### Mine safety performance overview

#### Fatal injuries

**Metalliferous mine**
A contract worker suffered spinal injuries from a fall from an elevated work platform. The scissor lift’s front and left side guard rails had been removed to move it under a steel structure. While on the scissor lift platform using its control unit, the worker lost balance and fell off the platform from a height of about one metre. The worker experienced a series of complications secondary to surgery and passed away six weeks after the incident. See Investigation Information Release IIR18-14 for more information.

**Coal mine**
A tyre maintenance worker was fatally injured when a large earthmoving tyre fell from a tyre handler at the mine’s heavy vehicle wash bay. The tyre maintenance worker and another worker had removed the tyre from a water cart at a service bay with the tyre handler. The tyre handler was then used to take the tyre to the nearby wash bay for cleaning. At some point during the cleaning process, the tyre fell onto the tyre maintenance worker. Other workers responded to the scene and initiated the mine’s emergency response procedures. See investigation report and animation for more information.

#### Serious injuries

**Coal mine**
A tyre maintenance worker was fatally injured when a large earthmoving tyre fell from a tyre handler at the mine’s heavy vehicle wash bay. The tyre maintenance worker and another worker had removed the tyre from a water cart at a service bay with the tyre handler. The tyre handler was then used to take the tyre to the nearby wash bay for cleaning. At some point during the cleaning process, the tyre fell onto the tyre maintenance worker. Other workers responded to the scene and initiated the mine’s emergency response procedures. See investigation report and animation for more information.

#### Fatal and serious injuries

**Fatal and serious injuries snapshot**

<table>
<thead>
<tr>
<th>MECHANISM</th>
<th>TRUNK OR CHEST (12%)</th>
<th>UPPER LIMBS (12%)</th>
<th>HANDS OR FINGERS (31%)</th>
<th>LOWER LIMBS (12%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Being hit by moving object</td>
<td></td>
<td></td>
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<tr>
<td>(41%)</td>
<td></td>
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<tr>
<td>Falls, trips and slips of a person</td>
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<tr>
<td>(29%)</td>
<td></td>
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</tbody>
</table>

*Represents 70% of the total*  
*Represents 67% of the total*  
*Represents 76% of the total*

**Nature of injury**

- Fracture (52%)
- Wounds, lacerations, amputations and internal organ damage (24%)

**Fatal and serious injuries by sector** (one person = 2 serious injuries)

- **Coal sector**
  - Fatal injury: 3
  - Serious injury: 64

- **Metalliferous sector**
  - Fatal injury: 1
  - Serious injury: 21

- **Extractives sector**
  - Fatal injury: 0
  - Serious injury: 4

- **Opal mines**
  - Fatal injury: 0
  - Serious injury: 2

#### LTIs and TRIs

- **LTIs**
  - Increase of 35 in 2018-19
  - From 260 in 2017-18

- **TRIs**
  - Decrease of 16 in 2018-19
  - From 975 in 2017-18
Mine safety performance overview

**Incidents**

Incident notifications by sector and operation type

- **Coal mines**
  - Underground: 998
  - Surface: 607
  - Total: 1,605

- **Metalliferous mines**
  - Underground: 214
  - Surface: 267

- **Extractives mines**
  - Underground: 154

- **Opal mines**
  - Underground: 4

- **Other mines**
  - Underground: 1

**INCORPORATION OF 17 IN 2018-19 FROM 2,014 IN 2017-18**

**Incident notification annual frequency rate**

- **FY 2010**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2011**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2012**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2013**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2014**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2015**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2016**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2017**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2018**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2019**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

**Five year average lost time injury frequency rate**

- **FY 2010**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2011**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2012**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2013**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2014**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2015**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2016**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2017**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2018**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2019**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

**Five year average total recordable injury frequency rate**

- **FY 2010**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2011**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2012**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2013**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2014**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2015**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2016**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2017**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2018**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

- **FY 2019**
  - Coal mines: 0
  - Metalliferous mines: 0
  - Extractives mines: 0

**Incident notification profile 2018-19**

- **Coal mines**
  - Workplace death or serious injury/illness: 27% (165)
  - Dangerous incident: 18% (115)
  - Potentially dangerous incident: 19% (115)
  - Other high potential incident: 18% (115)
  - Lost time/restricted duty injury/illness: 42% (22)
  - Medical treatment injury/illness: 41% (22)
  - Other incident notification: 50% (2)

- **Metalliferous mines**
  - Workplace death or serious injury/illness: 31% (175)
  - Dangerous incident: 41% (413)
  - Potentially dangerous incident: 25% (13)
  - Other high potential incident: 18% (123)
  - Lost time/restricted duty injury/illness: 42% (90)
  - Medical treatment injury/illness: 25% (38)
  - Other incident notification: 50% (2)

- **Extractives mines**
  - Workplace death or serious injury/illness: 15% (8)
  - Dangerous incident: 42% (90)
  - Potentially dangerous incident: 21% (45)
  - Other high potential incident: 16% (34)
  - Lost time/restricted duty injury/illness: 43% (66)
  - Medical treatment injury/illness: 25% (38)
  - Other incident notification: 50% (2)

- **Opal mines**
  - Workplace death or serious injury/illness: 50% (2)
  - Dangerous incident: 50% (2)

- **Other mines**
  - Workplace death or serious injury/illness: 50% (2)
  - Dangerous incident: 50% (2)
  - Potentially dangerous incident: 50% (2)
  - Other high potential incident: 50% (2)
  - Lost time/restricted duty injury/illness: 50% (2)
  - Medical treatment injury/illness: 50% (2)
  - Other incident notification: 50% (2)
Mine safety performance overview

Notices issued

1,774 INCREASE OF 17 IN 2018-19 FROM 2,014 IN 2017-18

Notices issued by sector

<table>
<thead>
<tr>
<th>Sector</th>
<th>Notices Issued</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extractives Mines</td>
<td>534</td>
</tr>
<tr>
<td>Coal Mines</td>
<td>651</td>
</tr>
<tr>
<td>Non-Mines</td>
<td>4</td>
</tr>
<tr>
<td>Other Mines</td>
<td>8</td>
</tr>
<tr>
<td>Opal Mines</td>
<td>72</td>
</tr>
<tr>
<td>Metalliferous Mines</td>
<td>505</td>
</tr>
</tbody>
</table>

Notices issued by type

<table>
<thead>
<tr>
<th>Notice Type</th>
<th>Notices Issued</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improvement Notices (s191)</td>
<td>1,021</td>
</tr>
<tr>
<td>Notices of Concern (s23)</td>
<td>532</td>
</tr>
<tr>
<td>Prohibition Notices (s195)</td>
<td>203</td>
</tr>
</tbody>
</table>

Hours worked

69.1m INCREASE OF 4.3m IN 2018-19 FROM 64.8m IN 2017-18

Total hours worked in 2018-19

<table>
<thead>
<tr>
<th>Sector</th>
<th>Hours Worked</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal Mines</td>
<td>49.2 million</td>
</tr>
<tr>
<td>Metalliferous Mines</td>
<td>14.0 million</td>
</tr>
<tr>
<td>Extractives Mines</td>
<td>5.9 million</td>
</tr>
<tr>
<td>Employees</td>
<td>37.0 million</td>
</tr>
<tr>
<td>Other (inc. Contractors)</td>
<td>32.1 million</td>
</tr>
</tbody>
</table>

For more information

This overview was first published in August 2020 with data current at May 2020.

To read the full Mine Safety Performance Report for 2018 - 2019, and other safety publications, visit our website: resourcesregulator.nsw.gov.au

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