

# Statistical Bulletin 2015/16

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NSW workers compensation statistics

**State Insurance  
Regulatory  
Authority**

The State Insurance Regulatory Authority (SIRA) Customer Service Centre can assist with enquiries relating to:

- work health and safety
- injury management
- workers compensation.

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NSW workers compensation

Statistical Bulletin 2015/16

Produced by SIRA Data Analysis and Reporting

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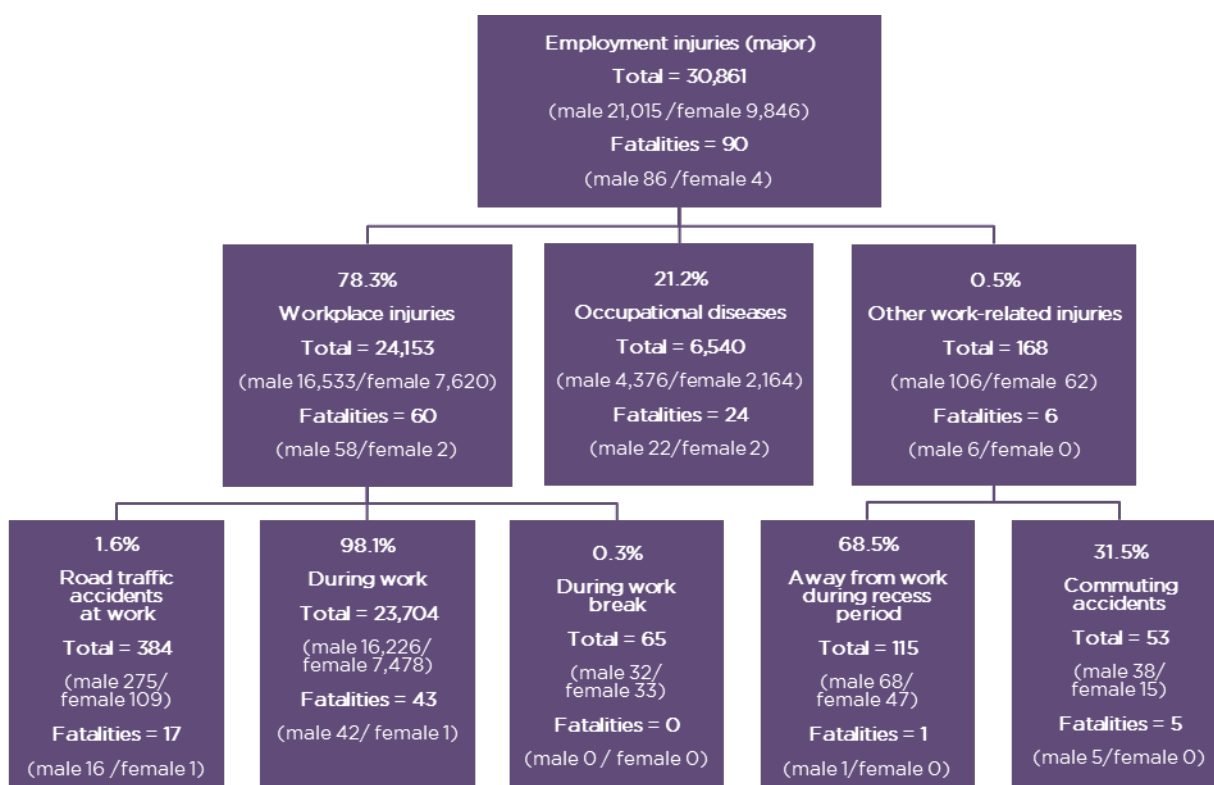
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# Key findings for 2015/16

## All injury and disease claims<sup>1</sup>

- A total of 92,124 employment injuries were reported in 2015/16, a decrease of 1,811 injuries or two per cent from 93,935 in 2014/15. This represents a decrease of 1.7 injuries per 1,000 employees in the incidence rate, from 28.5 injuries per 1,000 employees in 2014/15 to 26.8 injuries per 1,000 employees in 2015/16.
- The gross incurred cost of all employment injuries in 2015/16 was \$1.051 billion.

## All major employment injury and disease claims<sup>2</sup>



- A total of 30,861 major employment injuries were reported in 2015/16, an increase of 470 or two per cent from 30,391 in 2014/15. Of these there were 24,153 (78 per cent) major workplace injuries and 6,540 (21 per cent) occupational diseases reported in 2015/16. Major injuries accounted for 33.5% of all injuries.
- The incidence rate of major employment injuries decreased to 9.0 injuries per 1,000 employees in 2015/16, from 9.2 injuries per 1,000 employees in 2014/15. The frequency rate of major employment injuries decreased to 5.4 injuries per million hours worked in 2015/16 from 5.5 injuries per million hours worked in 2014/15.
- Males accounted for 68 per cent of major employment injuries, while females accounted for 32 per cent.

<sup>1</sup> Major and minor employment injuries

<sup>2</sup> Major employment injuries are injuries where the injury resulted in death, permanent disability, or temporary disability with at least one week of weekly benefit entitlement paid

- Injuries resulting in permanent disability decreased by 202 injuries or seven per cent, from 2,706 in 2014/15 to 2,504 in 2015/16. Injuries resulting in temporary disability increased by 660 injuries or two per cent, from 27,607 in 2014/15 to 28,267 in 2015/16.
- The highest number of employment injuries by industry division were reported in health care and social assistance (4,453), followed by manufacturing (4,352), and construction (3,827). The lowest numbers of employment injuries by industry division were reported in financial and insurance services (182), information media and telecommunications (215), and electricity, gas, water and waste services (310).
- Occupations that experienced the highest number of employment injuries were labourers (7,857), technicians and trades workers (5,457), and community and personal service workers (5,082). Clerical and administrative workers had the lowest number of injuries (1,265) and the lowest incidence rate (2.5 injuries per 1,000 employees) in 2015/16.
- The total gross incurred cost for employment injuries in 2015/16 was \$842 million, an increase of \$108 million or 15 per cent from \$734 million in 2014/15. Major injuries account for 80.1% of all injuries costs.
- Employment injuries resulted in approximately 327,701 weeks of employee incapacity in 2015/16, an increase of approximately 25,332 weeks or eight per cent from almost 302,369 weeks of employee incapacity in 2014/15.
- Approximately 80 per cent of employment injuries resulted in time lost of less than six months.

## Fatalities

- The number of employment related fatalities reported in 2015/16 is 34 per cent less than those reported in 2006/07. Of the fatalities reported in 2015/16:
  - 60 fatalities occurred as a result of traumatic injury while the person was at work
  - 24 fatalities resulted from diseases contracted or aggravated as a result of employment
  - six fatalities occurred while the person was either away from work during recess period or commuting. All these fatalities were a result of vehicle accidents.
- In 2015/16 males accounted for 96 per cent of reported fatalities, while females accounted for four per cent.
- Industries that experienced the highest incidence rates of work-related fatalities during 2015/16 were transport, postal and warehousing (12.6 fatalities per 100,000 employees), agriculture, forestry and fishing (11.4 fatalities per 100,000 employees), construction (9.8 fatalities per 100,000 employees), and rental, hiring and real estate services (6.0 fatalities per 100,000 employees).
- Occupations that experienced the highest number of employment related fatalities during 2015/16 were road and rail drivers (19 fatalities), other labourers (16 fatalities), and machine and stationary plant operators, construction and mining labourers, and chief executives, general managers and legislators (each with five fatalities).
- The 65+ age group had the highest incidence rate of 10.3 fatalities per 100,000 employees during 2015/16.

## Injuries in the workplace (major workplace injuries) where at least one week of weekly benefit entitlement paid

- The incidence rate of workplace injuries reported in 2015/16 decreased to 7.0 injuries per 1,000 employees from 7.1 in 2014/15.
- The frequency rate of workplace injuries reported in 2015/16 remained unchanged, 4.2 injuries per one million hours worked, from 2014/15.
- Injuries to male workers comprised 68 per cent of all major workplace injuries. Injuries to female workers comprised 32 per cent of all major workplace injuries.
- The number of workplace injuries resulting in permanent disability (431) decreased by 83 or 16 per cent from 514 in 2014/15.
- Manual handling was the most common cause of injury in the workplace, accounting for 29 per cent of workplace injuries.
- Industries with the highest incidence rate of workplace injury were:
  - agriculture, forestry and fishing (17.5 injuries per 1,000 employees)
  - manufacturing (13.8 injuries per 1,000 employees)
  - construction (13.6 injuries per 1,000 employees)
  - mining (13.1 injuries per 1,000 employees)
  - transport, postal and warehousing (11.5 injuries per 1,000 employees)
  - public administration and safety (9.9 injuries per 1,000 employees).

## Major occupational diseases<sup>3</sup>

- The incidence rate of occupational diseases was 1.9 diseases per 1,000 employees and the frequency rate was 1.1 diseases per million hours worked.
- Industries with the highest incidence rate of occupational diseases were:
  - mining (6.5 diseases per 1,000 employees)
  - public administration and safety (4.5 diseases per 1,000 employees)
  - manufacturing (4.3 diseases per 1,000 employees)
  - transport, postal and warehousing (3.4 diseases per 1,000 employees)
  - construction (2.6 diseases per 1,000 employees).
- Labourers, machinery operators and drivers, and community and personal service workers accounted for the majority (56 per cent) of occupational diseases. The highest incidence rates of occupational diseases were by machinery operators and drivers (5.7 diseases per 1,000 employees), followed by labourers (5.0 diseases per 1,000 employees), community and personal service workers (2.8 diseases per 1,000 employees), and technicians and trade workers (2.2 diseases per 1,000 employees).
- Occupational deafness and mental diseases together accounted for 12 per cent of all major employment injuries and 56 per cent of occupational diseases.

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<sup>3</sup> Diseases contracted or aggravated by work where at least one week of weekly benefit entitlement was paid

## Other work-related injuries

- The number of other work-related injuries decreased by 13 per cent, from 194 in 2014/15 to 168 in 2015/16.

## Lost time injuries

- There were 47,476 lost time injuries in 2015/16, an increase of 1.5 per cent from 46,782 in 2014/15. The total gross incurred cost for lost time injuries reported in 2015/16 was \$869 million, an increase of \$120 million or 16 per cent from \$749 million in 2014/15<sup>4</sup>.

## Payments<sup>4</sup>

- A total of \$2.65 billion was paid as claim payments through the workers compensation system in the financial year 2015/16, an increase of one per cent from 2014/15.
- Payments for the following major payment categories decreased by more than \$10 million in 2015/16 compared to 2014/15:
  - weekly payments decreased by \$36 million (three per cent), from \$1.03 billion in 2014/15 to \$1.00 billion in 2015/16
  - lump sum payments decreased by \$23 million (14 per cent), from \$158 million in 2014/15 to \$135 million in 2015/16
  - legal costs decreased by \$24 million (25 per cent), from \$97 million in 2014/15 to \$73 million in 2015/16.
- Medical and related payments increased by \$29 million (five per cent), from \$580 million in 2014/15 to \$610 million in 2015/16.
- Damages and common law payments increased by \$67 million (16 per cent), from \$408 million 2014/15 to \$475 million in 2015/16.
- Rehabilitation costs increased by \$22 million (16 per cent), from \$142 million in 2014/15 to \$164 million in 2015/16.
- Benefits paid as a result of workplace injuries represented 72 per cent of payments, while benefits paid as a result of occupational diseases accounted for 25 per cent. The remaining three per cent related to payments for other work-related injuries.
- The most common types of injuries/occupational diseases leading to permanent impairment payments in 2015/16 were for traumatic joint/ligament and muscle/tendon injury.
- Over 2006/07 to 2015/16 the manufacturing industry consistently represented the bulk of payments for injury and occupational diseases.

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<sup>4</sup> Not adjusted for inflation

# Explanatory notes

## Scope and coverage

This report is produced consistently with prior years/series of Statistical Bulletins. The Statistical Bulletin reports on claims that entered insurers' computer systems for the financial year (from 1 July 2015 to 30 June 2016), with data as at 30 November 2016.

The five months allowance to November is to allow for development in claims e.g. for a claim to develop and progress to their reasonably final disability status or confirmed fatality.

Also, the five months allowance to November allows for improvements in data quality including any correction and fixes from insurers' claims reporting systems. This allowance is consistent with reporting of claims for all previous Statistical Bulletins.

The Statistical Bulletin reporting definition is kept consistent with its prior publications.

## Statement of purpose

The purpose of the 2015/16 Statistical Bulletin is to provide key statistics on work, health and safety, and workers compensation. The data and information in the bulletin can be used to assist individuals and organisations in the prevention of workplace injury and minimise the social and economic cost of claims through injury management.

The Statistical Bulletin provides:

- claim counts, cost, time lost and incidence/frequency rates data broken down by demographic characteristics such as industry, occupation and age in tabular format
- comparisons of data for the year 2015/16 to the previous years
- trend data in claim payments and fatalities across 10 year periods
- graphical representation of information and summary explanations.

The main focus of this publication (Sections 1 to 5) is to provide information regarding new major claims reported to agents/insurer systems during the 2015/16 financial year.

Data for previous financial years has also been provided for trend analysis purposes.

The coverage includes liability accepted claims, provisional liability accepted claims and liability denied claims. Some liability denied claims may have had weekly and/or medical payments made before liability was denied, while other liability denied claims may have had investigation expenses and/or legal costs.

This publication is divided into the following sections:

- Section 1: Employment injuries
- Section 2: Fatalities
- Section 3: Workplace injuries
- Section 4: Occupational diseases
- Section 5: Other work-related injuries
- Section 6: Lost time and all injuries
- Section 7: Payments



**Sections 1-5** primarily focus on all new major workers compensation injuries reported in 2015/16<sup>5</sup>, as either a processed claim or a claim under provisional liability, satisfying the following conditions:

- the injury resulted in death, permanent disability, or temporary disability with at least one week of weekly benefit entitlement paid
- the claim entered the insurer's computer system on or after 1 July 2015 and on or before 30 June 2016.

Workers compensation claims are referred as injuries/diseases throughout the publication.

**Section 6** primarily focuses on information about all new injuries (major and minor) reported in 2015/16<sup>6</sup>. This section was expanded in 2013/14 bulletin to include information on all injuries as well as lost time injuries.

**Section 7** shows the magnitude of all workers compensation payments made in the financial year and relates to all claims that have had any payments in 2015/16<sup>7</sup>, including claims of less than five days as well as long-term claims occurring in earlier years. Payments are not adjusted for inflation, except those adjusted in Figure 41.

**Appendix A: Incidence rate** calculation provides the methodology used to calculate the incidence rate.

**Appendix B: Glossary** defines terms and concepts used within this publication.

**Appendix C: Classifications** contains details of the classification systems relevant to claims reported during the 2015/16 financial year including bodily location of injury/disease, mechanism of incident, nature of injury/disease, breakdown agency, industry and occupation.

**Appendix D: Summary of changes** provides information on the key legislative changes impacting on workers compensation claims and payment statistics.

**Appendix E: Tables** contains summary tables to complement the information provided in each section.

**Appendix F: Data Quality Statement** aims to help you understand how a particular dataset could be used and whether it can be compared with other, similar datasets. It provides a description of the characteristics of the data to help you decide whether the data will be fit for your specific purpose.

## Groupings and sub-totals

Many tables in [Appendix E](#) of this publication show different levels or groupings within each classification (for example, the industry or occupation tables). Main groupings are indicated in bold, while sub-groups are in non-bold font under the associated group heading. Sub-group statistics sum to the associated group statistics (except for incidence rate, frequency rate, average and median), while group statistics add to the total provided at the foot of the table.

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<sup>5</sup> Trend analysis is limited to injuries reported between 2012/13 and 2015/16 in Sections 1, 3, 4 and 5 due to the change in definition of 'major claim' from 1 July 2012. Trend analysis for fatalities in Section 2 is provided for the 10 years to 2015/16.

<sup>6</sup> Trend analysis is limited to claims reported between 2012/13 and 2015/16 in Section 6 due to the change in definition of 'lost time claim' from 1 July 2012

<sup>7</sup> Trend analysis on workers compensation payments made in the 10 financial years to 2015/16 is included

## Rounding errors

In this publication, payment data in tables is rounded down to the nearest \$1,000, time lost data is rounded to the nearest 0.1 week and percentages are rounded to the nearest integer. Due to this rounding, the totals in the tables will not always exactly equal the sum of the components.

## Confidentiality

To maintain confidentiality, information about time lost and gross incurred cost have not been released if the figures are based on less than four frequency counts. This is indicated in the tables by 'n.p.' (not published).

## Data collection

2015/16 statistical data was collected from scheme agents, self-insurers, specialised insurers, the NSW Government Treasury Managed Fund and the NSW Uninsured Liability and Indemnity Scheme.

## Injuries/diseases not included in this publication

Statistics in this publication do not include all work-related employment injuries occurring in NSW. The following exclusions apply:

1. Injuries and diseases for which workers compensation or provisional liability claim has not been made.
2. Injuries to persons not entitled to workers compensation under the NSW legislation.

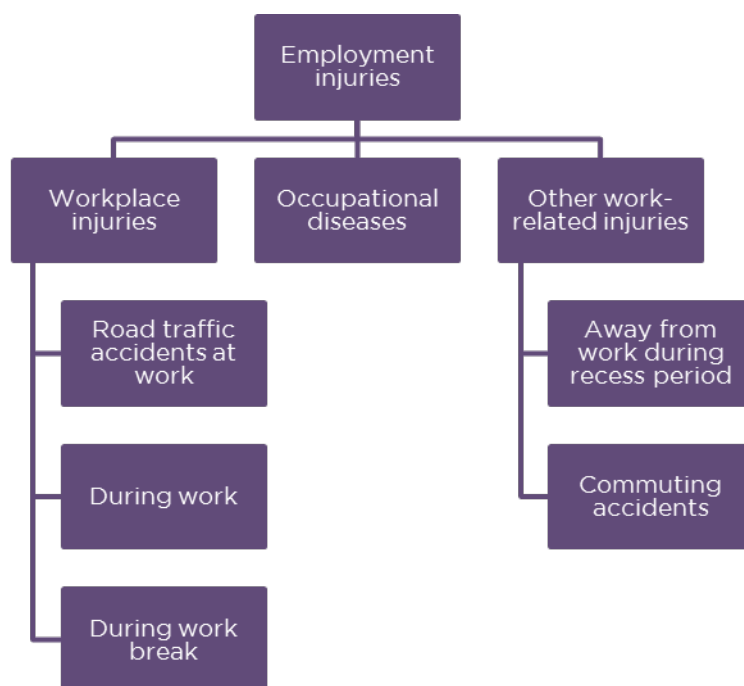
These include:

- most self-employed persons
- employees of the Australian Government or those self-insured with the Commonwealth
- employees suffering from diseases caused by the inhalation of dust, except in coal mining, as provision for compensation in these cases is made under other legislation
- members of the NSW Police Service recruited prior to 1 April 1988. Police recruited after this date are covered under the NSW legislation, as are non-police employees of the NSW Police Service.

Care should be exercised when comparing data published in this Statistical Bulletin to other publications. Differences in source data and methodologies will result in differences in the statistics. For example, Safe Work Australia uses three datasets to obtain information on work-related fatalities, whereas fatalities in this Statistical Bulletin is solely sourced from SIRA's statistical claims file.

## Classification of employment injuries

There are several categories of employment injuries and the relationship between these is shown below. Each of these categories is further defined in [Appendix B: Glossary](#).



## Classification systems

### Type of occurrence

Injury and disease data reported in 2015/16 are classified according to the Type of Occurrence Classification System, 3rd Edition – Revision 1 (TOOCS 3.1) Australian Safety and Compensation Council (ASCC), Canberra, 2008. This classification system provides more detail than the previous system used to classify injury and disease data, Type of Occurrence Classification System, Second Edition – Revision 1 (TOOCS 2.1), National Occupational Health and Safety Commission (NOHSC), Canberra 2002. Refer to [Appendix C](#) for further details of TOOCS 3.1.

### Industry

Industry data reported in 2015/16 are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 edition (Australian Bureau of Statistics (ABS) Catalogue No. 1292.0). Industries were previously classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993 edition (ABS Catalogue No1292.0). Refer to [Appendix C](#) for further details of ANZSIC 2006.

### Occupation

Occupation data reported in 2015/16 are classified according to the Australian and New Zealand Standard Classification of Occupations (ANZSCO) 2006 (ABS Catalogue No. 1220.0). Occupations were previously classified according to the Australian Standard Classification of Occupations (ASCO2), 2nd edition 1997 (ABS Catalogue No 1222.0). Refer to [Appendix C](#) for further details of ANZSCO 2006.

## Comparison of the 2015/16 Statistical Bulletin with previous publications

Particular care should be exercised when making comparisons with NSW workers compensation data published prior to 2012/13. Trend analysis is limited between 2012/13 and 2015/16 for Sections 1, 3, 4, 5 and 6 due to the changes in the definitions of 'major claim' and 'lost time claim' for claims reported from 1 July 2012.

- Change in definition of 'major claim':
  - the definition of 'major claim' for the latest four Statistical Bulletins was changed to reflect legislative changes introduced from 1 October 2012. In the 2012/13 and subsequent editions of the Statistical Bulletin a 'major claim' is one where the injury resulted in death, permanent disability, or temporary disability with at least one week of weekly benefit entitlement paid. Temporary disability claims become 'major claims' when the injured worker is paid 95% of their pre-injury average weekly earnings. For part time workers, their average weekly earnings would be calculated for a working week of less than five days.
  - in the Statistical Bulletins from 1990/91 to 2011/12, a 'major claim' was defined as one where the injury resulted in death, permanent disability, or temporary disability when five or more days were paid for total incapacity.
- Change in definition of 'lost time claim':
  - the definition of 'lost time claim' for the latest four Statistical Bulletins was changed. In the 2012/13 and subsequent editions of the Statistical Bulletin 'lost time claims' include all claims (major and minor) reported in the respective financial year where the injury resulted in death, permanent disability, or temporary disability with at least one day off from work
  - in the 2011/12 and previous editions of the Statistical Bulletin the definition of 'lost time claims' include all claims (major and minor) reported in the respective financial year where the injury resulted in death, permanent disability, or temporary disability and where one or more days have been paid for total incapacity.

The following limitations should be noted when comparing information in this publication with previous editions or interpreting trends over time:

- change in classification system used for occupation data
  - claims reported from 2011/12 are classified according to the Australian and New Zealand Standard Classification of Occupations (ANZSCO), 2006 (ABS Catalogue No. 1220.0)
  - claims reported between 2002/03 and 2010/11 were classified in accordance with the Australian Bureau of Statistics (ABS) Australian Standard Classification of Occupations (ASCO), Second Edition 1997 (ABS Catalogue No 1222.0)
  - claims reported between 1990/91 and 2001/02 were classified in accordance with the ABS Australian Standard Classification of Occupations (ASCO), First Edition 1986.
- change in classification system used for industry data
  - claims reported from 2011/12 are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), 2006 edition (ABS Catalogue No. 1292.0)

- claims reported between 1997/98 and 2010/11 were classified in accordance with the Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993 edition (ABS Catalogue No1292.0)
- claims reported before 1997/98 were classified in accordance with the Australian Standard Industrial Classification (ASIC), 1983 edition (ABS Catalogue No 1201.0).
- change in classification system used for injury and illness data (agency of injury/disease, bodily location of injury, breakdown agency, mechanism of injury/disease, mechanism of incident, and nature of injury/disease)
  - claims reported from 2011/12 are classified in accordance with the Type of Occurrence Classification System, 3rd Edition – Revision 1 (TOOCS 3.1) ASCC Canberra 2008
  - claims reported between 2002/03 and 2010/11 were classified in accordance with the Type of Occurrence Classification System, Second Edition – Revision 1 (TOOCS 2.1), National Occupational Health and Safety Commission, Canberra 2002
  - claims reported between 1991/92 and 2001/02 were classified in accordance with the Type of Occurrence Classification System, First edition (TOOCS 1.0), WorkSafe Australia, 1990.
- injuries reported to insurers under the ‘provisional liability’ provisions of NSW workers compensation legislation have been included in editions of the Statistical Bulletin for claims reported from 1 January 2002.
- there are two main changes to the way denominator data is calculated by the ABS from 2000/01:
  - **change in methodology:** in 2008, the ABS revised the methodology used for estimating the number of employees and hours worked in NSW. The ABS provided the State Insurance Regulatory Authority (SIRA) and SafeWork NSW with denominator data based on the revised methodology for financial years since 2000/01. Denominator data based on the revised ABS methodology has been used in Statistical Bulletins since 2008/09 for all years reported.  
  
