Quarterly Performance Snapshot
for the Western Australian minerals sector

Data for three-month period 1 April - 30 June 2019

Issued December 2019

The quarterly performance snapshots show lost time and restricted work injury and incident data provided to the Department by the minerals sector for a three-month period. The snapshots can be used by employers and workers to assist in the development and promotion of safe work practices on mining operations.

For more information about injuries and incidents in the minerals sector, visit our website **www.dmirs.wa.gov.au**

🐦 @DMIRS_WA

in Department of Mines, Industry Regulation and Safety

Injuries by severity

277 serious injuries

51 minor injuries

Injuries by occupation

Surface: Mechanical fitters had the **most injuries** with **18%**

📊 Processing plant occupations were 2nd highest with 13%

Underground: Long hole drill and blast occupations had the **most injuries** with **26%**

📊 Diamond drillers or raiseborers were 2nd highest with 18%

Injuries by location

12%

Surface: Bench area (not haul road) had **highest** percentage of **injuries**

📊 Crushing, screening or conveyor had the 2nd highest with 10%

68%

Underground: Production and development areas had the **highest** percentage of **injuries**

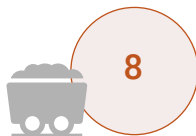📊 Underground storage areas had the 2nd highest with 11%

Injuries by age

Age range with the **greatest percentage** of injuries was **30-39 years (27%)**

30-39 years

📊 Age range 40-49 were 2nd highest (24%)

Injury frequency rate for top 5 commodities
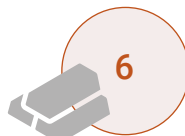(number of injuries per million hours worked)
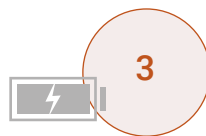
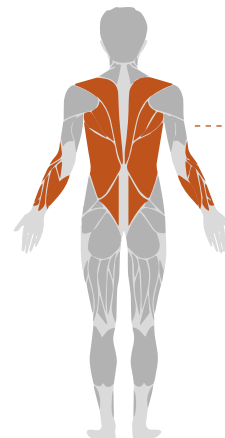**14** Bauxite and alumina

8 Nickel

6 Gold

5 Iron ore

3 Tin, tantalum and lithium

Injuries by nature

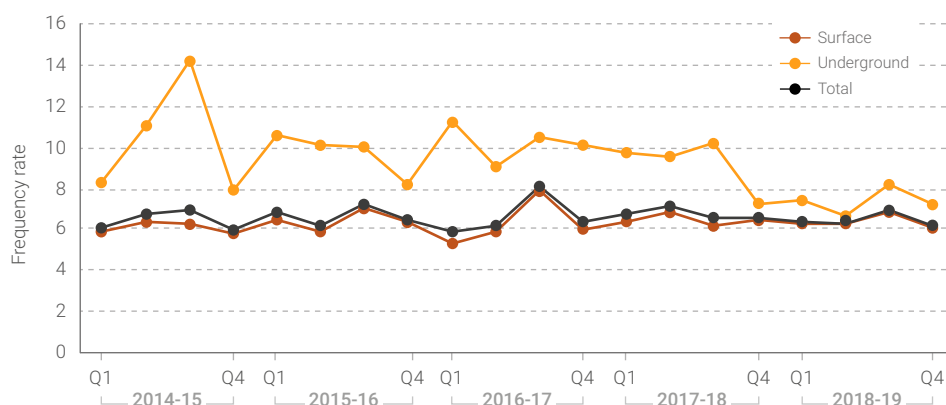**75%** of injuries were **musculoskeletal disorders**

📊 Superficial injuries were 2nd highest with 19%

Injury frequency rate (number of injuries per million hours worked)

Last quarter, the total injury frequency rate decreased from 7.0 in the January to March 2019 quarter to 6.2 this quarter.
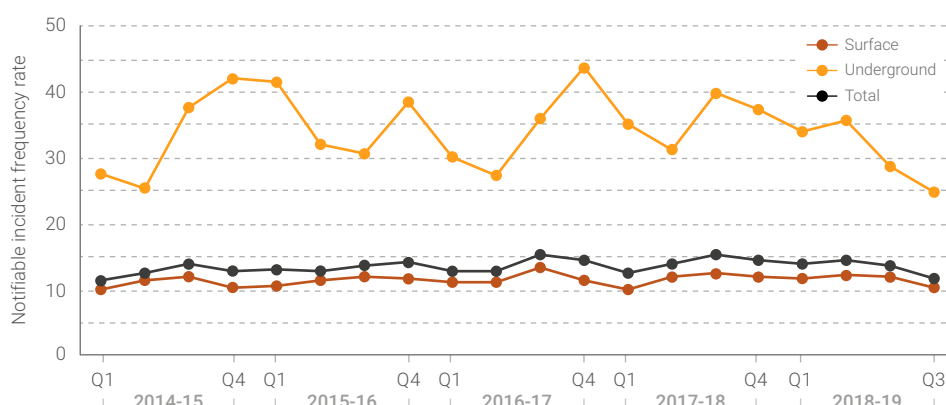
Make sure you can recognise the hazards associated with your workplace and the work you do, understand the risks, and know how to implement the control measures.
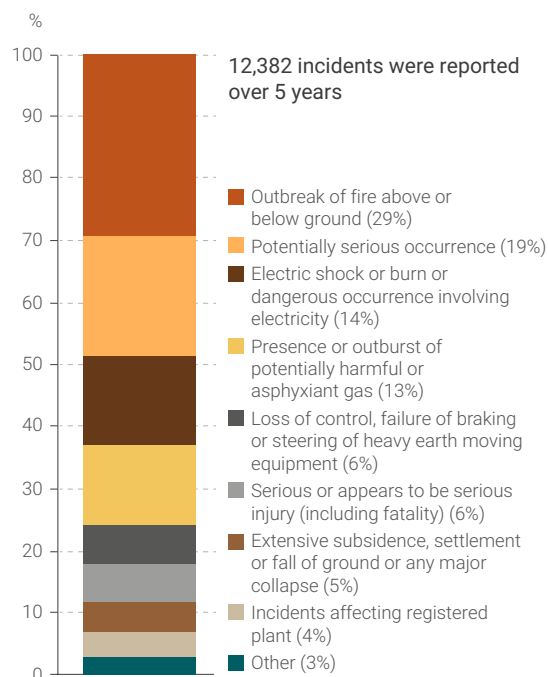

Notifiable incidents frequency rate (number of incidents per million hours worked)

Specific types of incidents, including near misses, are required to be reported to the Department. This reporting is important to identify trends and clusters of incidents that need to be addressed to help prevent injuries.

What is the reporting culture like at your site?

Notifiable incidents by reporting category

12,382 incidents were reported over 5 years

- Outbreak of fire above or below ground (29%)
- Potentially serious occurrence (19%)
- Electric shock or burn or dangerous occurrence involving electricity (14%)
- Presence or outburst of potentially harmful or asphyxiant gas (13%)
- Loss of control, failure of braking or steering of heavy earth moving equipment (6%)
- Serious or appears to be serious injury (including fatality) (6%)
- Extensive subsidence, settlement or fall of ground or any major collapse (5%)
- Incidents affecting registered plant (4%)
- Other (3%)

Amputation, fracture and crush injuries in comparison to all reported injuries

Note: Injury statistics in this document include lost time injuries and restricted work injuries.
Information for the three-month reporting period may be subject to minor changes due to late and corrected returns.