

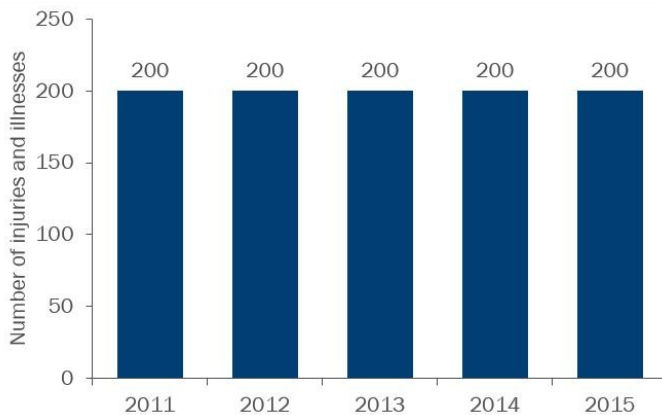
## Mining, Quarrying, and Oil and Gas Extraction

The Mining, Quarrying, and Oil and Gas Extraction sector (NAICS code 21) includes establishments that extract naturally occurring mineral solids (coal and ores), liquid minerals (crude petroleum), and gases (natural gas). Mining is used broadly to include quarrying, well operations, and preparations performed as part of mine sites or mine activities. In 2015, there were 7,587 total employees and 579 total establishments in the private Mining, Quarrying, and Oil and Gas Extraction industry in Montana. Support activities for mining (30%) and metal ore mining (28%) employed the most workers in 2015.

### Number of Work-Related Injuries & Illnesses

In 2015, an estimated **200** non-fatal injuries and illnesses occurred in Montana's private Mining, Quarrying, and Oil and Gas Extraction industry.

Number of non-fatal injuries and illnesses in private Mining, Quarrying, and Oil and Gas Extraction in Montana, 2011-2015



### Rate of Work-Related Injuries and Illnesses

In 2015, there were **3.0** estimated cases of non-fatal injuries and illnesses per 100 full-time workers in Montana's private Mining, Quarrying, and Oil and Gas Extraction industry, which was higher than the national rate of 1.4 cases per 100 full-time workers in this industry.

Rate of non-fatal injuries and illnesses per 100 full-time workers in private Mining, Quarrying, and Oil and Gas Extraction, 2011-2015



### Work-Related Injury and Illness Facts

Of **110** total injuries involving days away from work:

- 100% of injuries were men
- 55% of injuries were workers 45-54 years old
- 55% of injuries occurred in mining machine operators
- 31 days: median number of days away from work
- 60 injuries were falls to a lower level
- 60 injuries involved the back
- 55%: source of injury was highway motor vehicles

### Work-Related Fatal Injury Facts

From 2011 to 2015, there were **2** work-related fatalities in Montana's Mining, Quarrying, and Oil and Gas Extraction private industry, due to transportation incidents and contact with objects and equipment.

In 2015, there were **0** total work-related fatalities in the Mining, Quarrying, and Oil and Gas Extraction private industry.

From 2005 to 2014, **63** oil and gas extraction workers died in falls across the United States. **Fall events** are one of the leading cause of deaths in the oil and gas extraction industry nationally.

### Questions or Comments?

Please contact the Montana Occupational Health & Safety Surveillance Program at: (406) 444-1722 or visit <http://mtworkerhealth.mt.gov>.

### Sources

- BLS Survey of Occupational Injuries and Illnesses (SOII)
- BLS Census of Fatal Occupational Injuries (CFOI)
- BLS Quarterly Census of Employment and Wages (QCEW)
- Fall Fatalities among Oil and Gas Extraction Workers report ([MMWR](#))

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