As such, trends in incidence and frequency rates reported in Statistical Bulletins prior to 2008/09 are not comparable with trends in incidence and frequency rates reported in the 2008/09 Statistical Bulletin to the current edition
  - **proportional allocation:** until 2003/04 individual responses to the Labour Force Survey questionnaire which could not be coded to the third digit level of industry or fourth digit level of occupation were proportionally allocated to those levels. The ABS has deemed this to be no longer appropriate for the dissemination of Labour Force Survey industry and occupation data. In 2004/05, responses that could not be coded to the most detailed level of industry and occupation were allocated to ‘Not Further Defined’ codes.
- due to a reclassification of road traffic injuries in 2004/05, workplace and other work-related injury statistics in Statistical Bulletins prior to 2004/05 are not readily comparable with workplace and other work-related injury statistics since the 2004/05 edition of the Statistical Bulletin. For a description of issues impacting on comparability, please refer to the ‘Classification of employment injuries’ row in the next table

- changes in the way the data is used for Average Weekly Earnings (AWE). The AWE is derived from the ABS publication *6302.0 Average Weekly Earnings, Australia, TABLE 13A. Average Weekly Earnings, New South Wales (Dollars) – Original*
  - for the 2014/15 and 2015/16 Statistical Bulletins the AWE is calculated based on the May figure within the reporting year (for example, May 2016 AWE is used for the 2015/16 reporting year)
  - in the 2013/14 Statistical Bulletin the AWE was calculated based on the November figure within the reporting year (for example, November 2013 AWE is used for the 2013/14 reporting year)
  - in the Statistical Bulletins prior to 2013/14, the AWE was calculated based on the average of the November and May figures within the reporting year (for example, the average of November 2012 AWE and May 2013 AWE is used for the 2012/13 reporting year).

## Summary of differences between workers compensation publications

The table below summarises the differences between the workers compensation publications.

Item	1987/88 to 1989/90	1990/91	1991/92	1992/93 to 1996/97	1997/98 to 2000/01	2001/02	2002/03	2003/04	2004/05 to 2006/07	2007/08	2008/09 to 2010/11	2011/12	2012/13 to 2015/16
Definition of new claim used for inclusion into Sections 1 to 5 of the publication	Date of injury, or date the disease was reported to the employer, was within the financial year of the reference period	Claim entered into insurer’s system in the financial year of the reference period				Expanded from 1 January 2002 to include notifications to insurers under provisional liability							
Level of injury severity used for inclusions in Sections 1 to 5 of the publication	Death, permanent injury or temporary disability with any time paid for total incapacity	Major claims – death, permanent injury or temporary disability with five or more days paid for total incapacity											Major claims – injury resulted in death, permanent disability, or temporary disability with at least one week of weekly benefit entitlement paid
Definition of lost time claim used for inclusion into Section 6 of the publication	All claims (major and minor) reported in the respective financial year where the injury resulted in death, permanent disability, or temporary disability and where one or more days have been paid for total incapacity												All claims (major and minor) reported in the respective financial year where the injury resulted in death, permanent disability, or temporary disability with at least one day off from work
Classification systems for coding injury and disease	ABS Classification		WorkSafe Australia Type of Occurrence Classification System, Release 1			NOHSC Type of Occurrence Classification System, Release 2.1					ASCC Type of Occurrence Classification System, Release 3.1		
	World Health Organisation’s Classification of Diseases												
Classification systems for coding industry	Australian Standard Industrial Classification (ASIC) - 1983	Australian Standard Industrial Classification (ASIC) - 1983. Different levels of groupings are provided in relevant publications. Data quality problems in manufacturing, construction, public admin and transport and storage in the 1993/94 publication			Australian and New Zealand Standard Industrial Classification (ANZSIC) – 1993						Australian and New Zealand Standard Industrial Classification (ANZSIC) – 2006		

Item	1987/88 to 1989/90	1990/91	1991/92	1992/93 to 1996/97	1997/98 to 2000/01	2001/02	2002/03	2003/04	2004/05 to 2006/07	2007/08	2008/09 to 2010/11	2011/12	2012/13 to 2015/16
Classification systems for coding occupation	Classification and Classified List of Occupations (CCLO) was used in 1987/88  Australian Standard Classification of Occupations (ASCO) was used in 1988/89 and 1989/90. The Joint Coal Board continued to use CCLO for 1988/89 and 1989/90	Australian Standard Classification of Occupations (ASCO Version 1)					Australian Standard Classification of Occupations (ASCO Version 2)					Australian and New Zealand Standard Classification of Occupations (ANZSCO) - 2006	
Gross incurred cost associated with coal mining	Published only for employment injury	Not published		Published									
Injuries or diseases associated with coal mining	Published	Not published	Published										
Basis for determining ABS denominator data	1996 Census data							2001 Census data	Not provided as under review	New ABS incidence and frequency rates back cast to 2000/01		2010-16 Census data	
Treatment of labour force surveys that cannot be allocated to a 3 <sup>rd</sup> level industry or 4 <sup>th</sup> level occupation	Proportionally allocated to the relevant level								Added to a 'not further defined' category				
Classification of employment injuries	Road traffic accidents at work are classified as 'other work-related injuries'								From 2004/05 road traffic injuries where an injured person was on duty are classified as 'workplace injuries'				



## Gross incurred costs

The gross incurred costs in the 2015/16 Statistical Bulletin are not comparable with the 2012/13, 2013/14 and 2014/15 Statistical Bulletins reports. A new estimate type (liability for weekly compensation), was introduced in October 2012 and these estimates were excluded from the gross incurred costs reported in the 2012/13, 2013/14 and 2014/15 Statistical Bulletins.

For this 2015/16 Statistical Bulletin report, the new liability estimate is included in the gross incurred cost calculation for all reported years.

Note that the payments are not affected by this change in the calculation of gross incurred costs.

# Section 1: Employment injuries

This section covers major employment injuries. Refer to [Appendix B: Glossary](#) for an explanation of employment injuries.

## Trends 2012/13 to 2015/16

### Number, incidence and frequency rates, and gross incurred cost

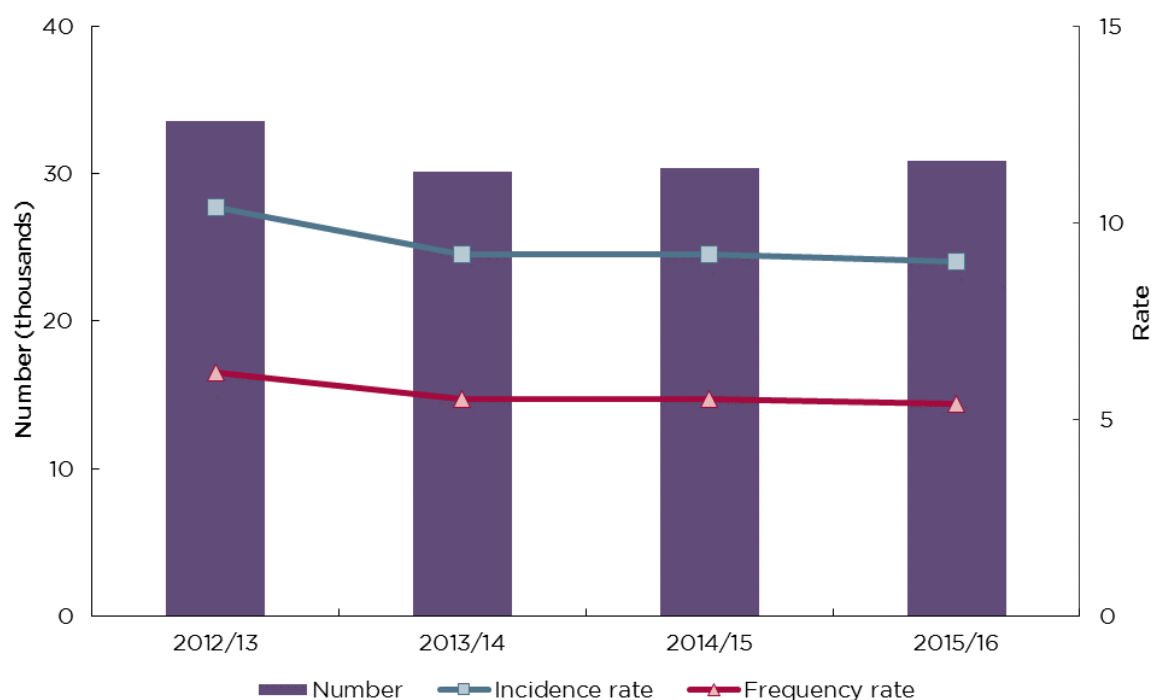
The number of major employment injuries reported in 2015/16 was 30,861, an increase of 470 or 1.5 per cent from 30,391 in 2014/15 (refer to Figure 1).

The incidence rate (employment injuries per 1,000 employees) of major employment injuries decreased by 2.2 per cent to nine injuries per 1,000 employees in 2015/16 from 9.2 injuries per 1,000 employees in 2014/15. The frequency rate (number of injuries per million hours worked) of major employment injuries decreased by 1.8 per cent to 5.4 injuries per million hours worked in 2015/16 from 5.5 injuries per million hours worked in 2014/15. In comparison to 2012/13 both incidence and frequency rates declined by 13 per cent.

Injuries resulting in permanent disability decreased by 202, or seven per cent, from 2,706 in 2014/15 to 2,504 in 2015/16. Injuries resulting in temporary disabilities increased by 660, or two per cent, from 27,607 in 2014/15 to 28,267 in 2015/16.

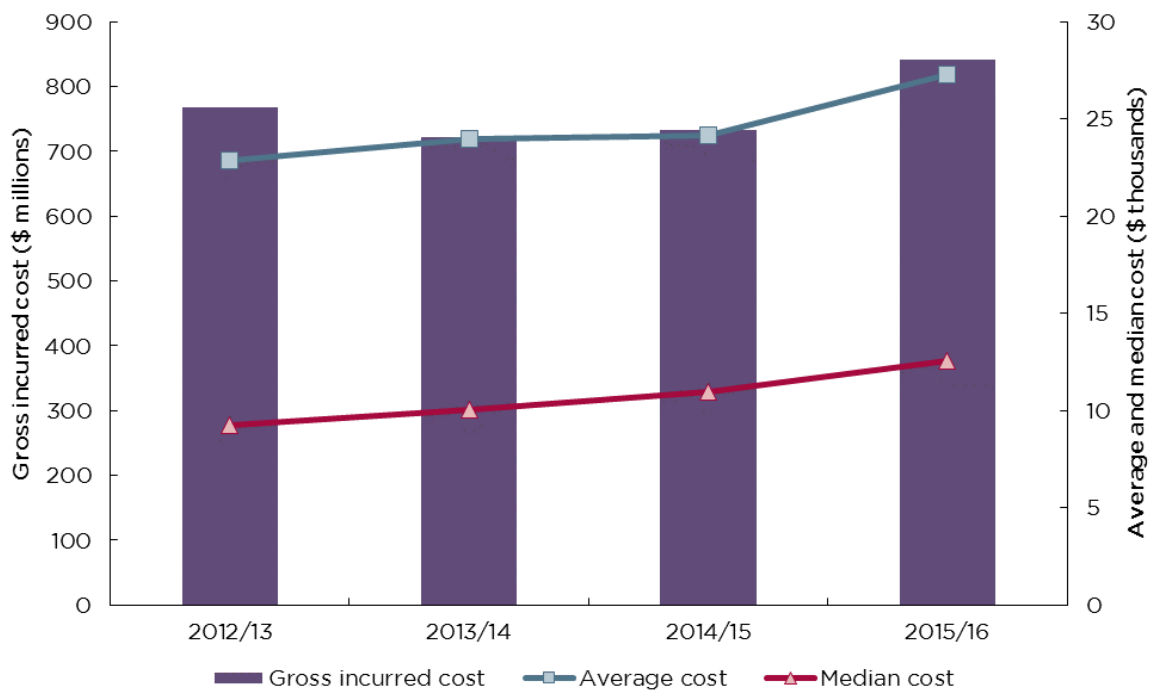
There were 21,015 injuries to males, including 86 fatalities and 2,298 permanent disabilities in 2015/16. Of the 9,846 injuries to females, four were fatal and 206 resulted in permanent disability.

**Figure 1 – Number, incidence and frequency rates of major employment injuries 2012/13 to 2015/16**



The total gross incurred cost of employment injuries in 2015/16 was \$842 million, an increase of 15 per cent from \$734m in 2014/15 (refer to Figure 2).

**Figure 2 – Gross incurred cost of major employment injuries 2012/13 to 2015/16**



## Employment injuries 2015/16

### Gross incurred cost and time lost

Of the 30,861 employment injuries in 2015/16, eight per cent resulted in permanent disabilities. Approximately 80 per cent of employment injuries resulted in time lost of less than six months.

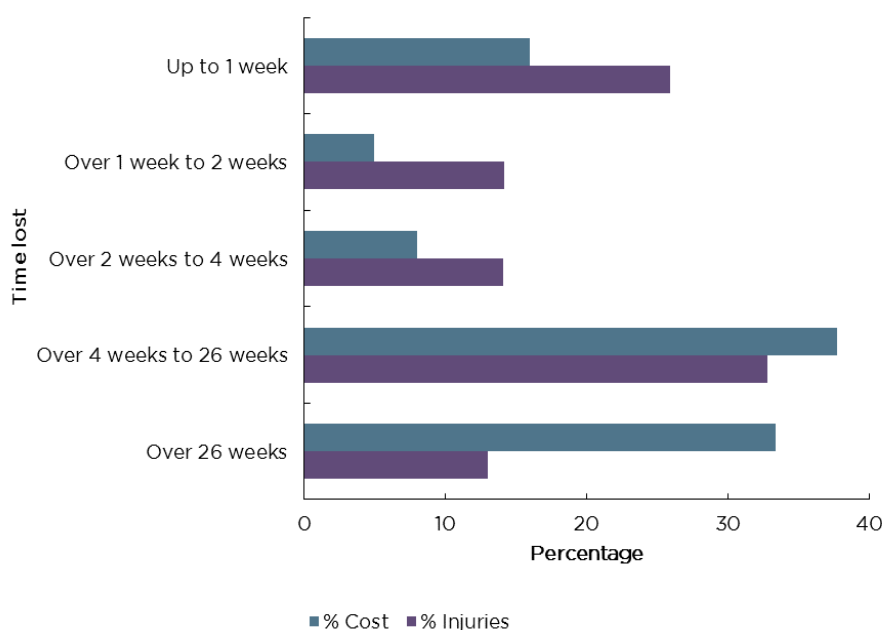
Table 1 illustrates that a total of \$464 million was paid out for employment injuries reported in 2015/16. The total gross incurred cost for employment injuries in 2015/16 was \$842 million, an increase of \$108 million or 15 per cent from \$734 million in 2014/15. The average gross incurred cost for employment injury in 2015/16 was \$27,269, however, half the injuries in that period resulted in a gross incurred cost of \$12,553 or less.

**Table 1 – Gross incurred cost of major employment injuries by nature of occurrence 2015/16**

Category		Number of injuries	Non-compensation payments \$'000	Compensation payments \$'000	Total payments \$'000	Estimate of liability \$'000	Gross incurred cost \$'000	Average gross incurred cost \$
Workplace injuries	<b>Workplace injuries</b>	<b>24,153</b>	<b>19,470</b>	<b>333,517</b>	<b>352,986</b>	<b>253,824</b>	<b>606,811</b>	<b>25,124</b>
	During work	23,704	18,828	322,005	340,832	240,985	581,818	24,545
	During work break	65	60	907	967	434	1,401	21,552
	Road traffic accidents at work (Post 03/04)	384	582	10,605	11,187	12,405	23,592	61,438
Other work-related injuries	<b>Other work-related injuries</b>	<b>168</b>	<b>171</b>	<b>3,725</b>	<b>3,895</b>	<b>6,117</b>	<b>10,012</b>	<b>59,600</b>
	Away from work during recess period	115	119	2,185	2,304	2,372	4,676	40,664
	Commuting accidents	53	52	1,540	1,591	3,745	5,336	100,688
Occupational diseases	<b>Occupational diseases</b>	<b>6,540</b>	<b>18,261</b>	<b>89,284</b>	<b>107,545</b>	<b>117,179</b>	<b>224,724</b>	<b>34,361</b>
<b>Total</b>		<b>30,861</b>	<b>37,901</b>	<b>426,526</b>	<b>464,427</b>	<b>377,121</b>	<b>841,548</b>	<b>27,269</b>

Figure 3 illustrates that temporary disability injuries resulting in over 26 weeks paid for incapacity accounted for 13 per cent of all temporary disability injuries and 33.4 per cent of the gross incurred cost. In contrast, temporary disability injuries with up to one week off work accounted for 25.9 per cent of all temporary disability injuries and 16.0 per cent of the gross incurred cost.

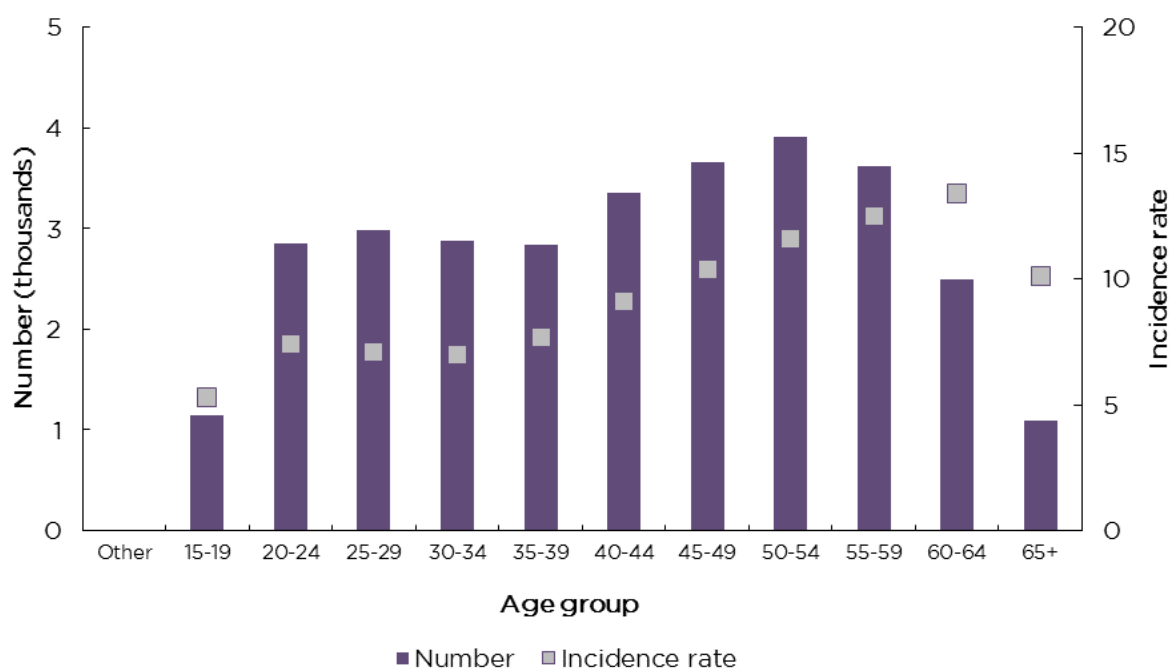
**Figure 3 – Distribution and gross incurred cost of major employment injuries by time lost for temporary disabilities 2015/16**



## Age distribution

The highest number of injuries was experienced by people aged between 50–54 years, while the highest incidence rate was experienced by people between the ages of 60–64 (refer to Figure 4).

**Figure 4 – Number and incidence rate of major employment injuries by age 2015/16**



## Industry distribution

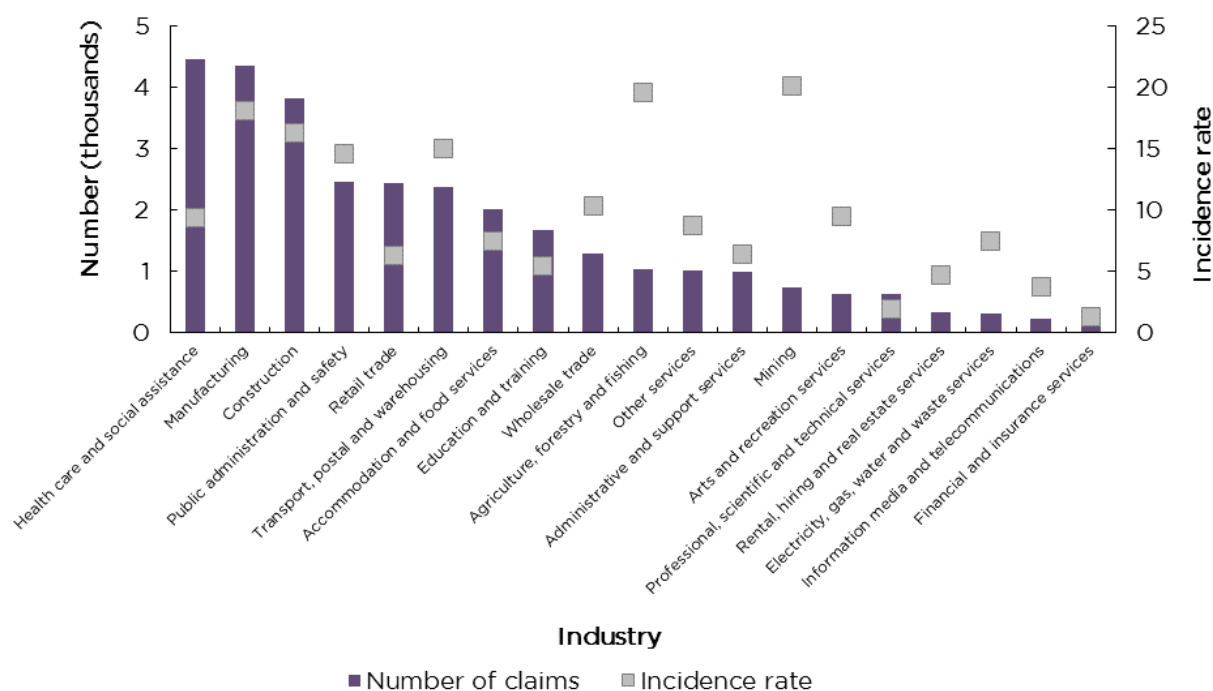
The nine industries, shown in Table 2, experienced incidence rates higher than the NSW system incidence rate of 9.0 injuries per 1,000 employees for employment injuries in 2015/16.

**Table 2 – Major employment injuries: high-risk industries 2015/16**

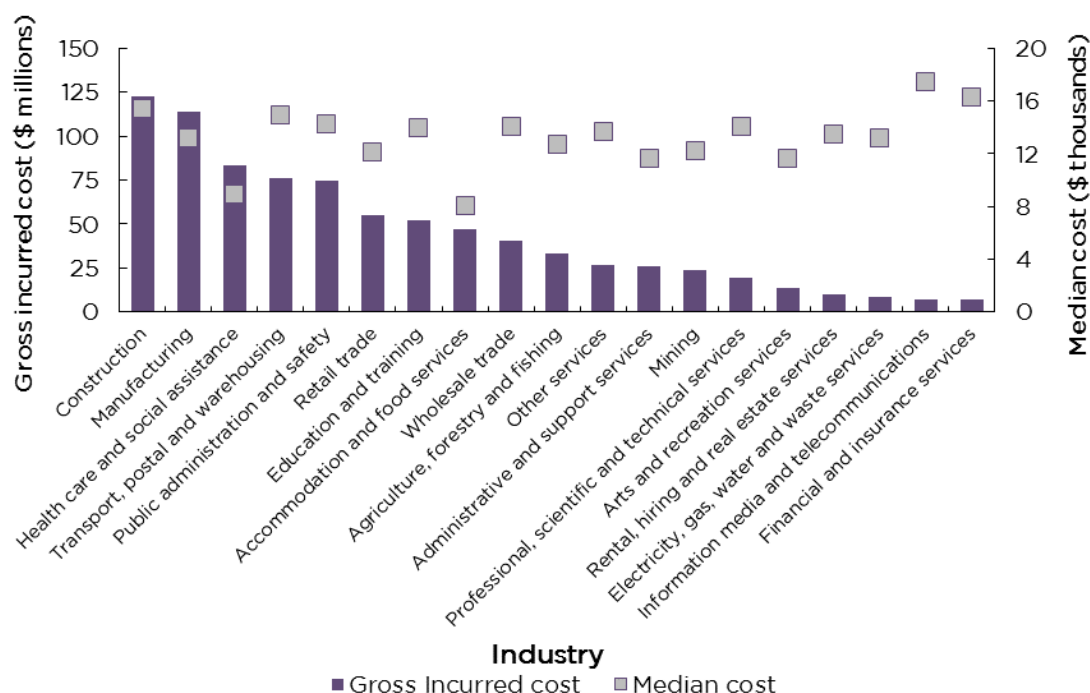
Industry	Number of injuries	Incidence rate
Mining	724	20.1
Agriculture, forestry and fishing	1,037	19.6
Manufacturing	4,352	18.1
Construction	3,827	16.3
Transport, postal and warehousing	2,370	15.0
Public administration and safety	2,447	14.6
Wholesale trade	1,293	10.3
Arts and recreation services	620	9.5
Health care and social assistance	4,453	9.3

The distribution of employment injuries by industry incidence rates and gross incurred cost is illustrated in Figures 5 and 6. The highest numbers of employment injuries by industry division were reported in health care and social assistance (4,453), followed by manufacturing (4,352) and construction (3,827). The lowest numbers of employment injuries by industry division were reported in financial and insurance services (182), information media and telecommunications (215), and electricity, gas, water and waste services (310).

