholesale & Retail Trade
- Prof, Mgmt, Admin Support & Waste Mgmt Services
- Educational Services
- State & Local Government - Public Administration
- Information, Finance & Ins, & Real Estate Services
- Manufacturing
- Utilities, Transportation, & Warehousing
- Construction
- Agriculture, Forestry, Fishing, & Hunting
- Mining

Opioid Overdose Deaths by Industry

- Construction: 17%
- Health Care & Social Assistance: 14%
- Accommodation & Food Services: 13%
- Retail Trade: 10%
- Other Services, Except Public Administration: 7%
- Manufacturing: 6%
- Agriculture, Forestry, Fishing, Hunting: 6%
- Public Administration: 4%
- Finance & Ins, & Real Estate: 4%
- Prof, Scientific, & Technical Services: 3%
- Arts, Entertainment, & Recreation: 3%
- Mining: 3%
- Educational Services: 2%
- Transportation & Warehousing: 2%
- Admin & Support & Waste Management: 2%
- Information: 2%
- Wholesale Trade: 2%
Resources

- **NIOSH Total Worker Health Program**
  - Background information on total worker health
  - Planning, assessment, and evaluation tools
- **Construction Industry Alliance for Suicide Prevention**
  - Recognizing risk factors
  - Prevention, intervention, and postvention information
- **CDC COVID-19 and Health Equity**
  - Guidance on health equity for different groups
  - Examples of recognizing and improving health outcomes
- **DPHHS Suicide Prevention Site**
  - Montana specific resources
- **Montana Healthcare Foundation**
  - American Indian/Alaska Native health
  - Behavioral health initiatives
ERD Dashboards

• Workers’ compensation
• Other ERD programs
• Occupational safety and health
• Prevailing wage