## FATAL ACCIDENTS 2011-2012

There were two fatal accidents in the Western Australian mineral industry during 2011-12:

- A conveyor services contractor employee, standing on a belt winder platform, was fatally injured when a 40 tonne mobile crane, which was being supported by chains from an overhead gantry crane, dropped suddenly onto the loader boom as the fitter was working beneath it.
- A fitter, working with others to change out the hydraulic bucket tilt cylinder on a front-end loader, received fatal head injuries when the cylinder, which was being disassembled, fell to the ground.

### DEFINITIONS

**DISABLING INJURY (DI)**

Work injury that results in an absence of more than one day to one month from the job.

**SERIOUS INJURY**

Work injury that results in an absence of more than one month to two years from the job.

**MINOR INJURY**

Work injury that results in an absence of less than one month.

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### MINING LOST TIME INJURY FREQUENCY RATE BY LOCATION

<table>
<thead>
<tr>
<th>Location</th>
<th>Rate per 100,000 Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Underground</td>
<td>4.3</td>
</tr>
<tr>
<td>Surface general</td>
<td>2.6</td>
</tr>
<tr>
<td>Surface mining</td>
<td>1.6</td>
</tr>
<tr>
<td>Power generation</td>
<td>1.3</td>
</tr>
</tbody>
</table>

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### MINING LOST TIME INJURY FREQUENCY RATE BY SEVERITY

<table>
<thead>
<tr>
<th>Severity</th>
<th>Rate per 100,000 Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious</td>
<td>6.6</td>
</tr>
<tr>
<td>Minor</td>
<td>1.3</td>
</tr>
</tbody>
</table>

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### MINING FATAL INJURY INCIDENCE RATE

<table>
<thead>
<tr>
<th>Year</th>
<th>Rate per 100,000 Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>0.02</td>
</tr>
</tbody>
</table>

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### STATISTICAL SUMMARY

**MINING**

- There were two fatal accidents during 2011-12 – both at the surface at iron ore mines and one at a part facilities at an iron ore operation.
- There were 457 LTIs during 2011-12; 42 more than the previous year’s 415 LTIs reported in 2010-11.
- There was an average workforce of 69,971 employees in 2011-12, an increase of approximately 10% over the previous year’s average of 81,933.
- The overall LT duration rate deteriorated by 3% during 2011-12, falling from 21.9 to 22.7.
- The overall LT frequency rate improved by 7% during 2011-12, falling from 5.3 to 4.9.
- The overall injury index improved slightly by less than 1%, falling from 57.2 to 56.
- Service LTIs in the mining industry during 2011-12 totalled 370, 37 more than for 2010-11.
- The overall serious LTIFR improved by 5% in 2011-12, falling from 6.7 to 6.3.
- The iron ore sector LTIFR improved by 8% in 2011-12, falling from 1.3 to 1.2.
- The base metals and alumina sector LTIFR deteriorated by 7% during 2011-12, falling from 2.4 to 2.6.
- The gold sector LTIFR improved by 17% during 2011-12, falling from 6.4 to 5.4.
- The nickel sector LTIFR improved by 24% during 2011-12, falling from 3.3 to 2.5.
- There were 65 LT disabling injuries (DI) during 2011-12, 39 more than the previous year’s 26 DI disabling injuries reported in 2010-11.
- The overall DI frequency rate improved by 15%, falling from 5.2 to 4.4.

**EXPLORATION**

- There were no exploration fatalities during 2011-12.
- There were 43 LTIs during 2011-12, three less than the previous year.
- There was an average workforce of 3,601 employees, an increase of 9% over the previous year’s average of 3,303.
- The overall LTIFR improved by 10% during 2011-12, falling from 4.7 to 4.3.
- There were 53 exploration disabling injuries reported in 2011-12, resulting in a DI frequency rate of 6.7, an increase of 34%.