**Figure 5 - Number and incidence rate of major employment injuries by industry 2015/16**



**Figure 6 - Gross incurred cost of major employment injuries by industry 2015/16**



## Occupation distribution

The distribution of major employment injuries by occupation is illustrated in Figure 7. Labourers had the highest number of injuries (7,857) and the highest incidence rate (26.4 injuries per 1,000 employees) in 2015/16. The second highest incidence rate was reported for machinery operators and drivers (24.5 injuries per 1,000 employees). Clerical and administrative workers had the lowest number of injuries (1,265) and the lowest incidence rate (2.5 injuries per 1,000 employees) in 2015/16.

**Figure 7 – Number and incidence rate of major employment injuries by occupation 2015/16**

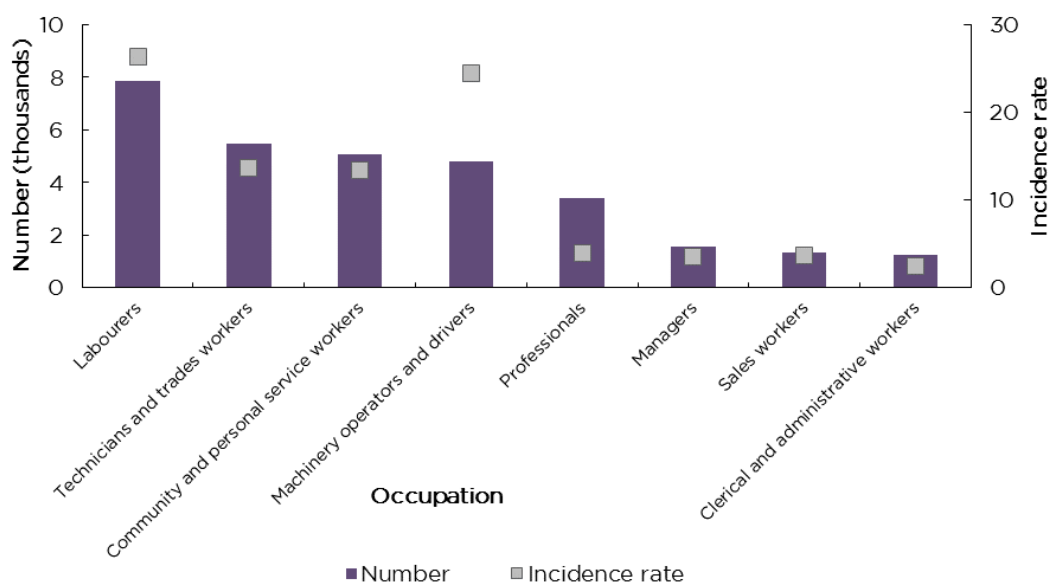
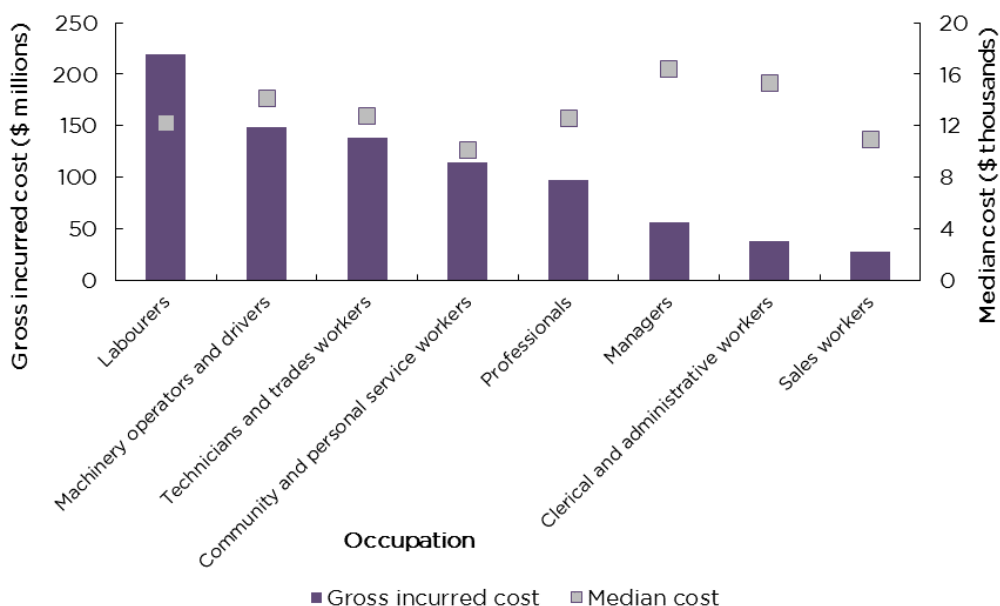


Figure 8 illustrates labourers had the highest gross incurred cost of injuries at \$219 million, followed by machinery operators and drivers at \$149 million, technicians and trades workers at \$138 million, and community and personal service workers at \$114 million. Managers had the highest average gross incurred cost (\$36,213) and median cost (\$16,362) per injury.

**Figure 8 – Gross incurred cost of major employment injuries by occupation 2015/16**



## Section 2: Fatalities

Fatalities included in this section are those for which a workers compensation claim has been lodged, or a notification has been received that may result in a claim, with an insurer in 2015/16 and the person dies as a result of the condition.

Claims reported in 2015/16 are counted as fatalities in 2015/16 if the result of injury as at 30 November 2016 was death. This allowance for claims to develop after 30 June is consistent with treatment of fatalities for previous Statistical Bulletins.

Fatalities are defined as employment injuries and diseases resulting in the death of the injured worker. This category includes workers killed at work or when a worker subsequently dies of injuries received at work. Fatalities include notifications of work-related injuries and liability accepted claims.

Refer to [Appendix B](#) for further details.

### Trends 2006/07 to 2015/16

#### Number, incidence and frequency rates

There were 90 employment related fatalities reported in 2015/16, representing an incidence rate of 2.6 fatalities per 100,000 employees (refer to Table 3). Employment related fatalities decreased by 34 per cent from 137 in 2006/07 to 90 in 2015/16. Since the 2013/14 year, employment related fatalities increased by 34 per cent from 67 fatalities in 2013/14 to 90 fatalities in 2015/16. This increase in this period was mainly due to occupational diseases (fatalities increased from 17 in 2013/14 to 25 in 2014/15) and road traffic accidents at work (fatalities increased from eight in 2014/15 to 17 in 2015/16).

**Table 3 – Employment related fatalities 2006/07 to 2015/16**

Year	Number of fatalities	Incidence rate <sup>8</sup>	Frequency rate <sup>9</sup>
2006/07	137	4.6	0.03
2007/08	124	4.1	0.02
2008/09	139	4.6	0.03
2009/10	113	3.7	0.02
2010/11	117	3.7	0.02
2011/12	122	3.8	0.02
2012/13	103	3.2	0.02
2013/14	67	2.1	0.01
2014/15	78	2.4	0.01
2015/16	90	2.6	0.02

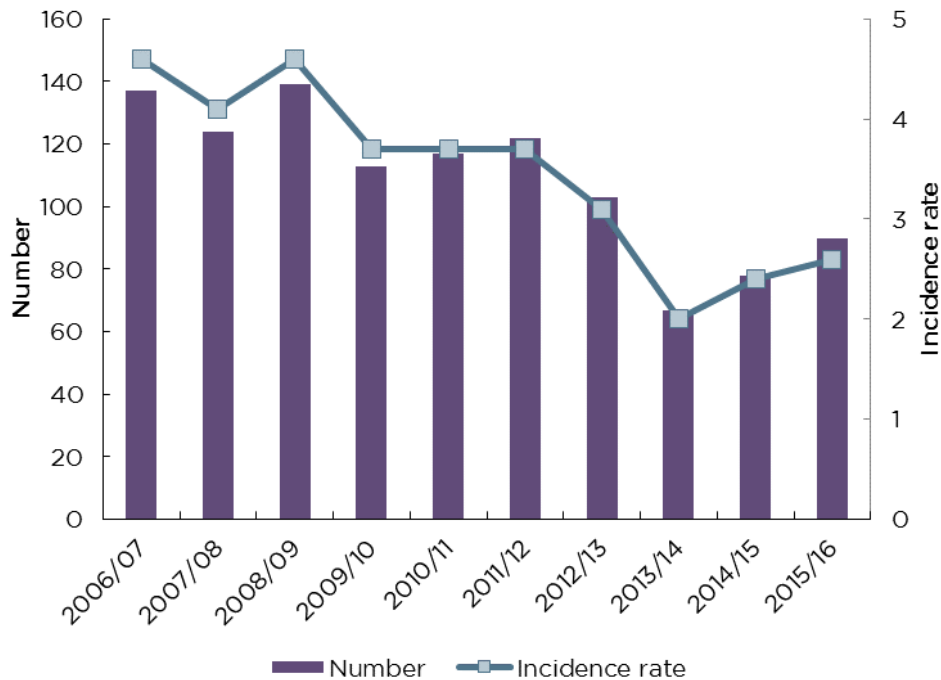
<sup>8</sup> Incidence rate is the number of fatalities per 100,000 workers

<sup>9</sup> Frequency rate is the number of fatalities per million hours worked



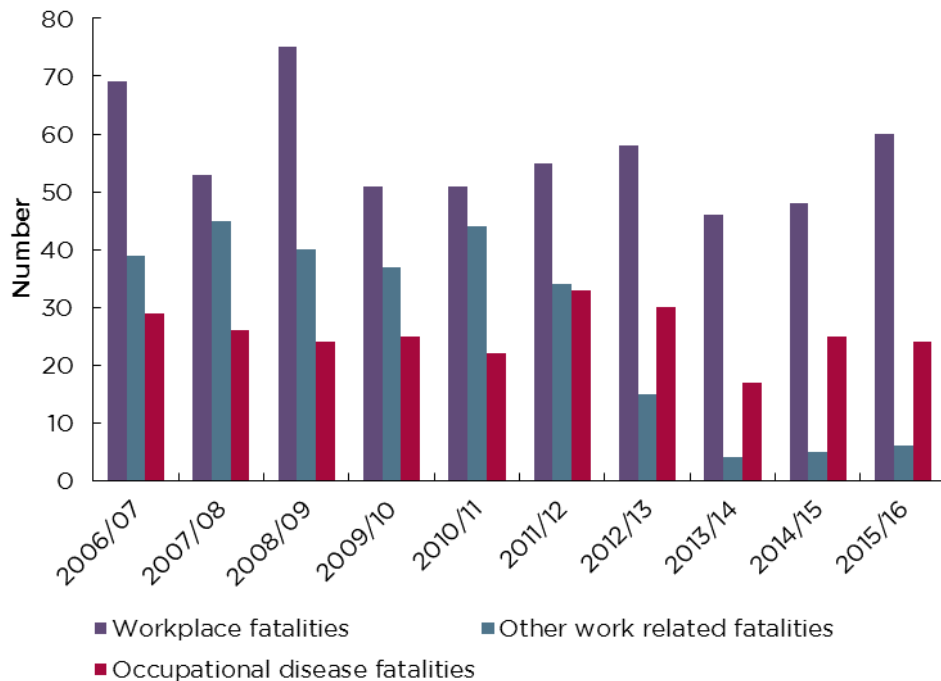
The employment related fatality incidence rate (number of fatalities per 100,000 employees) decreased by 43 per cent since 2006/07 (refer to Figure 9).

**Figure 9 – Number and incidence rates of fatalities 2006/07 to 2015/16**



Figures 10 and 11 illustrate the distribution of employment related fatalities by nature of occurrence of employment injuries.

**Figure 10 – Number of fatalities by nature of occurrence of employment injuries 2006/07 to 2015/16**



**Figure 11 – Percentage of fatalities by nature of occurrence of employment injuries 2006/07 to 2015/16**



## Fatalities 2015/16

Of the 90 employment related fatalities reported in 2015/16:

- 60 fatalities or 67 per cent occurred as a result of traumatic injuries while the person was at work. 17 fatalities resulted from road traffic accidents while at work, which is 52 per cent above the five-year average (11.2 fatalities). 10 fatalities or 11 per cent occurred while the person was away from their place of work or base of operation
- 24 fatalities or 27 per cent resulted from diseases contracted or aggravated as a result of employment (occupational diseases)
- six fatalities or seven per cent occurred while the person was either away from work during recess period or commuting. All these fatalities were a result of vehicle accidents
- males accounted for 86 fatalities or 96 per cent, while females accounted for four fatalities or four per cent in 2015/16
- 17 fatalities or 19 per cent occurred prior to 2015/16 and were reported in the 2015/16 financial year. Workplace injuries accounted for 10 of these fatalities, of which seven fatalities have a date of injury in 2013/14 or 2014/15. Occupational diseases accounted for six of these fatalities, with four asbestos claims and the other two being cancer claims. Only one of the 17 fatalities was the result of other work-related injuries (motor vehicle accident)
- 56 fatalities or 62 per cent have liability status accepted, 26 fatalities or 29 per cent have liability status denied and the remaining eight fatalities or nine per cent are either notification claims or the liability status has not yet been determined
- six fatalities or seven per cent of these claims have a gross incurred cost of zero. Three of these fatalities have liability status denied, two claims have been accepted, and one has a liability status that has not yet been determined.

Of the occupational disease fatalities reported in 2015/16:

- males accounted for 22 fatalities or 92 per cent
- circulatory system diseases contributed to 16 fatalities or 67 per cent.

## Industry distribution

Industries with employment related fatality incidence rates above the NSW average in 2015/16 are listed in Table 4.

**Table 4 – Industries with the highest fatality incidence rates 2015/16**

Industry	Number of fatalities	Incidence rate <sup>10</sup>
Transport, postal and warehousing	20	12.6
Agriculture, forestry and fishing	6	11.4
Construction	23	9.8
Rental, hiring and real estate services	4	6.0
Mining	2	5.6
Public administration and safety	7	4.2
Manufacturing	9	3.7
Wholesale trade	4	3.2
<b>NSW total</b>	<b>90</b>	<b>2.6</b>

## Occupation distribution

In 2015/16 occupations with the highest number of employment related fatalities were road and rail drivers (19 fatalities), other labourers (16 fatalities), machine and stationary plant operators (five fatalities), construction and mining labourers (five fatalities) and chief executives, general managers and legislators (five fatalities). These occupations had incidence rates of 22.1, 31.9, 13.2, 12.3 and 12.0 per 100,000 employees, respectively.

## Age distribution

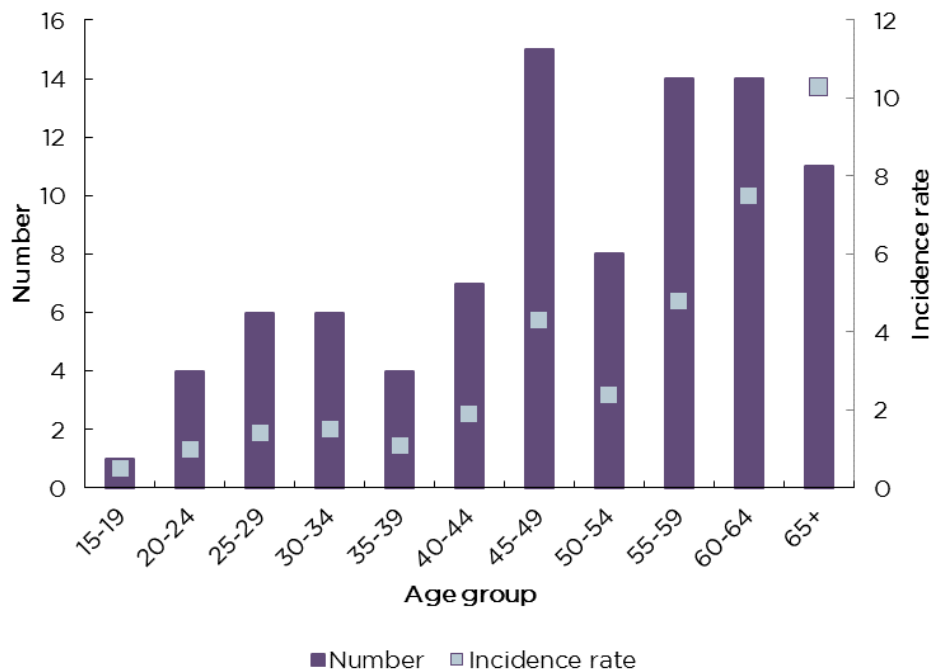
Figure 12 illustrates the distribution of fatalities by age group.

The 45-49 age group had the highest number of employment related fatalities (15 fatalities), followed by the 55-59 and 60-64 age groups (14 fatalities each), 65 and over age group (11 fatalities) and 50-54 age group (eight fatalities). Workers less than 25 years of age accounted for six per cent of all fatalities. The highest incidence rate of 10.3 per 100,000 employees was recorded for the 65+ age group.

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<sup>10</sup> Incidence rate is the number of fatalities per 100,000 workers

Figure 12 – Number and incidence rates of fatalities by age 2015/16



## Younger workers

There were five employment related fatalities among workers under the age of 25. All of these were male workers. Being hit by moving objects was the most common cause of fatal injury in this age group, accounting for two of the fatalities.

## Fatalities 10-year summary

A total of 1,090 employment related fatalities were reported during the 10 years from 2006/07 to 2015/16.

## Workplace fatalities

A total of 566 workplace fatalities were reported during the 10 years from 2006/07 to 2015/16. There were 60 workplace fatalities in 2015/16, which is six per cent greater than the 10-year average of 56.6 fatalities.

The industry distribution<sup>11</sup> of workplace fatalities reported during the 10 years from 2006/07 to 2015/16 is given in Figure 13.

<sup>11</sup> Refer to [Appendix C: Classifications](#) for the mapping used to map ANZSIC 1993 divisions to the ANZSIC 2006 divisions

**Figure 13 – Total number of workplace fatalities by top industry divisions 2006/07 to 2015/16**

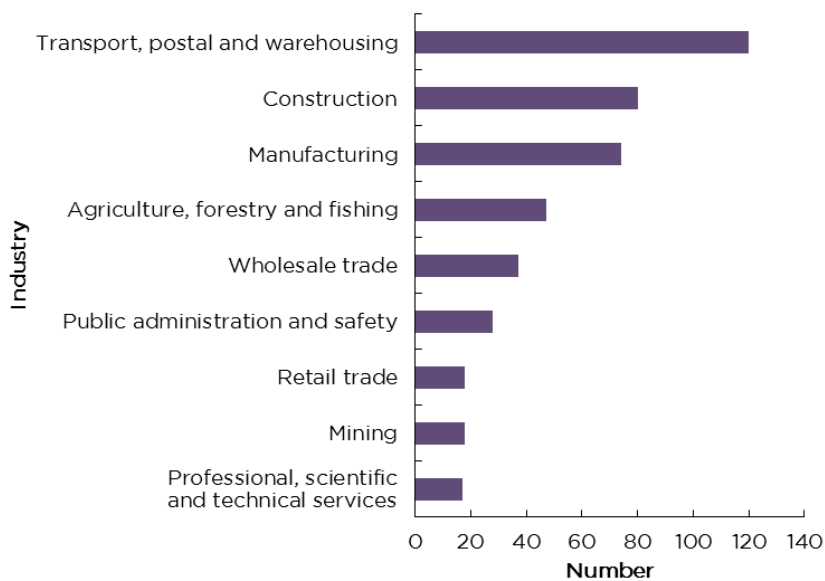


Table 5 summarises the top 10 mechanisms and breakdown agencies of injury leading to workplace fatalities for the 10-year period 2006/07 to 2015/16.

**Table 5 – Workplace fatalities by mechanism of incident and agency of injury/disease 2006/07 to 2015/16**

Mechanism of incident	Agency of injury/disease											
	Road transport	Outdoor environment	Human agencies	Conveyors and lifting plant	Other materials and objects	Air transport	Other mobile plant	Other and unspecified agencies	Ladders, mobile ramps and stairways, and scaffolding	Other plant and equipment	All other agencies	Total
Vehicle accident	117	3	2	2	0	14	5	1	0	0	4	148
Unspecified mechanisms of incident	0	1	2	0	0	1	0	6	0	0	122	132
Being hit by moving objects	24	3	1	2	3	0	5	0	0	0	23	61
Falls from a height	2	15	1	3	1	2	0	0	9	0	15	48
Being hit by falling objects	2	8	0	4	8	0	0	0	1	2	9	34

Mechanism of incident	Agency of injury/disease											
	Road transport	Outdoor environment	Human agencies	Conveyors and lifting plant	Other materials and objects	Air transport	Other mobile plant	Other and unspecified agencies	Ladders, mobile ramps and stairways, and scaffolding	Other plant and equipment	All other agencies	Total
Being trapped by moving machinery or equipment	4	0	0	3	0	0	2	0	0	4	11	24
Being assaulted by a person or persons	0	0	12	0	0	0	0	2	0	0	7	21
Contact with electricity	0	0	0	1	0	0	0	0	0	0	10	11
Suicide or attempted suicide	0	3	0	0	1	0	0	1	0	0	0	5
All other mechanisms	2	11	10	3	4	0	2	4	2	3	41	82
<b>Total claims</b>	<b>151</b>	<b>44</b>	<b>28</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>14</b>	<b>12</b>	<b>9</b>	<b>242</b>	<b>566</b>

## Occupational disease fatalities

A total of 255 occupational disease fatalities were reported during the 10 years from 2006/07 to 2015/16. There were 24 occupational disease fatalities in 2015/16, which is close to the 10-year average of 25.5.

Males accounted for 237 occupational disease fatalities or 93 per cent reported during the 10 years from 2006/07 to 2015/16.

The industry distribution<sup>12</sup> of occupational disease fatalities reported during the 10 years from 2006/07 to 2015/16 is given in Figure 14. There were 43 occupational disease fatalities in the construction industry, followed by 32 in manufacturing, and 32 in transport, postal and warehousing industries.

<sup>12</sup> Refer to [Appendix C: Classifications](#) for the mapping used to map ANZSIC 1993 divisions to the ANZSIC 2006 divisions.

**Figure 14 – Total number of occupational disease fatalities by top industry divisions 2006/07 to 2015/16**



## Other work-related fatalities

A total of 269 other work-related fatalities were reported during the 10 years from 2006/07 to 2015/16.

There were six other work-related fatalities in 2015/16, which is 78 per cent less than the 10-year average of 26.9 fatalities. Five of these other work-related fatalities were a result of commuting accidents.

The industries with the highest number of other work-related fatalities reported during the 10 years from 2006/07 to 2015/16 were manufacturing (41), construction (35), professional, scientific and technical services (20), mining (19) and accommodation and food services (19).

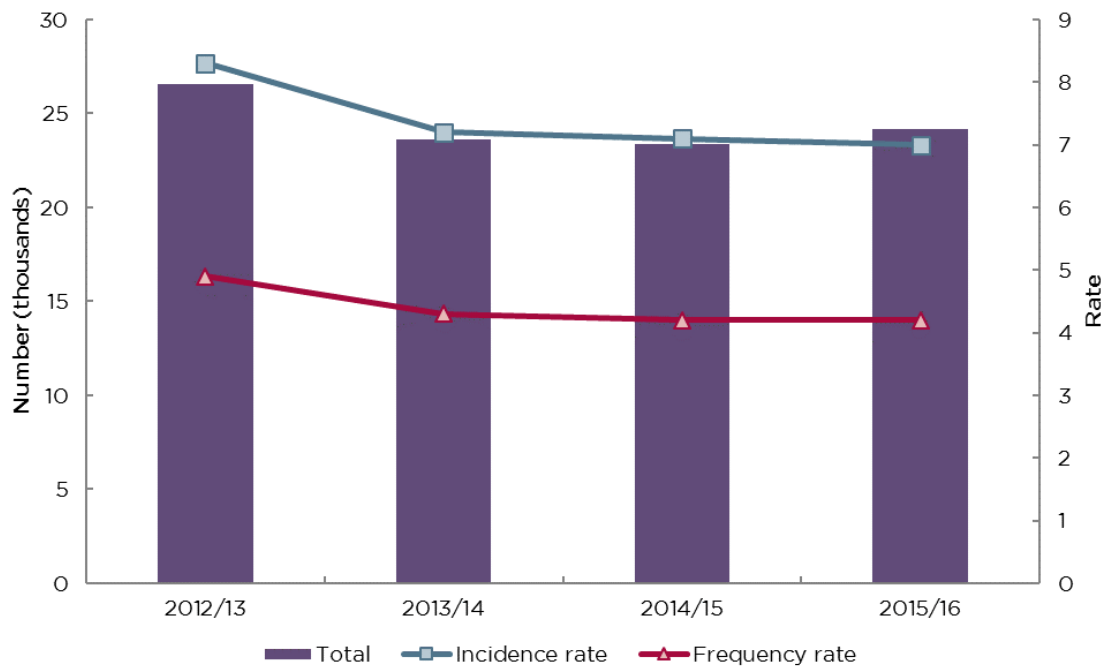
## Section 3: Workplace injuries

Workplace injuries are injuries that occurred at the workplace, either during work or a work break, and when the worker's activity was under the control of an employer including road traffic accidents while on duty. Also included in this category are injuries that occurred while the employee was working at a location other than their normal workplace or base of operations. Refer to [Appendix B: Glossary](#) for further details.

### Trends 2012/13 to 2015/16

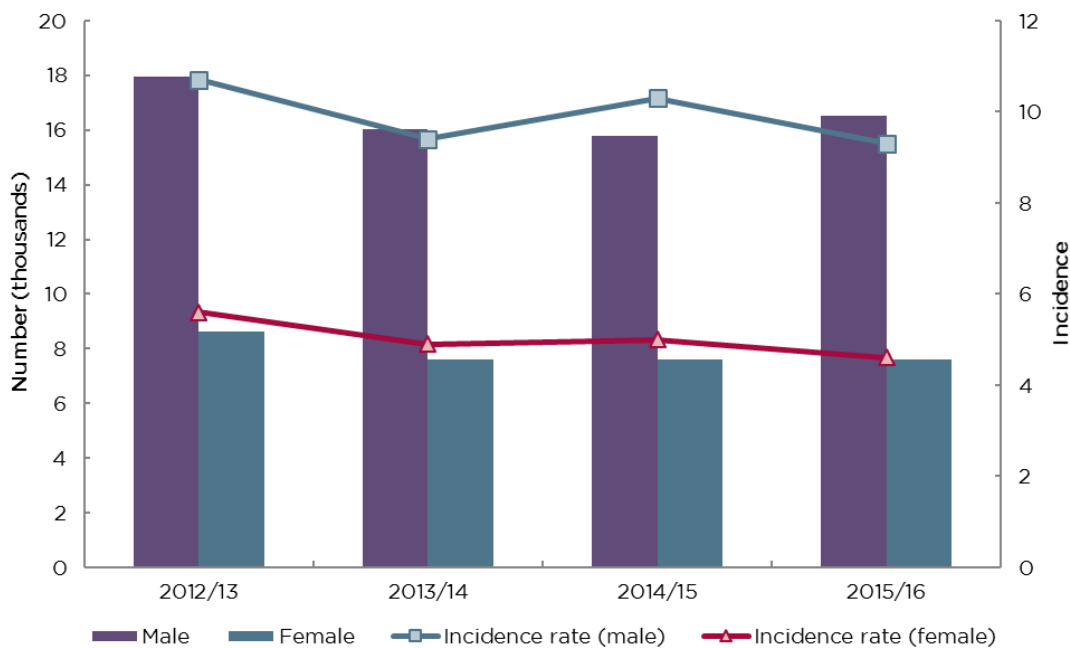
A total of 24,153 major workplace injuries were reported in 2015/16, an increase of three per cent from 23,397 in 2014/15 (refer to Figure 15). The incidence rate decreased by one per cent between 2014/15 and 2015/16. Between 2012/13 and 2015/16, the incidence rate decreased by 16 per cent (refer to Figure 15).

**Figure 15 – Number, incidence and frequency rates of major workplace injuries 2012/13 to 2015/16**





**Figure 16 – Number and incidence rates of major workplace injuries by gender 2012/13 to 2015/16**



Males accounted for 16,533 workplace injuries in 2015/16, an increase of 4.6 per cent over 2014/15. At the same time, the number of workplace injuries for females was 7,620, an increase of 20 workplace injuries over 2014/15 (refer to Table 6).

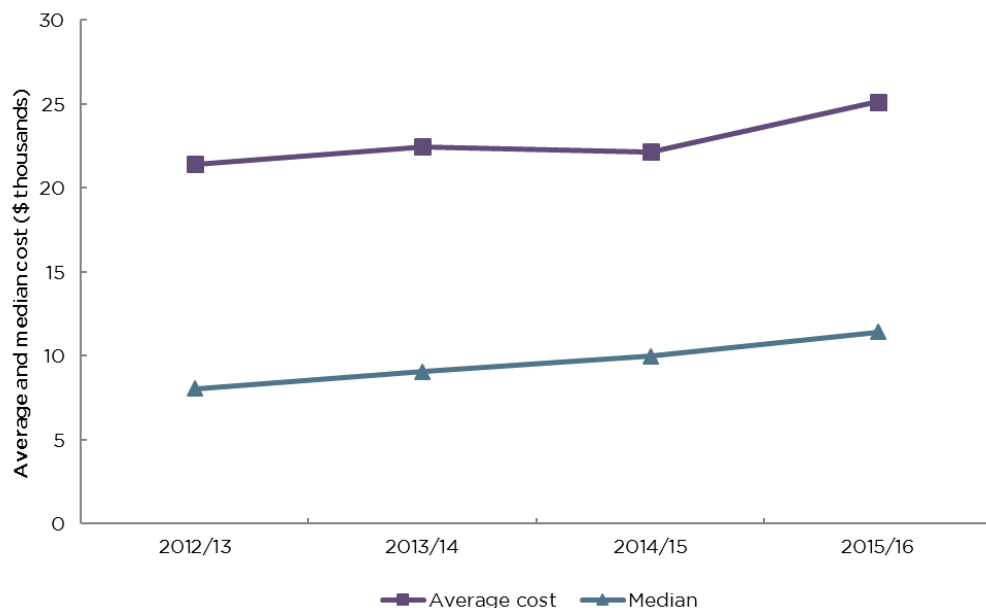
**Table 6 – Number of major workplace injuries by gender 2012/13 to 2015/16**

Gender	Measure	2012/13	2013/14	2014/15	2015/16
Male	Number of injuries	17,964	16,013	15,797	16,533
Female	Number of injuries	8,624	7,611	7,600	7,620
<b>Total</b>		<b>26,588</b>	<b>23,624</b>	<b>23,397</b>	<b>24,153</b>
Male	% of injuries	67.6	67.8	67.5	68.5
Female	% of injuries	32.4	32.2	32.5	31.5

## Gross incurred cost

The total gross incurred cost of workplace injuries increased by 17 per cent from \$518 million in 2014/15 to \$606 million in 2015/16. During this period, average gross incurred costs increased by 13 per cent from \$22,168 in 2014/15 to \$25,124 in 2015/16 and median gross incurred cost increased by 14 per cent from \$9,987 in 2014/15 to \$11,430 in 2015/16. Since 2012/13, the average cost has increased by 17 per cent and the median gross incurred cost has increased by 42 per cent (refer to Figure 17).

**Figure 17 – Average and median gross incurred cost of major workplace injuries 2012/13 to 2015/16**



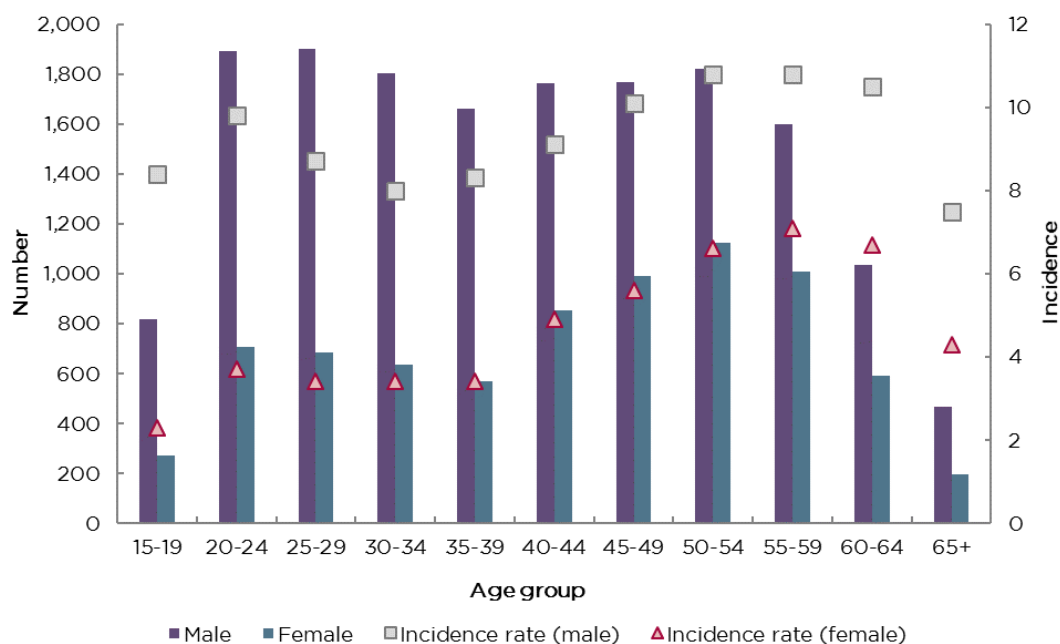
## Workplace injuries 2015/16

### Number, incidence and frequency rates

There were 24,153 workplace injuries reported during 2015/16 accounting for 78 per cent of all employment injuries. Injuries to male workers comprised 68 per cent of all workplace injuries.

Figure 18 shows that males in the age groups 20-24, 25-29 and 50-54 had the highest number of workplace injuries in 2015/16. The highest incidence rate of workplace injuries for males were in the 50-54 and 55-59 age groups. For females, the highest number of workplace injuries was found with 50-54 age group with highest incidence found in the 55-59 age group.

**Figure 18 – Number and incidence rates of major workplace injuries by age 2015/16**



## Severity of injury

There were 60 workplace fatalities (58 males and two females), 431 permanent disabilities and 23,662 temporary disability injuries reported during 2015/16.

While only two per cent of workplace injury cases involved permanent disabilities, they were responsible for six per cent of all workplace injury gross incurred costs. The most common types of permanent disability injuries were wounds, lacerations, amputations and internal organ damage (45 per cent) and traumatic joint/ligament and muscle/tendon injury (31 per cent).

12 per cent of temporary disability injuries involved time lost of six months or more. The most common types of injury in this group were traumatic joint/ligament and muscle/tendon injury at 65 per cent. For temporary disability injuries involving time lost of less than six months, again the most common injuries were traumatic joint/ligament and muscle/tendon injury (59 per cent) followed by wounds, lacerations, amputations and internal organ damage (22 per cent) and fractures (12 per cent).

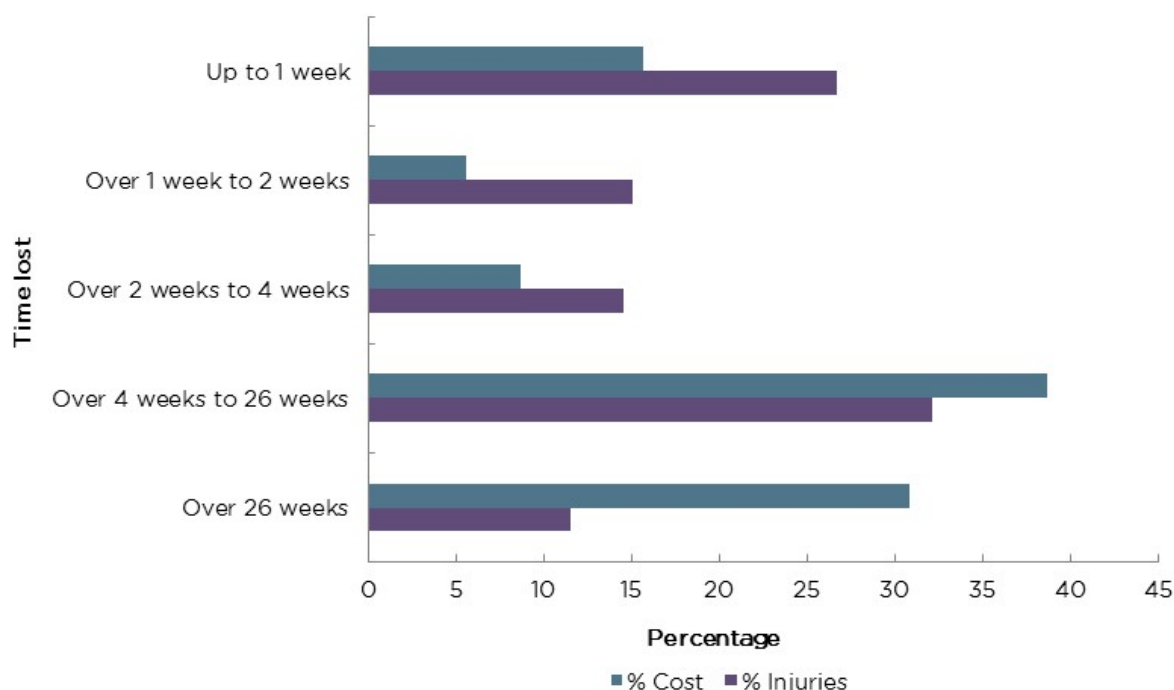
Males accounted for 88 per cent of permanent injuries and 68 per cent of temporary disability injuries. Females accounted for 12 per cent of permanent injuries and 32 per cent of temporary disability injuries.

## Gross incurred cost and time lost

The gross incurred cost of workplace injuries was \$606 million in 2015/16. On average, the cost incurred per injury was \$25,124, with half of these costing \$11,430 or less.

A total of 252,211 weeks of time were lost as a result of major workplace injuries in 2015/16, with an average of 10.7 weeks per injury. Figure 19 shows the relationship between the duration of temporary disability injuries and gross incurred cost.

**Figure 19 - Distribution and gross incurred cost of major workplace injuries by time lost for temporary disabilities 2015/16**



Occupations that incurred the highest gross incurred cost as a result of workplace injury were labourers at \$176 million, machinery operators and drivers at \$119 million and technicians and trades workers at \$107 million.

## Industry distribution

Industries with the highest incidence rate of workplace injury were agriculture, forestry and fishing (17.5 injuries per 1,000 employees), followed by manufacturing (13.8 injuries per 1,000 employees), construction (13.6 per 1,000 employees), mining (13.1 per 1,000 employees), transport, postal and warehousing (11.5 per 1,000 employees) and public administration and safety (9.9 per 1,000 employees).

The industries with the highest incidence rates of workplace injuries to males in 2015/16 are listed in Table 7.

**Table 7 – Industries with high incidence rates of major workplace injuries to males 2015/16**

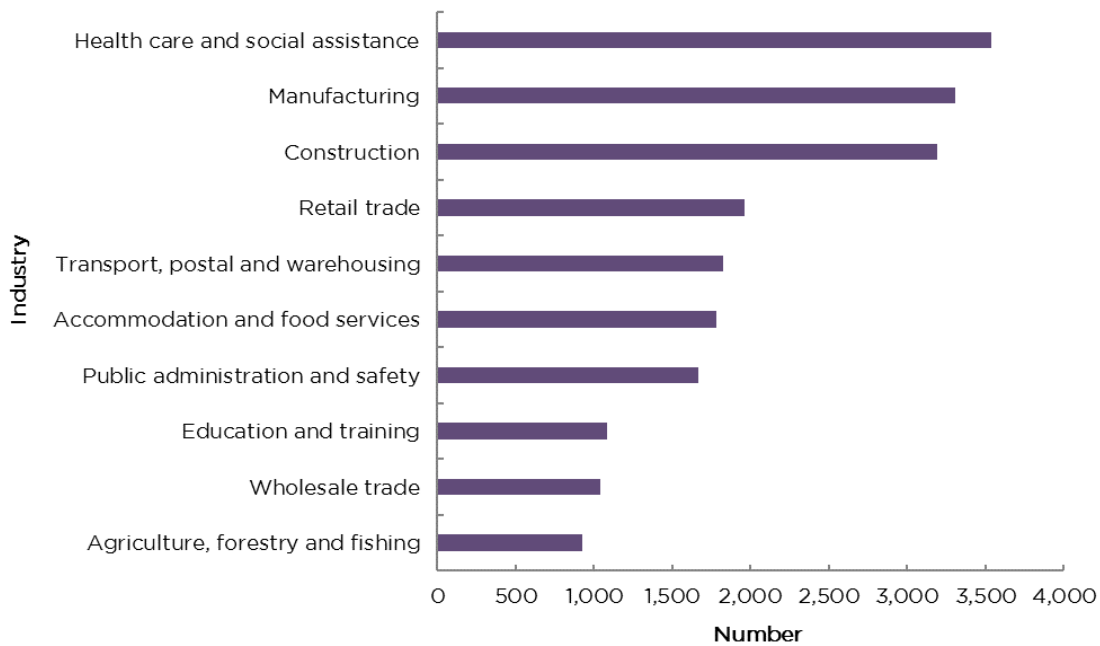
Industry	Incidence rate (Industry)	Number of injuries	Male % of all workplace injuries
Agriculture, forestry and fishing	20.2	774	83.7
Manufacturing	17.0	2,930	88.6
Construction	15.2	3,116	97.5
Public administration and safety	14.7	1,309	78.5
Mining	14.4	459	97.2

The industries with the highest incidence rates of workplace injuries to females are listed in Table 8. Figure 20 provides a summary of the top 10 industries for workplace injuries in 2015/16.

**Table 8 – Industries with high incidence rates of major workplace injuries to females 2015/16**

Industry	Incidence rate (Industry)	Number of injuries	Female % of all workplace injuries
Agriculture, forestry and fishing	10.3	151	16.3
Health care and social assistance	7.3	2,735	77.2
Arts and recreation services	7.3	228	41.3
Accommodation and food services	5.9	865	48.5
Transport, postal and warehousing	5.8	218	12
Manufacturing	5.6	378	11.4

**Figure 20 – Industries with highest number of major workplace injuries 2015/16**



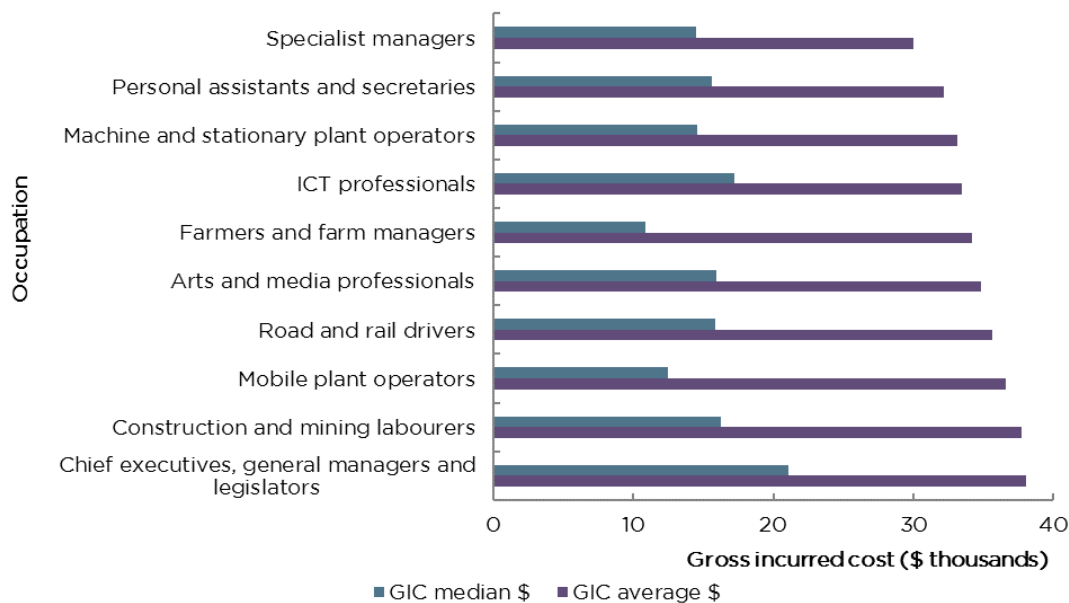
## Occupation distribution

Other labourers recorded the highest number and the highest incidence rate of workplace injuries during 2015/16. Figure 21 provides a summary illustration of average and median cost of workplace injuries in terms of age group.

**Table 9 – Occupation sub-groups with highest workplace injury incidence rates 2015/16**

Occupation	Incidence rate	Frequency rate	Number of injuries	% of workplace injuries
Other labourers	60.6	43.2	3,042	12.6
Road and rail drivers	20.9	11.0	1,794	7.4
Carers and aides	11.5	8.6	1,693	7.0
Construction trades workers	15.4	7.5	1,178	4.9
Automotive and engineering trades workers	12.2	5.9	1,014	4.2
Factory process workers	16.9	10.0	965	4.0
Protective service workers	24	13.9	896	3.7
Sales assistants and salespersons	3.3	2.8	800	3.3
Health professionals	4.1	2.7	737	3.1
Machine and stationary plant operators	18.9	9.4	718	3.0
Storepersons	17.9	11.1	700	2.9
Construction and mining labourers	17.2	8.5	697	2.9
Cleaners and laundry workers	10.2	8.3	692	2.9

**Figure 21 – Average and median gross incurred cost of major workplace injuries by occupation 2015/16**



## Common injuries

Manual handling was the most common cause of injury, accounting for 29 per cent of workplace injuries, followed by falls on the same level at 18 per cent, and falls from a height at seven per cent.

Approximately 59 per cent of workplace injuries resulted in traumatic joint/ligament and muscle/tendon injury, costing \$335 million in 2015/16. Other common injuries were wounds, lacerations, amputations and internal organ damage and fractures. It is important to note that workplace injuries can often result in more than one type of injury to the injured worker.

## Manual handling injuries

There were 7,008 manual handling injuries in 2015/16, a four per cent increase from 2014/15, a one per cent increase from 2013/14 and an 11 per cent decrease from 2012/13.

Manual handling injuries in 2015/16 cost \$160 million and involved 75,904 weeks in time lost. The gross incurred cost for males was \$122 million, while for females it was \$38 million (refer to Table 10).

The principal agencies involved in manual handling injuries were fastening, packing and packaging equipment, and human agencies. Together, these two categories accounted for 33 per cent of all manual handling injuries.

**Table 10 – Workplace manual handling injuries 2012/13 to 2015/16**

Year	Number of injuries	% of all workplace injuries	Frequency rate	Incidence rate	Gross incurred cost (\$'000)
2012/13	7,916	29.8	1.5	2.5	159,734
2013/14	6,944	29.4	1.3	2.1	143,942
2014/15	6,759	28.9	1.2	2.0	147,857
2015/16	7,008	29.0	1.2	2.0	160,103

## Back injuries

There were 4,770 major workplace back injuries in 2015/16, representing 20 per cent of all major workplace injuries, and an increase of less than one per cent from 2014/15, eight per cent decrease from 2013/14 and 22 per cent decrease from 2012/13 (refer to Table 11). In 2015/16, 66 per cent of back injuries occurred to male workers.

Back injuries cost \$99 million and involved lost time of 47,042 weeks in 2015/16.

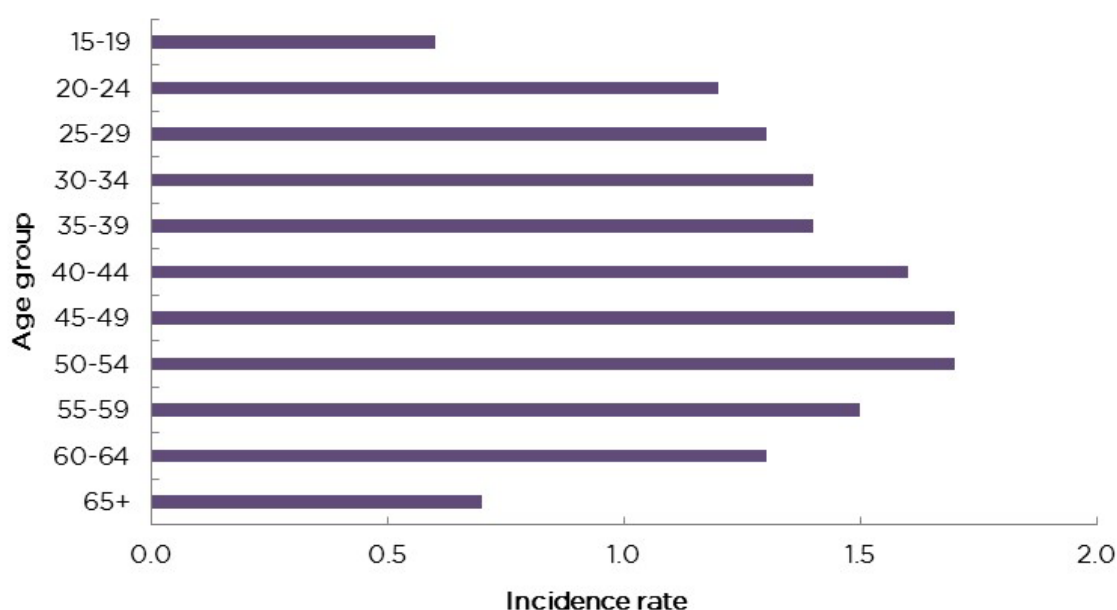
Of all workplace back injuries, permanent disability injuries accounted for one per cent. 80 per cent of these permanent disability injuries involved traumatic joint/ligament and muscle/tendon injury.

The highest incidence of back injuries was in the 45-49 year age group (refer to Figure 22). This age group accounted for 13 per cent of injuries and 13 per cent of the gross incurred cost. 99 per cent of all back injuries involved temporary disabilities.

**Table 11 – Workplace back injuries 2012/13 to 2015/16**

Year	Number of injuries	% of injuries	Frequency rate	Incidence rate	Gross incurred cost (\$'000)
2012/13	6,089	22.9	1.0	1.7	135,421
2013/14	5,199	22.0	0.9	1.5	99,846
2014/15	4,754	20.3	0.8	1.4	96,024
2015/16	4,770	19.7	0.8	1.4	98,891

**Figure 22 – Incidence rate of major workplace back injuries by age group 2015/16**



## Section 4: Occupational diseases

Occupational diseases are diseases contracted or aggravated in the course of employment and to which the employment was a contributing factor<sup>13</sup>. Refer to [Appendix B](#) for further details.

### Trends 2012/13 to 2015/16

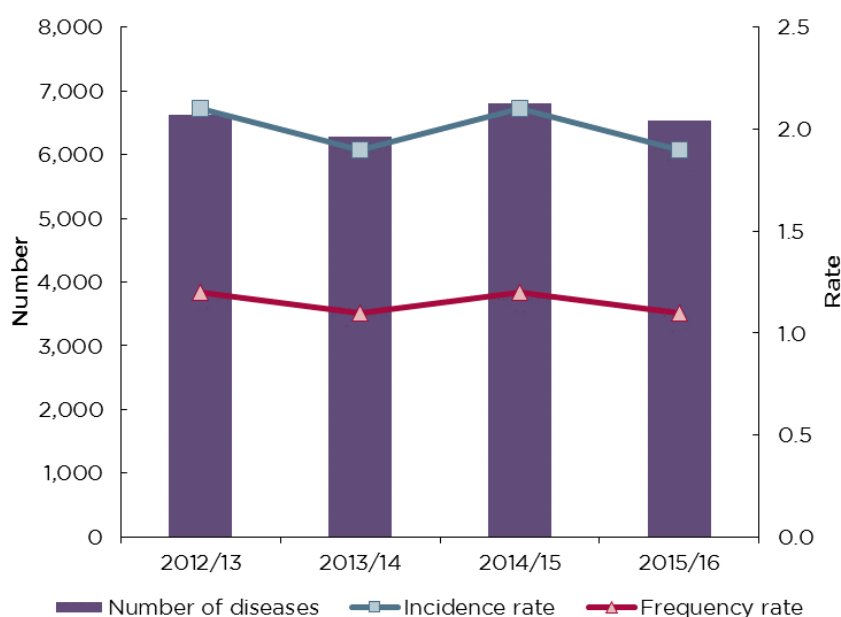
#### Number, incidence and frequency rates

The number of major occupational diseases reported in 2015/16 was 6,540 which represents a decrease of four per cent since 2014/15. Occupational diseases in 2015/16 made up 21 per cent of all major employment injuries. The incidence rate for occupational diseases was 1.9 and the frequency rate was 1.1 (refer to Table 12 and Figure 23). Males accounted for 67 per cent (4,376) with an incidence rate of 2.5 (refer to Figure 24) and a frequency rate of 1.3. Females (2,164) showed a lower incidence and frequency rates of 1.3 (refer to Figure 24) and 0.9 respectively.

Table 12 – Occupational diseases 2012/13 to 2014/15

Year	Number of occupational diseases	Incidence rate	Frequency rate	% of all employment injuries
2012/13	6,627	2.1	1.2	20
2013/14	6,273	1.9	1.1	21
2014/15	6,800	2.1	1.2	22
2015/16	6,540	1.9	1.1	21

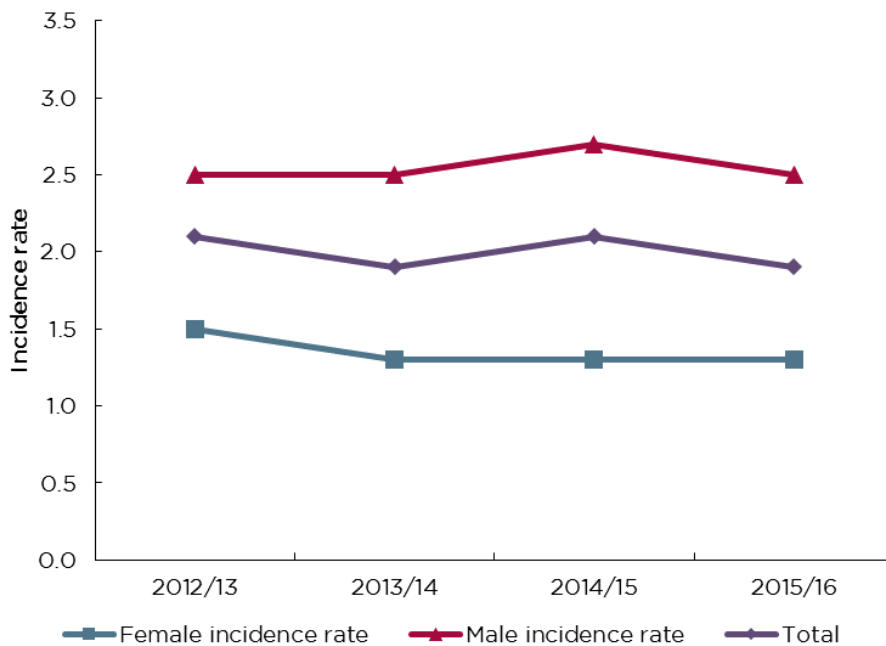
Figure 23 – Number of claims, incidence and frequency rates of major occupational diseases 2012/13 to 2015/16



<sup>13</sup> Does not include dust diseases, as defined by the *Workers Compensation (Dust Diseases) Act 1942* (except in the case of a worker employed in or about a mine to which the *Coal Mines Regulation Act 1982* applies), or the aggravation, acceleration, exacerbation or deterioration of dust diseases, as so defined. (Refer to *Workers Compensation Act 1987* No. 70).



**Figure 24 – Incidence rate of major occupational diseases by gender 2012/13 to 2015/16**

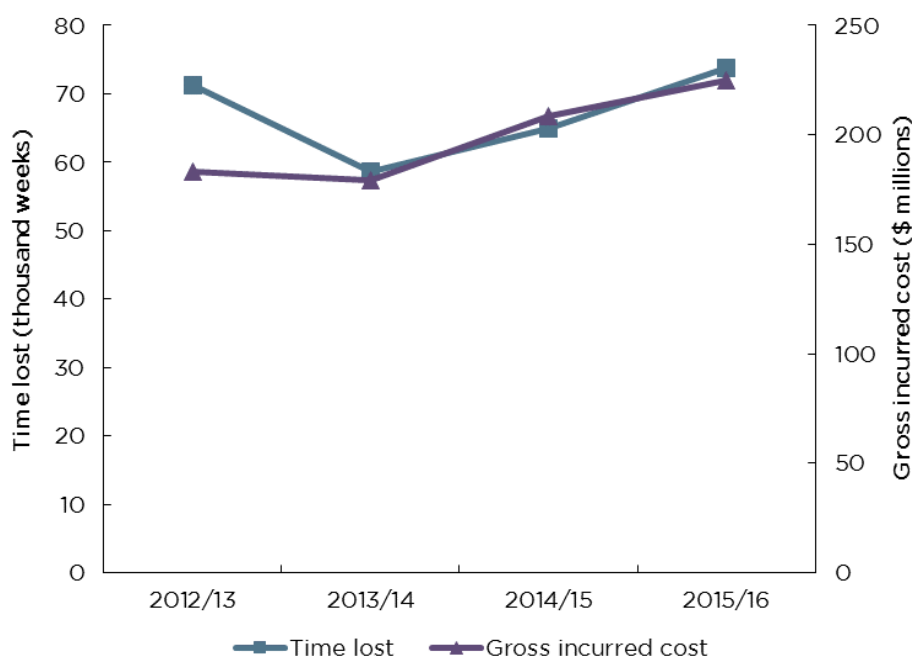


## Gross incurred cost and time lost

The gross incurred cost of all occupational diseases increased by eight per cent from \$208 million in 2014/15 to \$225 million in 2015/16 (refer to Figure 25). The average gross incurred cost for occupational diseases was \$34,361, which is a 12 per cent increase from 2014/15. Half of the occupational diseases had a gross incurred cost of \$16,890 or less.

The total time lost due to occupational diseases was 73,814 weeks, with an average of 16.7 weeks per occupational disease (an 18 per cent increase on the average time lost in 2014/15). 68 per cent of occupational diseases were temporary disabilities, and of those, 57.4 per cent resulted in four weeks or more of incapacity and accounted for 76.5 per cent of gross incurred cost (refer to Figure 26).

**Figure 25 – Total gross incurred cost and time lost for major occupational diseases 2012/13 to 2015/16**



## Occupational diseases 2015/16

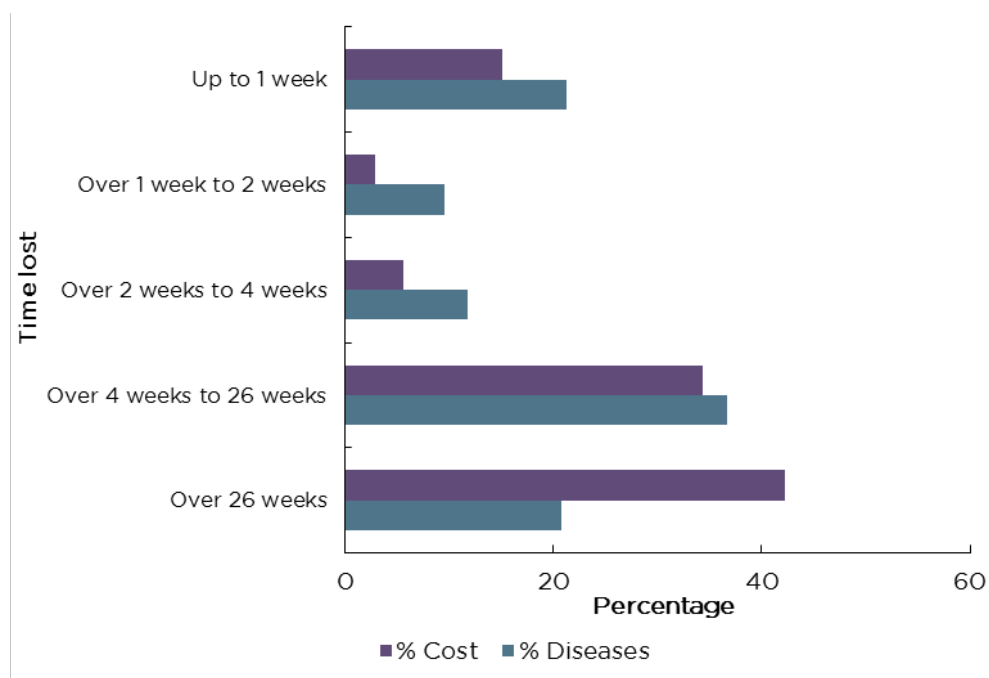
### Nature of occupational diseases

Mental diseases and deafness account for the majority of occupational diseases (refer to Table 13). The number of mental diseases reported in 2015/16 (1,876) increased by six per cent from 2014/15 (1,763). The number of deafness reported in 2015/16 (1,791) decreased by six per cent from 2014/15 (1,903).

### Severity of occupational diseases

A relatively high proportion of occupational diseases resulted in a permanent disability. While only eight per cent of all employment injuries resulted in permanent disabilities, 32 per cent of occupational diseases resulted in permanent disabilities.

**Figure 26 - Distribution and gross incurred cost of major occupational diseases by time lost for temporary disabilities 2015/16**



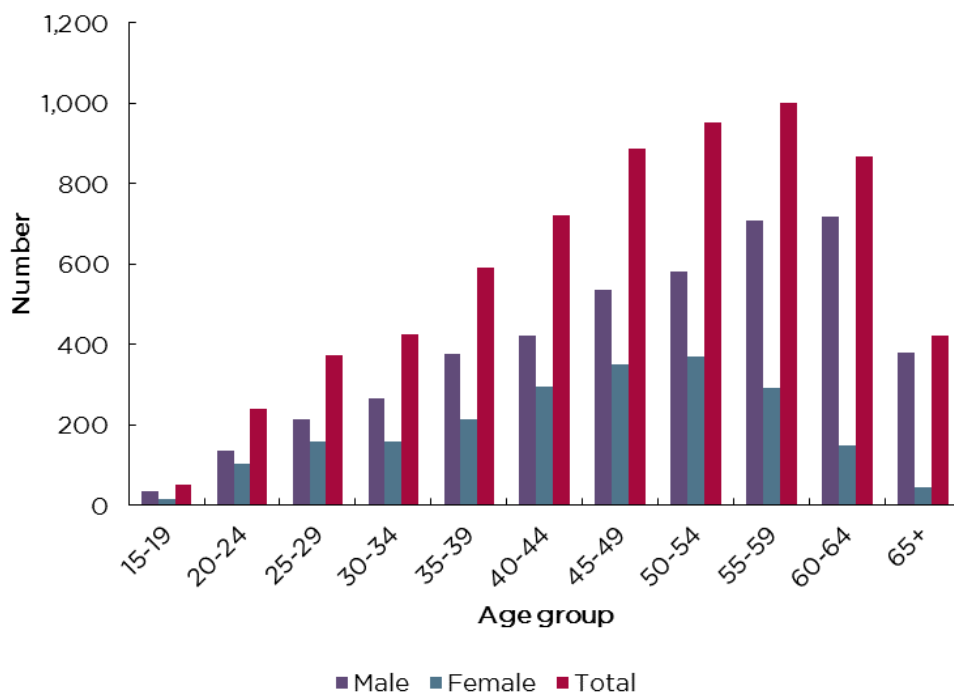
**Table 13 – Distribution of major occupational diseases by nature of disease 2015/16**

Nature of diseases	Number of diseases	% of all employment injuries
Mental diseases	1,876	6.1
Deafness	1,791	5.8
Hernias	513	1.7
Disc displacement, prolapse, degeneration or hernia	335	1.1
Back pain, lumbago, and sciatica	250	0.8
Muscle/tendon strain (non-traumatic)	248	0.8
Tendinitis	187	0.6
Bursitis	133	0.4
Carpal tunnel syndrome	121	0.4
Meniscus degenerate/detached/retained/chronic tear	110	0.4
Epicondylitis	100	0.3
Other diseases of the ear and mastoid process	78	0.3
Occupational overuse syndrome	76	0.2
Synovitis and tenosynovitis	76	0.2
Neck pain, cervicalgia	56	0.2
Other diseases of skin and subcutaneous tissue, not elsewhere classified	55	0.2
Other specified soft tissue diseases, not elsewhere classified	53	0.2
Malignant neoplasm of mesothelium (mesothelioma)	34	0.1
Soft tissue diseases due to non-traumatic causes with insufficient information to code elsewhere	31	0.1
Diseases of nerve roots, plexuses and single nerves	27	0.1
Other diseases, not elsewhere classified	26	0.1
Spinal vertebrae and intervertebral discs diseases, not elsewhere classified	24	0.1
Infectious and parasitic diseases, not elsewhere classified	23	0.1
Contact dermatitis	22	0.1
Other diseases of the respiratory system, not elsewhere classified	20	0.1
Q-fever	18	0.1
Ganglion, trigger finger, Dupuytren's contracture	18	0.1
Asbestosis	17	0.1
Ischaemic heart disease	15	0.0
Carcinoma in situ of skin	12	0.0
<b>Total</b>	<b>6,540</b>	<b>21.2</b>

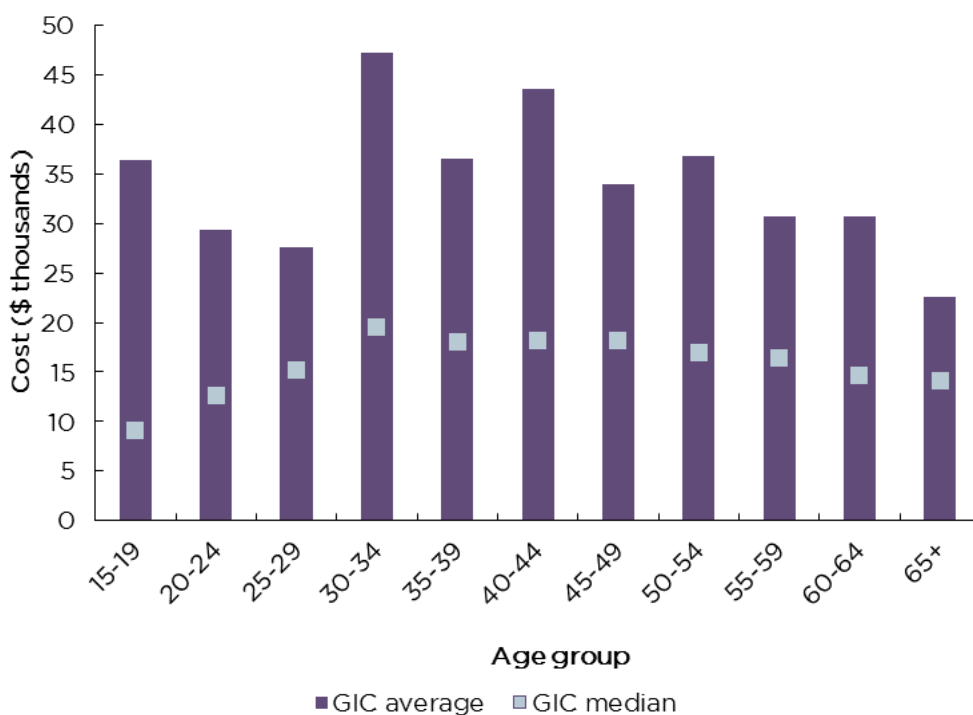
## Age distribution

Figure 27 shows that the number of occupational diseases increased with age, peaking in the 60-64 age group for males. The highest numbers for females occur in the 45-49 and 50-54 age groups. The 55-59 age group recorded the highest number for the combined group. Figure 28 provides a summary illustration of variation in average and median cost of occupational diseases in terms of age group.

**Figure 27 – Distribution of major occupational diseases by age 2015/16**



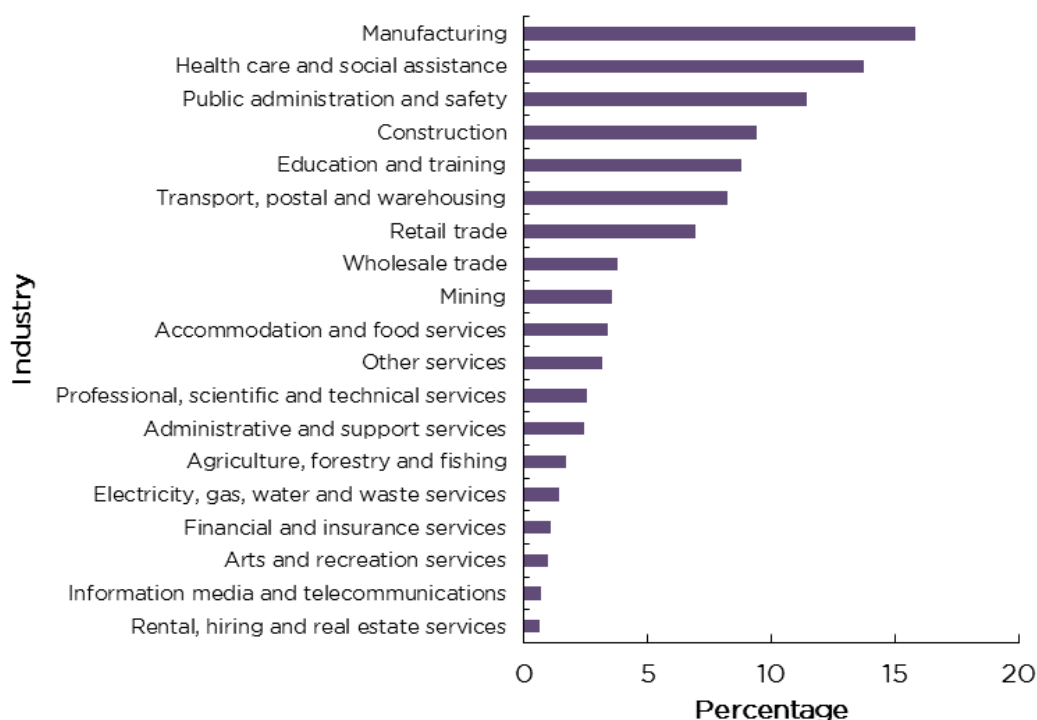
**Figure 28 – Cost of occupational disease claims by age (average/median gross incurred cost) 2015/16**



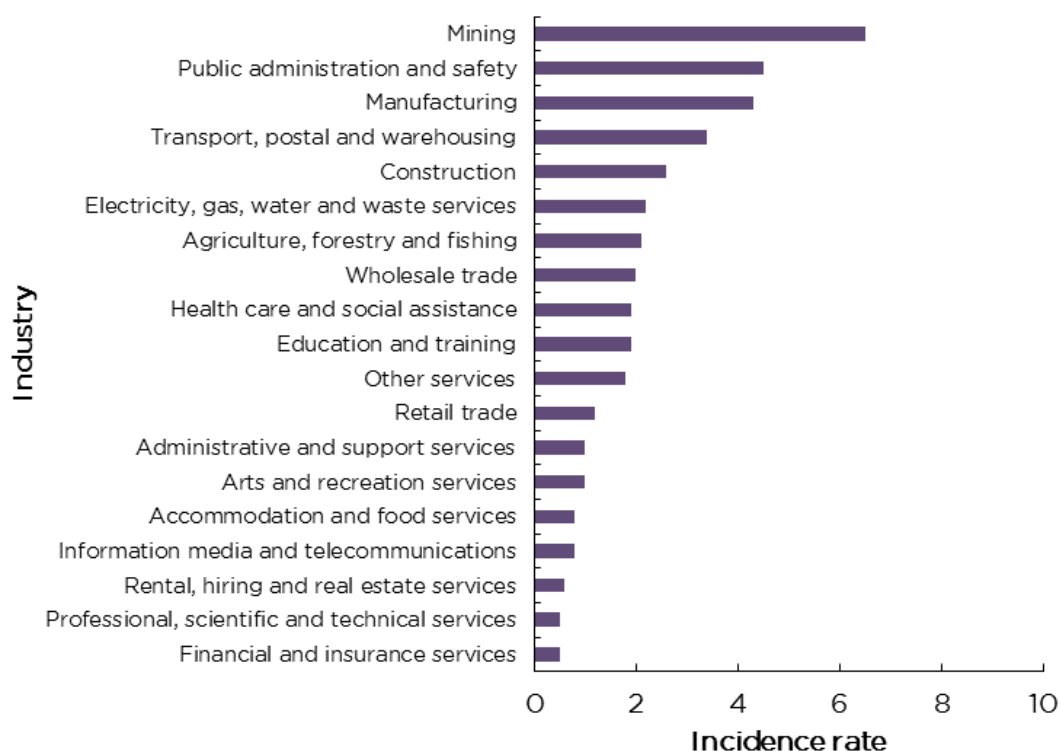
## Industry distribution

Manufacturing, health care and social assistance, public administration and safety, and construction account for 50 per cent of occupational diseases in 2015/16 (refer to Figure 29). Figure 30 shows that the mining industry had the highest incidence rate for occupational diseases (6.5), above the total NSW rate of 1.9.

**Figure 29 – Distribution of major occupational diseases by industry 2015/16**



**Figure 30 – Incidence rate of major occupational diseases by industry 2015/16**



## Occupation distribution

Labourers, machinery operators and drivers, and community and personal service workers accounted for the majority (56%) of occupational diseases in NSW in 2015/16 (refer to Figure 31).

**Figure 31 – Distribution of major occupational diseases by occupation 2015/16**

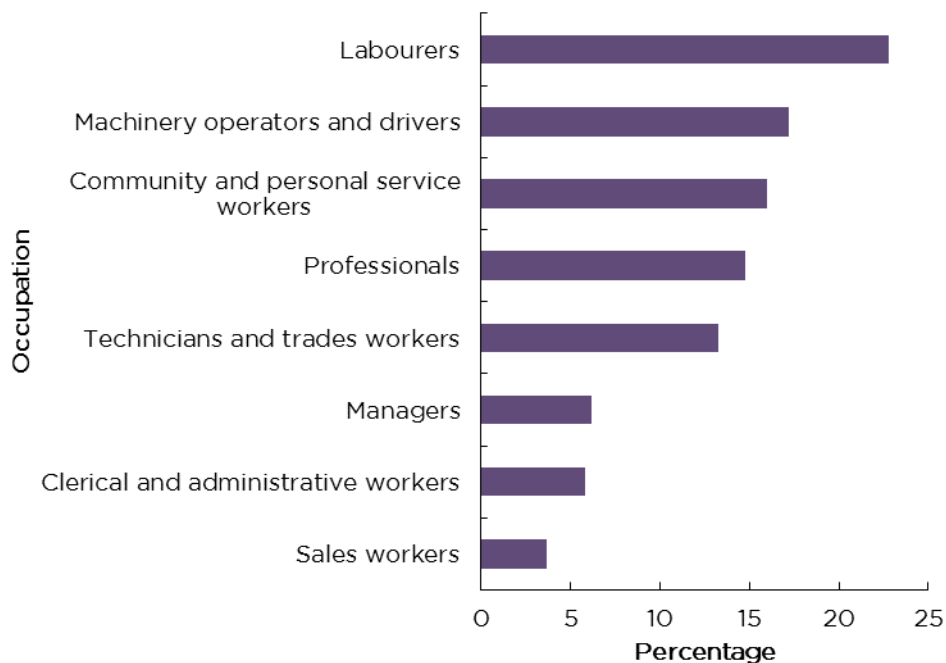
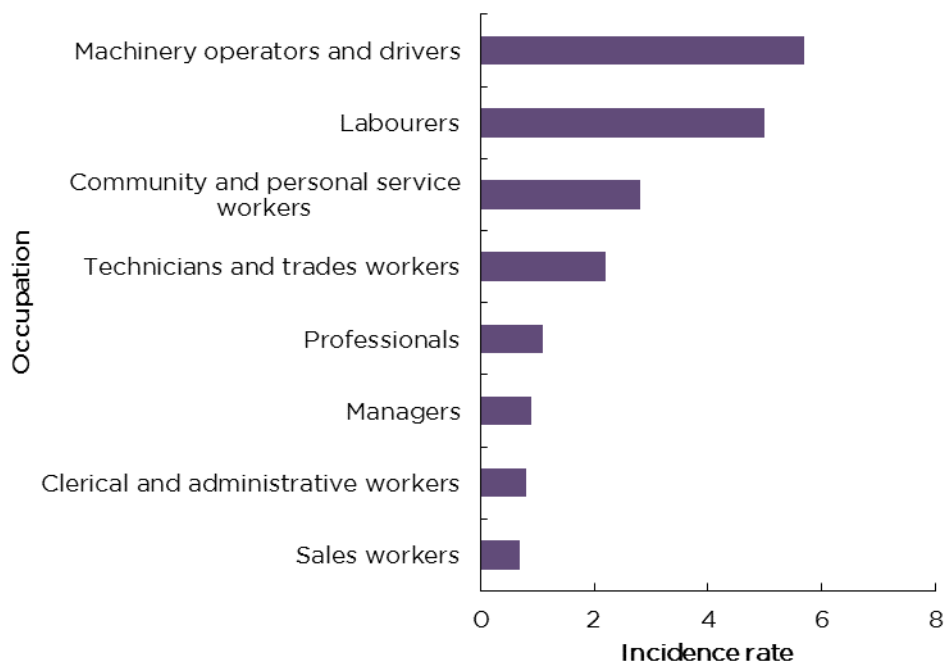


Figure 32 shows that the highest incidence rates of occupational diseases were for machinery operators and drivers, and labourers followed by community and personal service workers.

**Figure 32 – Incidence rate of major occupational diseases by occupation 2015/16**



## Selected occupational diseases

### Deafness

Occupational deafness is defined as irreversible hearing loss induced by noise or other agents, which develops over a period of time. It excludes traumatic deafness.

There is a decrease of six per cent in deafness in NSW in 2015/16 in comparison to the previous year (refer to Table 14). The incidence rate of deafness has decreased by 0.1 to 0.5.

27 per cent of all occupational diseases in 2015/16 were for occupational deafness. The average cost for deafness was \$15,112, compared to the average for all occupational diseases of \$34,361.

Industries where deafness accounted for more than 50 per cent of their occupational diseases were mining and electricity, gas, water and waste services industries (refer to Table 15).

**Table 14 – Occupational diseases: deafness, gross incurred cost and incidence rate 2012/13 to 2015/16**

Year	Total	Incidence rate	% of all occupational diseases	Gross incurred cost (\$'000)	% of major employment injuries
2012/13	1,524	0.5	23.0	21,326	4.5
2013/14	1,579	0.5	25.2	18,940	5.2
2014/15	1,903	0.6	28.0	27,056	6.3
2015/16	1,791	0.5	27.4	27,066	5.8

**Table 15 – Occupational diseases: distribution of deafness by industry 2015/16**

Industry	Deafness	% of all occupational diseases in that industry	All occupational diseases (number)
Mining	185	79.4	233
Electricity, gas, water and waste services	59	62.8	94
Manufacturing	498	48.1	1,036
Construction	294	47.8	615
Other services	76	36.2	210
Professional, scientific and technical services	57	33.7	169
Transport, postal and warehousing	174	32.2	541
Wholesale trade	68	27.5	247
Rental, hiring and real estate services	11	26.2	42
Agriculture, forestry and fishing	26	23.4	111

Industry	Deafness	% of all occupational diseases in that industry	All occupational diseases (number)
Administrative and support services	36	22.6	159
Public administration and safety	138	18.4	749
Information media and telecommunications	8	17.8	45
Accommodation and food services	32	14.3	223
Financial and insurance services	8	11.3	71
Arts and recreation services	7	10.9	64
Retail trade	44	9.7	454
Health care and social assistance	46	5.1	899
Education and training	24	4.2	577
Not stated	0	0	1
<b>Total</b>	<b>1,791</b>	<b>27.4</b>	<b>6,540</b>

## Mental diseases

The term 'mental disease' refers to a range of psychological conditions for which workers compensation may be paid, including clinical depression and post-traumatic stress disorder.

It should be noted that although stress itself is not a compensable condition, it is however, one of many possible factors that may contribute to the contraction or aggravation of a compensable psychological condition.

There is a six per cent increase in mental diseases in NSW in 2015/16 in comparison to the previous year (although, compared to 2012/13, there has been a 16 per cent decrease). Females accounted for 58 per cent of mental diseases with a higher incidence rate (0.7) in comparison to males (0.4) in 2015/16 (refer to Table 16 and Table 4.5 in [Appendix E](#)).

**Table 16 – Occupational diseases: number of mental diseases by gender 2012/13 to 2015/16**

Year	Males	Incidence rate <sup>14</sup> (males)	Females	Incidence rate <sup>14</sup> (females)	Total	Incidence rate <sup>14</sup>	% of major employment injuries
2012/13	910	0.5	1,325	0.9	2,235	0.7	6.7
2013/14	694	0.4	1,040	0.7	1,734	0.5	5.8
2014/15	736	0.4	1,027	0.6	1,763	0.5	5.8
2015/16	782	0.4	1,094	0.7	1,876	0.5	6.1

<sup>14</sup> Incidence rate is the number of mental diseases per 1,000 employees.



In 2015/16, the total gross incurred cost of mental diseases was \$92 million with an average of \$48,906. The total time lost as a result of mental diseases was 37,899 weeks, with an average of 21 weeks.

Anxiety/stress disorder, Reaction to stressors – other, multiple or not specified and anxiety/depression combined were found to be the major components of mental disease in NSW in 2015/16, contributing to 77 per cent of all mental diseases.

Industries where mental diseases accounted for more than 50 per cent of their occupational diseases were education and training, and public administration and safety (refer to Table 17).

**Table 17 – Occupational diseases: number of mental diseases by industry 2015/16**

Industry	Number of mental diseases	% of all occupational diseases in the industry	Number of occupational diseases
Education and training	371	64.3	577
Public administration and safety	432	57.7	749
Financial and insurance services	34	47.9	71
Health care and social assistance	376	41.8	899
Rental, hiring and real estate services	16	38.1	42
Professional, scientific and technical services	54	32.0	169
Accommodation and food services	67	30.0	223
Information media and telecommunications	13	28.9	45
Arts and recreation services	17	26.6	64
Other services	51	24.3	210
Administrative and support services	38	23.9	159
Retail trade	95	20.9	454
Wholesale trade	49	19.8	247
Transport, postal and warehousing	104	19.2	541
Manufacturing	99	9.6	1,036
Electricity, gas, water and waste services	7	7.4	94
Agriculture, forestry and fishing	8	7.2	111
Construction	38	6.2	615
Mining	7	3.0	233
Not stated	0	0	1
<b>Total</b>	<b>1,876</b>	<b>28.7</b>	<b>6,540</b>

Table 18 lists main occupation sub-categories which accounted for 54.5 per cent of mental diseases in 2015/16 in NSW.

**Table 18 – Occupation sub-groups with highest number of mental diseases 2015/16**

Occupation	Number	Incidence rate	Frequency rate	% of mental diseases
Protective service workers	321	8.6	5.0	17.1
Education professionals	261	1.4	0.9	13.9
Carers and aides	143	1.0	0.7	7.6
Health and welfare support workers	103	2.5	1.6	5.5
Other clerical and administrative workers	102	1.4	0.8	5.4
Specialist managers	92	0.4	0.2	4.9
<b>NSW total</b>	<b>1,876</b>	<b>0.5</b>	<b>0.3</b>	<b>100</b>

Of the total of 1,876 mental diseases in 2015/16, 33 per cent (613) resulted from work-related harassment and/or workplace bullying (refer to Tables 18 and 19). Work-related harassment and/or workplace bullying includes being 'victim of repetitive assault and/or threatened assault by a work colleague or colleagues' and 'repetitive verbal harassment, threats and abuse from a work colleague or colleagues'.

Industries with the most incidents of work-related harassment and/or workplace bullying are healthcare and social assistance, public administration and safety, and education and training which together account for 54 per cent (refer to Table 19).

In terms of most affected occupation types, education professionals, other clerical and administrative workers, carers and aides, protective service workers, specialist managers and business, human resource and marketing professionals account for 46 per cent (refer to Table 20).

**Table 19 – Industries with high incidence of work-related harassment and/or workplace bullying 2015/16**

Industry	Number	Incidence rate	Frequency rate	Gross incurred cost (\$'000)	% of total number
Education and training	123	0.4	0.3	6,040	20.1
Health care and social assistance	117	0.2	0.2	5,150	19.1
Public administration and safety	88	0.5	0.3	4,245	14.4
Retail trade	48	0.1	0.1	1,173	7.8
Manufacturing	35	0.1	0.1	1,870	5.7
<b>NSW total</b>	<b>613</b>	<b>0.2</b>	<b>0.1</b>	<b>29,522</b>	<b>100</b>

**Table 20 – Occupation sub-groups with highest number of work-related harassment and/or workplace bullying 2015/16**

Occupation	Number	Incidence rate	Frequency rate	Gross incurred cost (\$'000)	% of total number
Education professionals	79	0.4	0.3	4,341	12.9
Other clerical and administrative workers	52	0.7	0.4	2,394	8.5
Specialist managers	43	0.2	0.1	2,031	7.0
Protective service workers	40	1.1	0.6	2,311	6.5
Business, human resource and marketing professionals	35	0.2	0.1	2,435	5.7
Carers and aides	35	0.2	0.2	1,374	5.7
<b>NSW total</b>	<b>613</b>	<b>0.2</b>	<b>0.1</b>	<b>29,522</b>	<b>100</b>

## Section 5: Other work-related injuries

Other work-related injuries are caused by incidents arising out of the injured person's employment while they are away from the workplace. They include injuries sustained while commuting to or from work or during a recess while the worker is away from work. Refer to [Appendix B](#) for further details.

### Trends 2012/13 to 2015/16

The 54 per cent reduction in other work-related major injuries from 364 injuries in 2012/13 to 168 injuries in 2015/16 is due to the 2012 legislative reforms that restricted access to claiming for injuries sustained while commuting to or from work. From 2012/13 to 2015/16 there was a reduction of 138 (72 per cent) other work-related major injuries sustained while commuting to or from work.

From 2014/15 to 2015/16 there was a reduction of 26 (13 per cent) other work-related major injuries. This reduction was attributable to the reduction of 28 (35 per cent) other work-related major injuries sustained while commuting to or from work. From 2014/15 to 2015/16 the number of other work-related major injuries sustained away from work during recess period increased by two (two per cent).

### Other work-related injuries 2015/16

#### Number, gross incurred cost and time lost

There were 168 other work-related major injuries reported in 2015/16, representing an incidence rate of less than 0.1 injuries per 1,000 employees. Other work-related major injuries made up only 0.5 per cent of all major employment injuries in 2015/16.

Of all other work-related major injuries, seven resulted in permanent disabilities, while 155 resulted in temporary disabilities. Temporary disability injuries resulting in four or more weeks off work accounted for 46 per cent of all temporary other work-related disabilities, 74 per cent of gross incurred cost, and 93 per cent of time lost. Temporary disability injuries with six months or more off work made up 11 per cent of all temporary disability other work-related injuries.

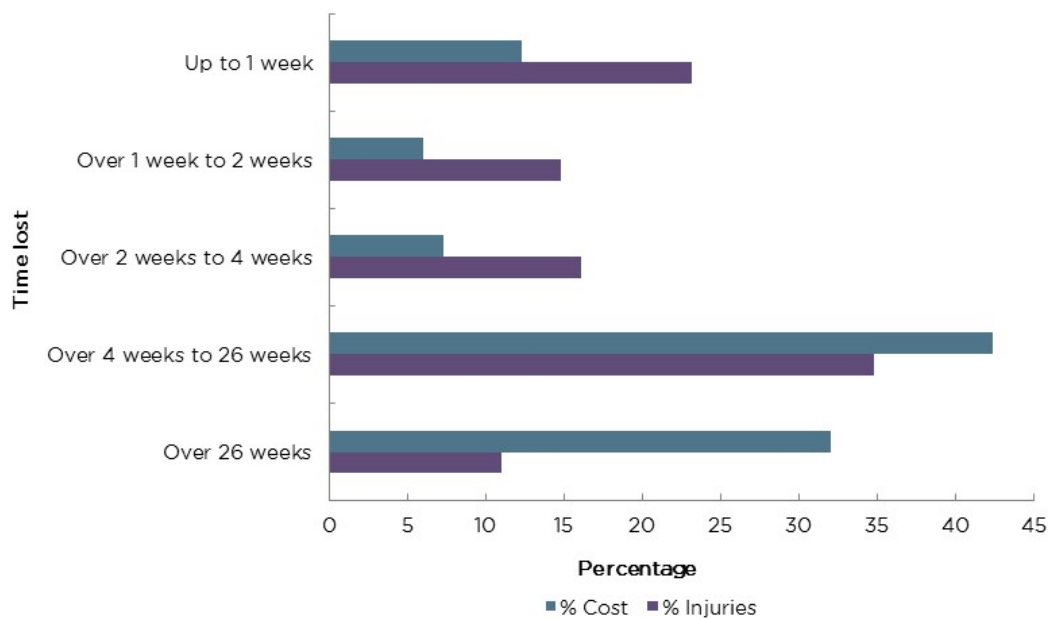
The total gross incurred cost of other work-related major injuries was \$10 million, with an average of \$59,600 per injury. However, half of the other work-related major injuries had a cost of \$18,952 or less. The total time lost for other work-related major injuries was 1,676 weeks with an average of 10.8 weeks and median of 3.1 weeks.

Injuries sustained while the worker was away from work during recess period accounted for 68 per cent of other work-related injuries (115 injuries). These injuries had a total gross incurred cost of \$4.6 million, an average cost of \$40,664, and a median cost of \$17,612. Total time lost was 1,129 weeks with an average of 10.2 weeks and a median of 3.0 weeks.

Injuries sustained while commuting to or from work accounted for 32 per cent of other work-related injuries (53 injuries). These injuries had a total gross incurred cost of \$5.3 million, an average cost of \$100,688, and a median cost of \$20,582. Total time lost was 547 weeks with an average of 12.4 weeks and a median of 3.9 weeks.

Figure 33 demonstrates that most of the gross incurred cost relating to other work-related major injuries resulting in temporary disability is for injuries with time lost of more than four weeks.

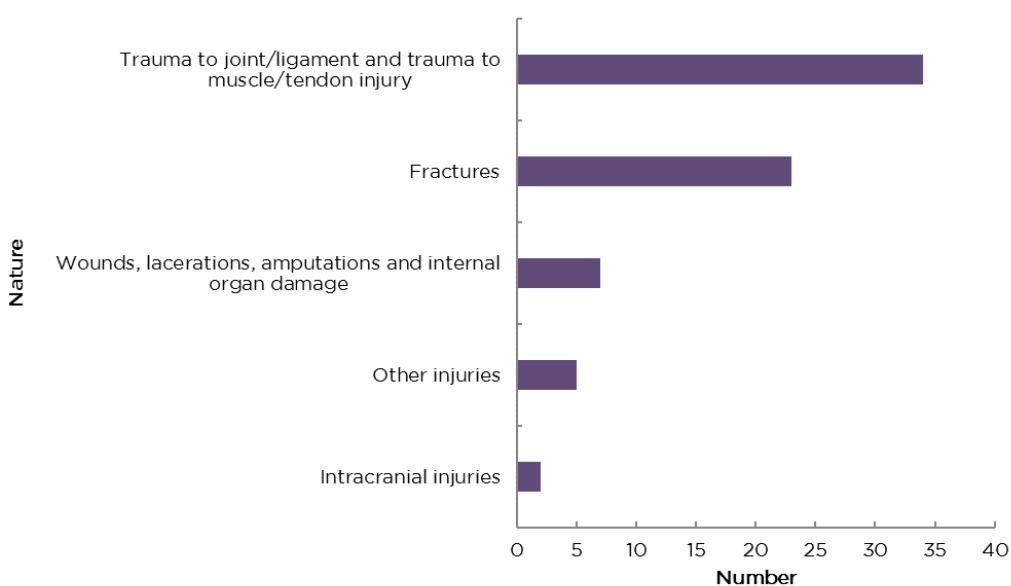
**Figure 33 – Distribution and gross incurred cost of other work-related major injuries by time lost for temporary disabilities 2015/16**



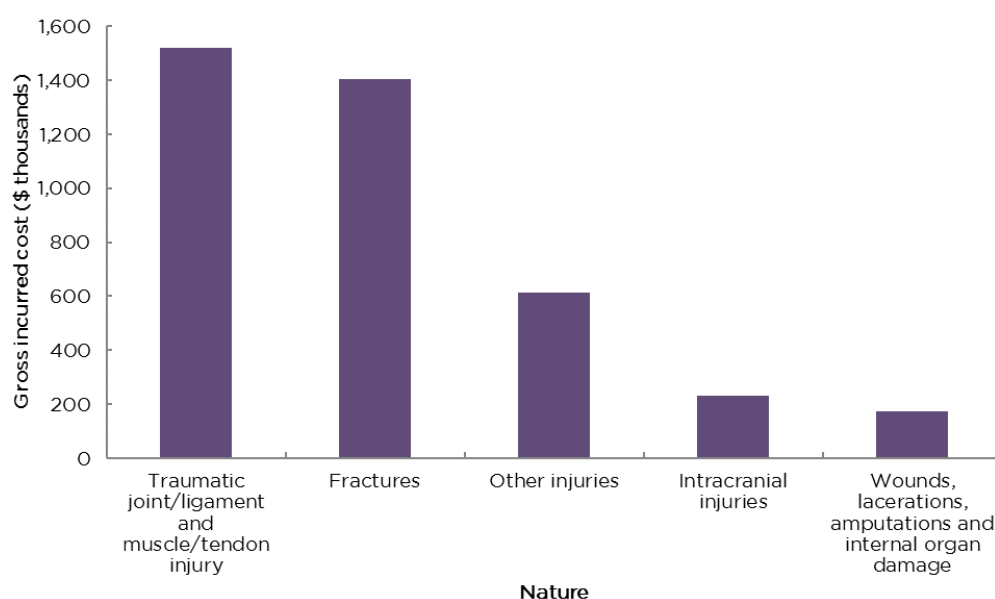
## Number, gross incurred cost and time lost for long-term temporary disabilities

Long-term injuries, which only include injuries with four weeks or more time lost, made up 46 per cent of other work-related temporary disability injuries. Traumatic joint/ligament and muscle/tendon injuries were the most common nature of injury/disease for other work-related long-term injuries, followed by fractures (refer to Figure 34 and Table 21). These two nature of injury/disease categories accounted for 74% of gross incurred cost of other work-related long-term injuries (refer to Figure 35).

**Figure 34 – Other work-related major injuries: top five nature of injury/disease types 2015/16**



**Figure 35 – Other work-related major injuries: gross incurred cost for top five nature of injury/disease types 2015/16**



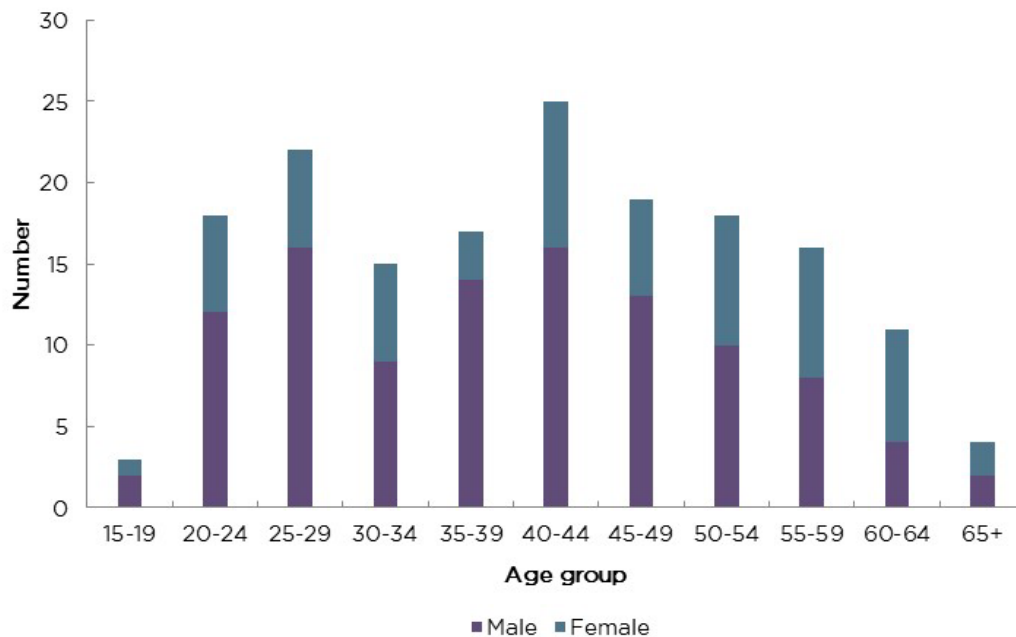
**Table 21 – Other work-related injuries: top five nature of injury/disease types and gross incurred cost 2015/16**

Nature of injury/disease	Number of injuries	Gross incurred cost (\$'000)
Traumatic joint/ligament and muscle/tendon injury	34	1,521
Fractures	23	1,403
Wounds, lacerations, amputations and internal organ damage	7	172
Other injuries	5	612
Intracranial injuries	2	231
<b>Total (long-term temporary disability injuries)</b>	<b>71</b>	<b>3,941</b>

## Number by age and gender

Figure 36 illustrates the distribution of other work-related injuries by age and gender. For males, other work-related injuries peaked in the 25-29, 40-44 and 35-39 age groups and were least in the 15-19 and 65+ age group. For females, other work-related injuries peaked in the 40-44 age group and were least in the 15-19 age group.

**Figure 36 – Other work-related major injuries by age and gender 2015/16**



## Number and gross incurred cost by cause of injury

Table 22 illustrates the distribution of other work-related injuries by cause of injury. Falls, trips and slips of a person was the most common cause of other work-related injuries (35 per cent injuries and 15 per cent of gross incurred cost). Vehicle accidents were the second most common cause of other work-related injuries (30 per cent of injuries and 60 per cent of gross incurred cost).

**Table 22 – Other work-related major injuries: mechanism of incident 2015/16**

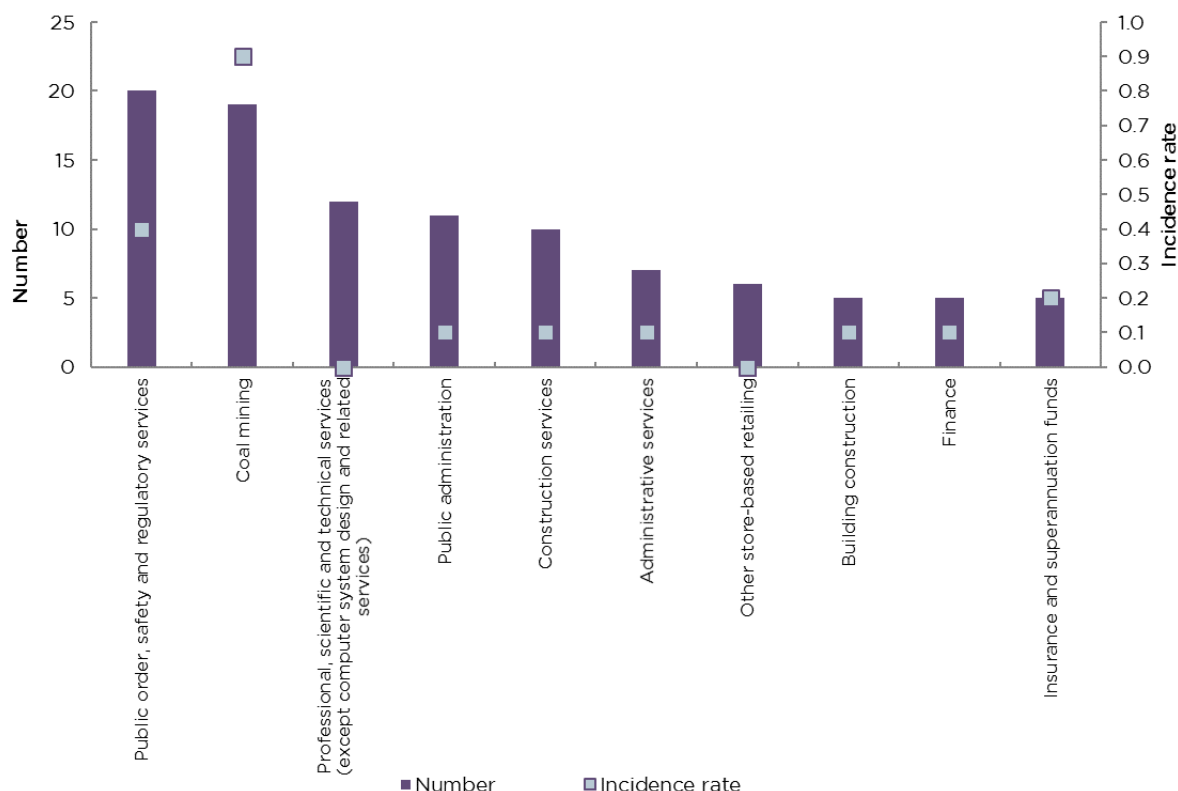
Mechanism of incident	Number of injuries	Gross incurred cost (\$'000)
Falls, trips and slips of a person	59	1,460
Vehicle accidents	50	5,999
Body stressing	23	763
Being hit by moving objects	22	1,070
Other mechanisms of incident	10	583
Hitting objects with a part of the body	4	166
<b>Total</b>	<b>168</b>	<b>10,013</b>

## Industry distribution

The industry divisions with the highest number of other work-related injuries in 2015/16 were public administration and safety (31), followed by mining (19), construction (16), finance and insurance (13), health care and social assistance (13), professional, scientific and technical services (11), administrative and support services (11), retail trade (nine), and manufacturing (eight). Together these industries accounted for 79 per cent of other work-related injuries.

Figure 37 illustrates the industry sub-divisions with the highest number of other work-related injuries along with the incidence rates. Public order, safety and regulatory services was the industry sub-division with the most other work-related injuries in 2015/16. Industry sub-divisions with the highest incidence rates in 2015/16 were public order, safety and regulatory services, coal mining, and private households employing staff and undifferentiated goods and service producing activities of households for own use.

**Figure 37 – Number and incidence rate of other work-related major injuries by top 10 industry sub-divisions 2015/16**



## Occupation distribution

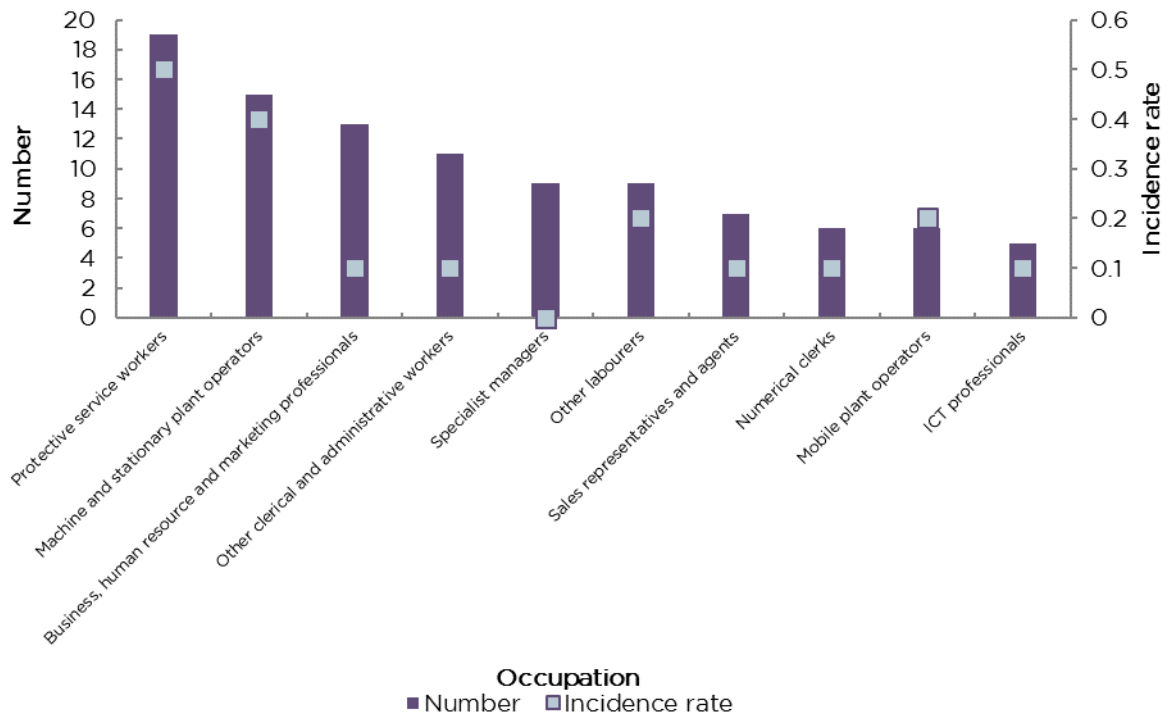
The major occupation categories with the highest number of other work-related injuries in 2015/16 were community and personal service workers (32), professionals (27), machinery operators and drivers (25), clerical and administrative workers (24), technicians and trades workers (21), labourers (16), managers (12), and sales workers (11).

The occupations at sub-major category level with the highest incidence rates were protective service workers (0.5 injuries per 1,000 employees), followed by machine and stationary plant operators (0.4 injuries per 1,000 employees), and then both other labourers and mobile plant operators (0.2 injuries per 1,000 employees). Other occupations that had incidence rates above the average NSW incidence rate for other work-related injuries of 0.1 injuries per 1,000 employees were business, human resource and marketing professionals, other clerical and administrative workers, sales representatives and agents, numerical clerks, ICT professionals, construction trades workers, electrotechnology and telecommunications trades workers, health and welfare support workers, other technicians and trades workers, farm, forestry and garden workers, personal assistants and secretaries, and clerical and office support workers.



Figure 38 illustrates occupation sub-major categories with the highest number of other work-related injuries and their incidence rates in 2015/16.

**Figure 38 – Number and incidence rate of other work-related major injuries by top 10 occupation sub-categories 2015/16**



## Section 6: Lost time and all injuries

This section covers all 'new' injuries (major and minor) reported in 2015/16 and information on lost time injuries reported from 2012/13 to 2015/16<sup>15</sup>. Lost time injuries are those that resulted in fatalities, permanent disabilities, or temporary disabilities when weekly incapacity payments have been made.

### Lost time injuries – trends 2012/13 to 2015/16

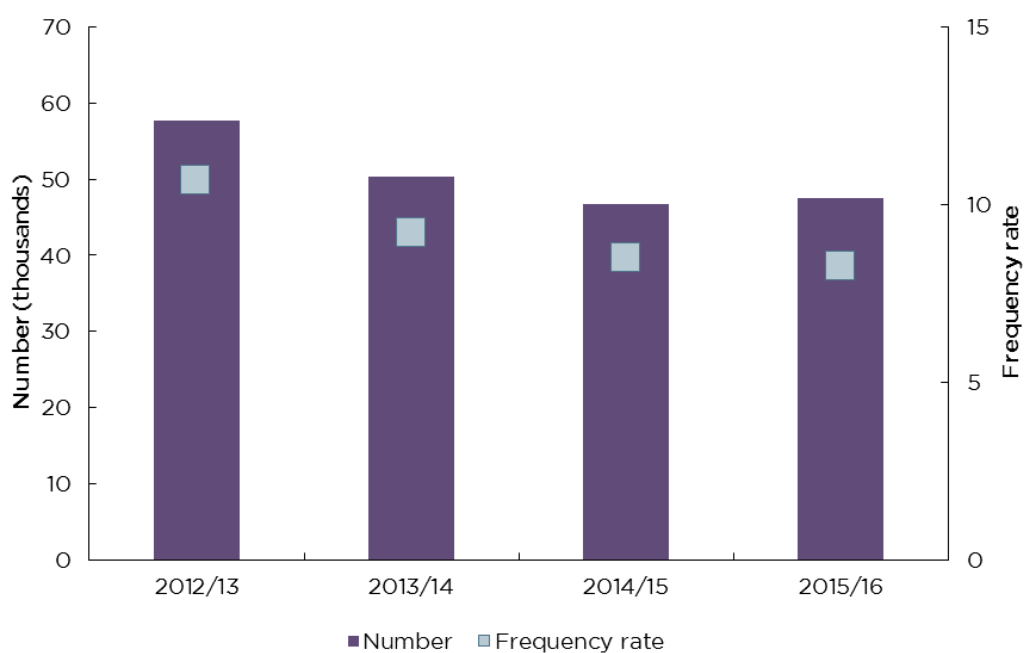
There were 47,476 lost time injuries reported in 2015/16, an increase of 1.5 per cent from 46,782 in 2014/15 and a decrease of 18 per cent from 57,746 in 2012/13.

The lost time frequency rate marginally decreased from 8.5 injuries per million hours worked in 2014/15 to 8.3 injuries per million hours worked in 2015/16.

The lost time incidence rate decreased from 14.2 injuries per 1,000 employees in 2014/15 to 13.8 injuries per 1,000 employees in 2015/16.

The total gross incurred cost for lost time injuries reported in 2015/16 was \$869 million, an increase of \$120 million or 16 per cent from \$749 million in 2014/15.

**Figure 39 – Number and frequency rate of lost time claims 2012/13 to 2015/16**



### Lost time injuries – 2015/16

During 2015/16, the total time lost was 450,126 weeks, with an average of 10 weeks per injury. Lost time injuries of up to one week constituted 40 per cent of all lost time injuries, while their cost was 25 per cent of total gross incurred costs for all lost time injuries.

<sup>15</sup> Trend analysis is limited to injuries reported from 2012/13 to 2015/16 in Section 6 due to the change in definition of 'lost time injuries' from 1 July 2012.

Table 23 compares the industry distribution of lost time injuries with major employment injuries. Most industries displayed a similar distribution for both lost time injuries and major employment injuries.

**Table 23 – Number of lost time injuries and major employment injuries by industry 2015/16**

Industry	Number of lost time injuries	%	Number of major employment injuries	%
Health care and social assistance	6,794	14.3	4,453	14.4
Manufacturing	6,480	13.6	4,352	14.1
Construction	5,138	10.8	3,827	12.4
Retail trade	4,579	9.6	2,425	7.9
Education and training	4,510	9.5	1,666	5.4
Public administration and safety	3,602	7.6	2,447	7.9
Accommodation and food services	2,748	5.8	2,011	6.5
Transport, postal and warehousing	2,667	5.6	2,370	7.7
Wholesale trade	2,219	4.7	1,293	4.2
Other services	1,582	3.3	1,007	3.3
Agriculture, forestry and fishing	1,458	3.1	1,037	3.4
Administrative and support services	1,427	3.0	984	3.2
Professional, scientific and technical services	1,031	2.2	616	2.0
Arts and recreation services	886	1.9	620	2.0
Mining	807	1.7	724	2.3
Rental, hiring and real estate services	482	1.0	312	1.0
Electricity, gas, water and waste services	373	0.8	310	1.0
Information media and telecommunications	368	0.8	215	0.7
Financial and insurance services	315	0.7	182	0.6
Missing	10	0.0	10	0.0
<b>NSW total</b>	<b>47,476</b>	<b>100</b>	<b>30,861</b>	<b>100</b>

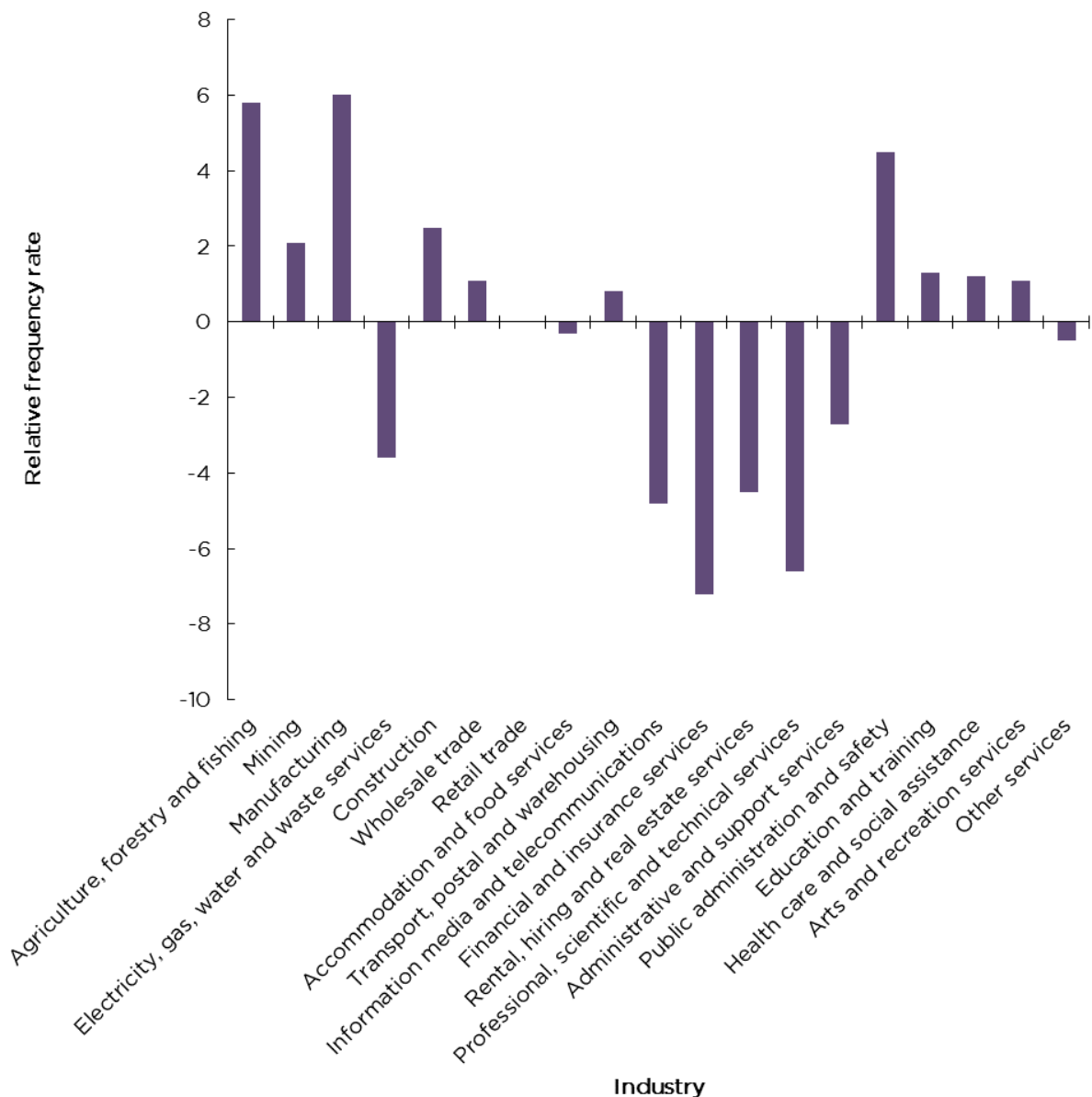
Table 24 illustrates the top 10 industries with highest lost time incidence and corresponding frequency rates.

**Table 24 – Lost time injury incidence and frequency rates by industry 2015/16:  
top 10 industries**

Industry	Lost time incidence rate	Lost time frequency rate
Agriculture, forestry and fishing	27.6	14.1
Manufacturing	27.0	14.3
Mining	22.4	10.4
Construction	21.9	10.8
Public administration and safety	21.4	12.8
Wholesale trade	17.6	9.4
Transport, postal and warehousing	16.9	9.1
Education and training	14.7	9.6
Health care and social assistance	14.1	9.5
Other services	13.7	7.8
<b>NSW total</b>	<b>13.8</b>	<b>8.3</b>

Figure 40 illustrates the lost time frequency rate for each industry, relative to the overall NSW lost time frequency rate. It represents the difference between individual industry lost time frequency rates and the overall NSW lost time frequency rate.

**Figure 40 – Lost time frequency rates by industry relative to the overall NSW lost time frequency rate 2015/16**



## All employment injuries – 2015/16

All 'new' employment injuries include both major and minor injuries reported 2015/16. Minor injuries are injuries with less than one week of weekly benefit entitlement paid.

During 2015/16, the total number of injuries was 92,124, 5.5 per cent of which were liability denied. The total gross incurred cost for these injuries was \$1.1 billion. The total time lost was 451,286 weeks, with an average of 5.1 weeks per injury.

Table 25 compares the industry distribution of all employment injuries with that for major employment injuries. The industry ordering is based on the number of all employment injuries.

**Table 25 – Number of all employment injuries and major employment injuries by industry 2015/16**

Industry	Number of all employment injuries	%	Number of major employment injuries	%
Manufacturing	13,196	14.3	4,352	14.1
Health care and social assistance	12,874	14.0	4,453	14.4
Construction	9,007	9.8	3,827	12.4
Retail trade	8,263	9.0	2,425	7.9
Public administration and safety	8,121	8.8	2,447	7.9
Education and training	6,995	7.6	1,666	5.4
Transport, postal and warehousing	5,964	6.5	2,370	7.7
Accommodation and food services	5,613	6.1	2,011	6.5
Wholesale trade	3,834	4.2	1,293	4.2
Administrative and support services	2,981	3.2	984	3.2
Other services	2,844	3.1	1,007	3.3
Agriculture, forestry and fishing	2,561	2.8	1,037	3.4
Professional, scientific and technical services	2,113	2.3	616	2.0
Arts and recreation services	2,059	2.2	620	2.0
Mining	1,800	2.0	724	2.3
Electricity, gas, water and waste services	1,143	1.2	310	1.0
Rental, hiring and real estate services	863	0.9	312	1.0
Financial and insurance services	752	0.8	182	0.6
Information media and telecommunications	707	0.8	215	0.7
Missing	434	0.5	10	0.0
<b>NSW total</b>	<b>92,124</b>	<b>100</b>	<b>30,861</b>	<b>100</b>

Table 26 illustrates the top 10 industries with the highest injury incidence and corresponding frequency rates.

**Table 26 – All employment injury incidence and frequency rates by industry 2015/16**

Industry	All employment injury: incidence rate	All employment injury: frequency rate
Manufacturing	55.0	29.1
Mining	50.0	23.2
Agriculture, forestry and fishing	48.5	24.8
Public administration and safety	48.3	28.8
Construction	38.5	19.0
Transport, postal and warehousing	37.7	20.4
Arts and recreation services	31.5	21.9
Wholesale trade	30.5	16.2
Electricity, gas, water and waste services	27.2	14.3
Health care and social assistance	26.8	18.0
<b>NSW total</b>	<b>26.8</b>	<b>16.0</b>

## Section 7: Payments

This section covers payments made in the 10 financial years to 2015/16 for all claims, including claims of less than five days, in the workers compensation system.

Changes to workers compensation legislation causing variations in payments data are explained in [Appendix D](#).

Compensation payments are broken into five major categories and 16 minor categories, and non-compensation payments into three major categories and five minor categories (refer to Table 27).

It should be noted that while Figure 41 provides the trend in unadjusted and adjusted payments, the comments in this section relate only to unadjusted payments. The effects of inflation or deflation have not been considered.

**Table 27 – Compensation and non-compensation payments**

Major payment category	Minor payment category
Compensation payments	
Medical and related	• Ambulance services
	• Medical treatment
	• Hospital treatment
	• Physiotherapy and chiropractic treatment
Lump sum	• Commutation
	• Permanent injury and interest section 66-67
	• Pain and suffering
Weekly payments	• Old sections 36-37 (weekly benefit)
	• Old section 38 (weekly benefit)
	• Old section 40 partial incapacity (weekly benefit)
	• Incapacity first 13 weeks (weekly benefit)
	• Incapacity 14-130 weeks (weekly benefit)
	• Incapacity over 130 weeks (weekly benefit)
Rehabilitation	• Rehabilitation treatment
Other compensation	• Death payments
	• Damage to artificial limbs and clothing



Major payment category	Minor payment category
Non-compensation payments	
Damages and common law	• Damages and common law
Legal costs	• Legal costs
Other non-compensation	• Transport and maintenance
	• Investigation expenses
	• Interpreter services

## Trends 2006/07 to 2015/16

Total payments consist of compensation payments as well as non-compensation payments.

A total of \$2.65 billion was paid as claim payments through the workers compensation system in 2015/16, an increase of one per cent from 2014/15. Total payments increased from \$2.21 billion in 2006/07 to a peak of \$3.10 billion in 2011/12. The upward trend in total payments reversed from 2011/12. Apart from the slight increase in payments in 2015/16, total payments since 2011/12 have continued to decrease (refer to Figure 41).

Payments for the following payment categories decreased by more than \$10 million in 2015/16 compared to 2014/15:

- weekly payments decreased by \$36 million (three per cent) from \$1.03 billion in 2014/15 to \$1.00 billion in 2015/16
- lump sum payments decreased by \$23 million (14 per cent) from \$158 million in 2014/15 to \$135 million in 2015/16, which included:
  - a 12 per cent reduction in permanent impairment injury payments from \$115 million to \$101 million
  - a 55 per cent reduction in pain and suffering payments from \$19 million to \$8 million.
- legal costs decreased by \$24 million (25 per cent) from \$97 million in 2014/15 to \$73 million in 2015/16.

Payments for the following payment categories increased by more than \$10 million in 2015/16 compared to 2014/15:

- medical and related payments increased by \$29 million (five per cent) from \$580 million in 2014/15 to \$610 million in 2015/16, which included:
  - a two per cent increase in medical treatment payments from \$410 million to \$419 million
  - a 19 per cent increase in hospital treatment payments from \$109 million to \$129 million.
- damages and common law payments increased by \$67 million (16 per cent) from \$408 million 2014/15 to \$475 million in 2015/16
- rehabilitation costs increased by \$22 million (16 per cent) from \$142 million in 2014/15 to \$164 million in 2015/16.

Figure 41 illustrates total unadjusted payments and total adjusted<sup>16</sup> payments using 2015/16 as the base year.

**Figure 41 – Total payments 2006/07 to 2015/16**

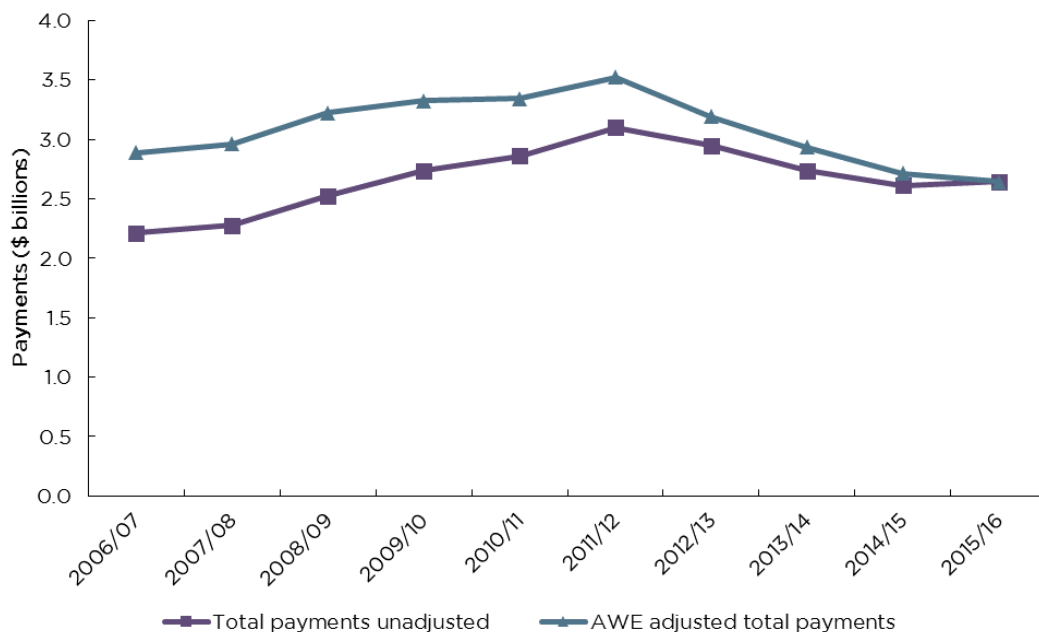
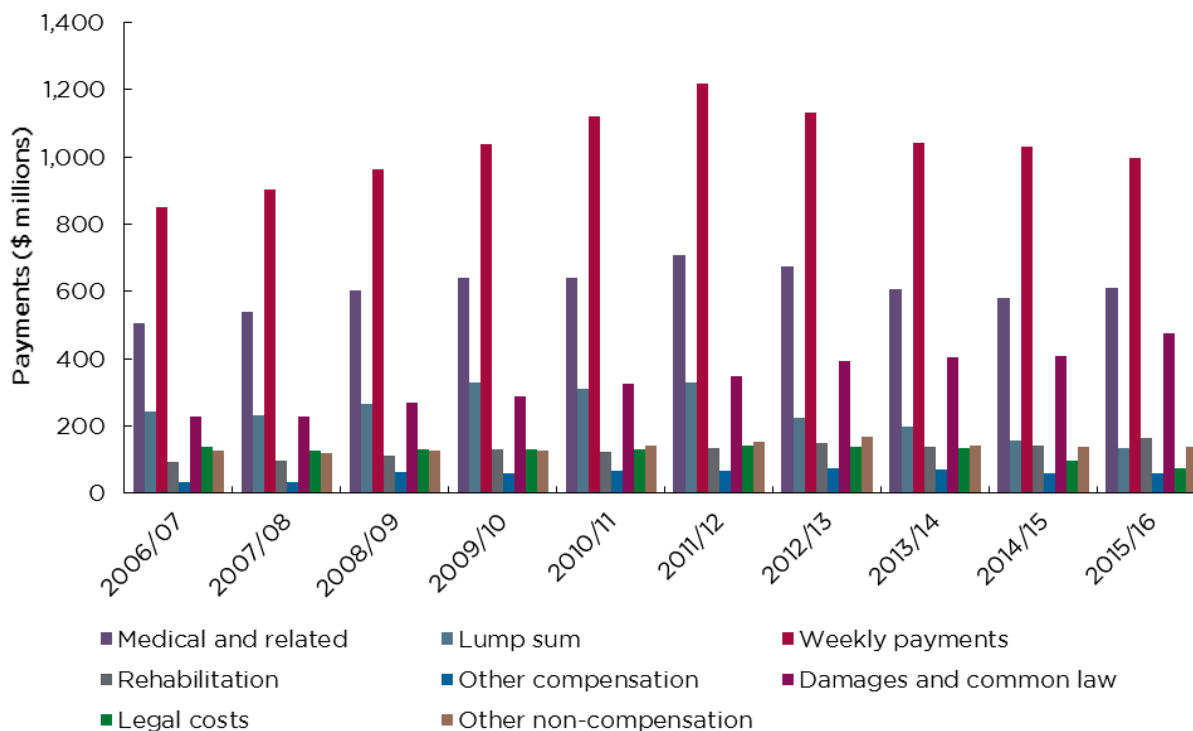


Figure 42 illustrates the trends in major payment categories from 2006/07 to 2015/16.

**Figure 42 – Payments by payment category 2006/07 to 2015/16**



<sup>16</sup> Total adjusted payments are calculated using average weekly earnings data obtained from the ABS publication 6302.0 - Average Weekly Earnings Australia.

Figure 43 illustrates the trends in the distribution of payments by major payment category as a percentage of total payments from 2006/07 to 2015/16. The distribution of payments was stable over the last 10 years to 2015/16 for most payment categories.

For the following categories, the distribution of payments varied within two percentage points over the last 10 years to 2015/16:

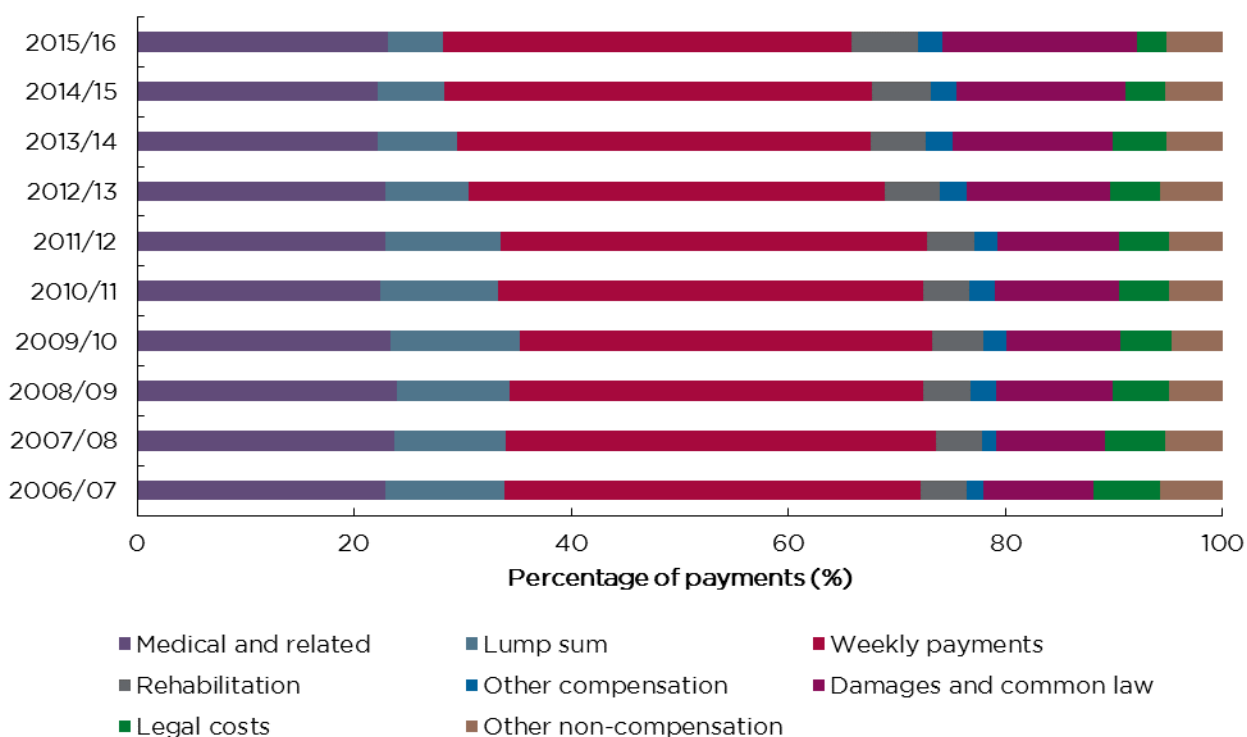
- other compensation
- other non-compensation payments
- medical and related payments
- weekly payments
- rehabilitation payments.

There was more than a two per cent variation in the following categories:

- lump sum payments (decreased in proportion from 11 per cent to five per cent of total payments)
- legal costs (decreased in proportion from six per cent to three per cent of total payments)
- damages and common law payments (increased in proportion from 10 per cent to 18 per cent of total payments).

Weekly payments had the highest 10-year average distribution of payments at 39 per cent, followed by medical and related payments at 23 per cent.

**Figure 43 – Distribution of payment types by percentage of total payments 2006/07 to 2015/16**



## Total payments 2015/16

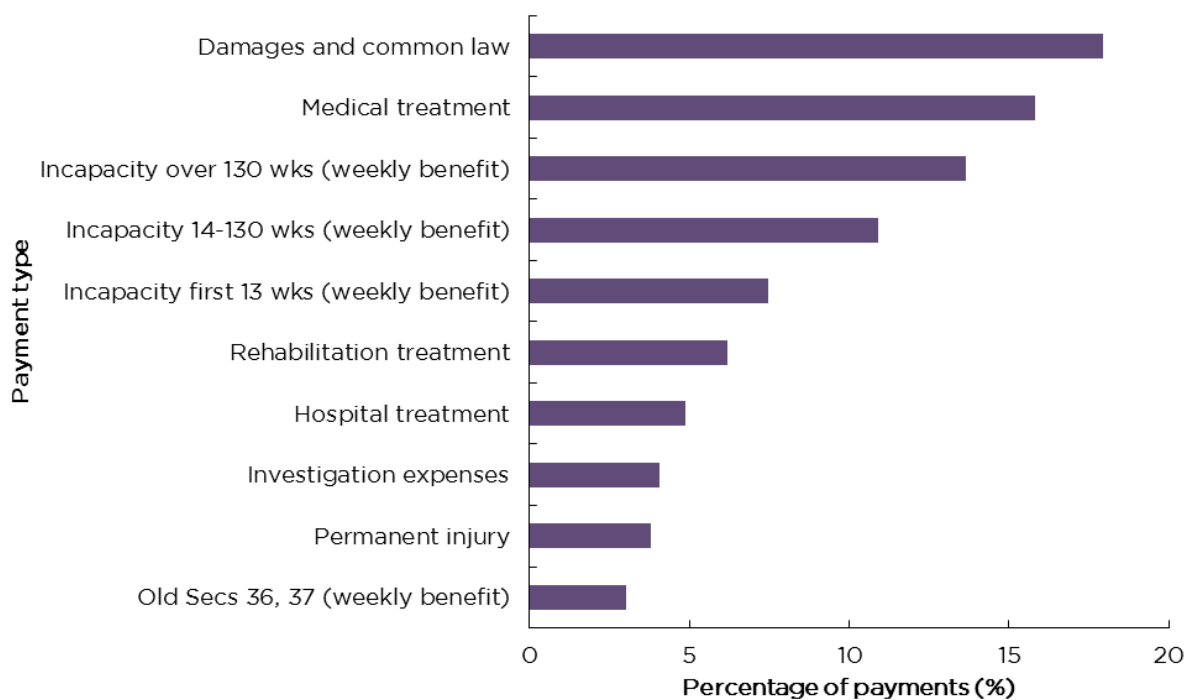
### Proportion of total payments

Benefits paid as a result of workplace injuries represented 72 per cent of payments, while benefits paid as a result of occupational diseases accounted for 25 per cent. The remaining three per cent related to payments for other work-related injuries.

### Payment category breakdown 2015/16

Figure 44 illustrates the percentages of the top 10 detailed payment categories in 2015/16. The largest category in 2015/16 was damages and common law (\$475 million). Other categories with large payments were medical treatment (\$419 million) and incapacity over 130 weeks - weekly benefit (\$361 million).

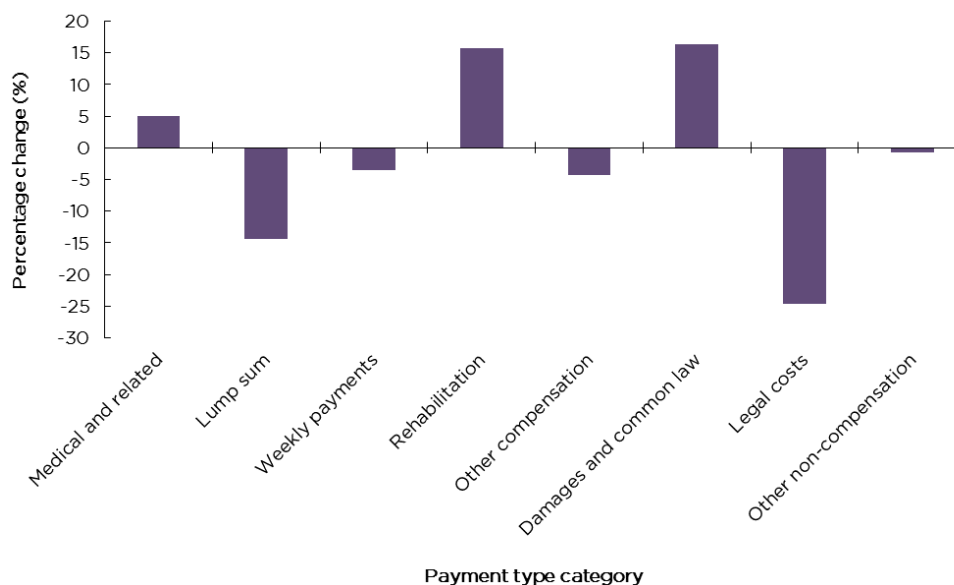
**Figure 44 - Percentage of payment by payment type 2015/16**



## Percentage change in payments since 2014/15

Figure 45 illustrates the percentage change in payments from 2014/15 to 2015/16 for each major payment category.

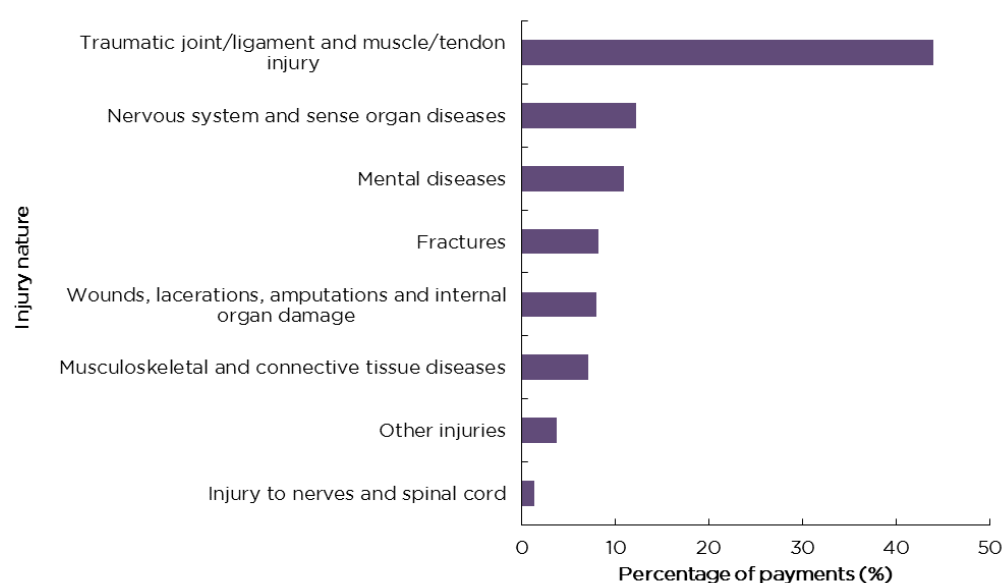
**Figure 45 – Percentage change in payments 2014/15 to 2015/16**



## Nature of injury/disease 2015/16<sup>17</sup>

The most common types of injuries/diseases leading to permanent impairment payments in 2015/16 were for traumatic joint/ligament and muscle/tendon injury. These types of injuries accounted for 44 per cent of permanent impairment payments. Injuries resulting in nervous system and sense organ diseases represented the second largest proportion of permanent impairment payments (12.2 per cent), followed by mental diseases (10.8 per cent). Collectively, the top eight high level categories, illustrated in Figure 46 below, accounted for 95 per cent of payments for permanent impairment.

**Figure 46 – Total permanent impairment payments by nature of injury/disease 2015/16**



<sup>17</sup> Refer to [Appendix C: Classifications](#) for the mapping used to map TOOCS 1 and TOOCS 2.1 codes to the TOOCS 3.1 groups

## Payments by industry<sup>18</sup>

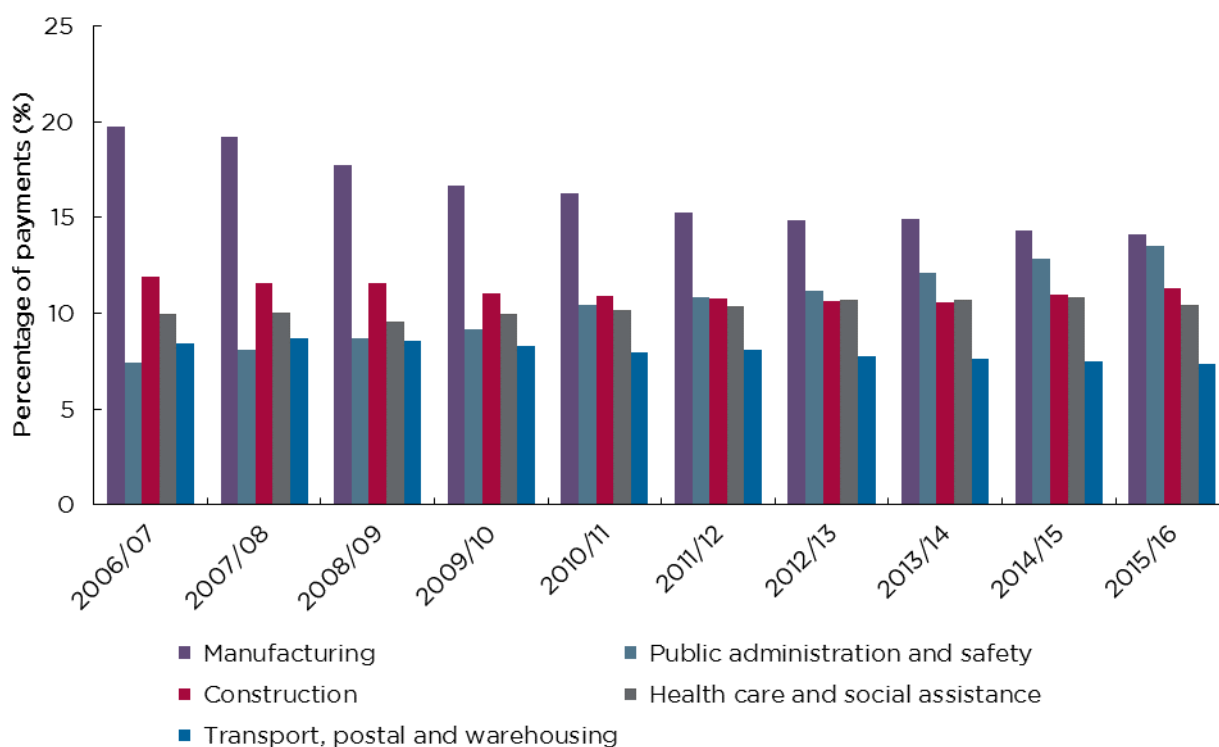
Figure 47 illustrates the top five industries by percentage of payments for the years 2006/07 to 2015/16. Figure 48 illustrates the total payments made for the top five industries for the 10 years 2006/07 to 2015/16.

From 2006/07 to 2015/16 the manufacturing industry consistently represented the bulk of payments for injury and occupational diseases. However, there was a decreasing trend in manufacturing industry payments in terms of total payments and the percentage of total payments. Other industries that represented a significant proportion of payments for injury and occupational diseases were the construction industry, health care and social assistance industry, public administration and safety industry, and transport, postal and warehousing industry.

Payments for the top five industries peaked in 2011/12 and there has been a downward trend since the peak until the current year. There has been an increase of two per cent in the total payments for the top five industries from 2014/15 to 2015/16.

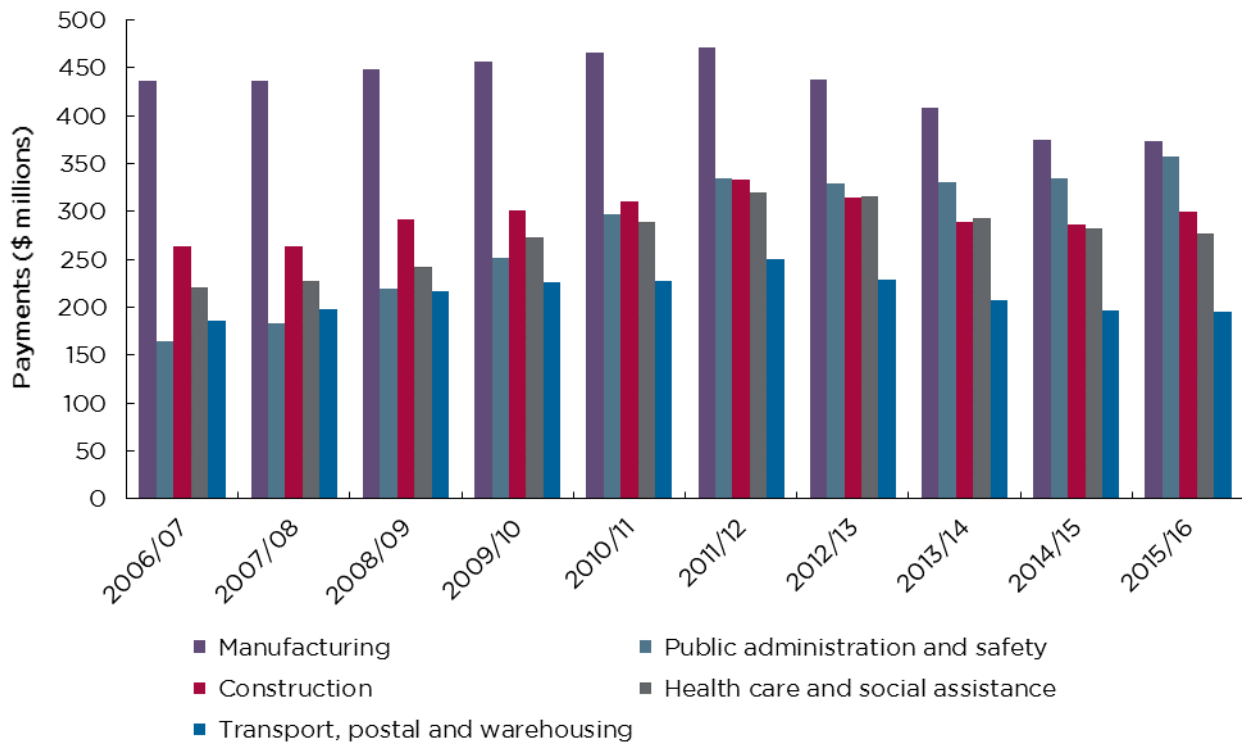
In 2015/16, the manufacturing industry represented \$373 million, or 14 per cent of total payments. During the same year, the public administration and safety industry represented \$357 million, or 13 per cent of total payments, construction industry payments represented \$300 million or 11 per cent of total payments, health care and social assistance industry payments represented \$276 million or 10 per cent of total payments, and transport, postal and warehousing industry payments represented \$195 million or seven per cent of total payments.

**Figure 47 – Highest percentage of payments by industry 2006/07 to 2015/16**



<sup>18</sup> Refer to [Appendix C: Classifications](#) for the mapping used to map ANZSIC 1993 divisions to the ANZSIC 2006 divisions.

Figure 48 – Highest payments (\$ millions) by industry 2006/07 to 2015/16



# Appendix A: Incidence rate calculation

The claims incidence rate used in this publication is expressed as the number of employment injuries per 1,000 employees in NSW exposed to risk. It is calculated as follows:

$$\text{Incidence rate} = \frac{\text{Number of employment injuries}}{\text{Number of employees}} \times 1,000$$

The fatalities incidence rate in this publication is calculated per 100,000 employees by multiplying the proportion of employment injuries to employees by 100,000.

## Methodology

Data on employed wage and salary earners obtained from the monthly *Labour Force survey*, conducted by the Australian Bureau of Statistics (ABS) has been used for calculating the number of employees (denominators). This data has been adjusted as far as possible to match the scope of the NSW workers compensation scheme by excluding Commonwealth employees.

To more correctly reflect the scope of the NSW workers compensation scheme, the following adjustments to the *Labour Force survey* data should be made but cannot be as the necessary data is not available:

- inclusion of deemed workers (deemed under Schedule 1 of the *Workplace Injury Management and Workers Compensation Act 1998* (1998 Act))
- exclusion of casual employees not considered to be deemed workers.

## Reliability and limitations

Calculation of incidence rates is limited by the availability of matching denominator data, which has been supplied by the ABS.

Reliability of incidence rate statistics depends on the degree of difference between the workers compensation and *Labour Force survey* data. The most significant difference is in the treatment of self-employed persons who fall within the category of deemed workers under the 1998 Act. Injuries to these workers are included in the number of injuries (the numerator), but they are excluded from the denominator.

The effect of this difference in scope is unevenly distributed among different industry and occupation groups. For example, the construction industry has a high proportion of contractors who are deemed workers. As these workers are included in the numerator but excluded from the denominator, the calculated incidence rate will be higher than the true incidence rate.

Also affecting reliability of incidence rate statistics is the exclusion of Commonwealth employees. As estimates of these cannot be identified from the *Labour Force survey*, they are obtained from another ABS survey, the survey of *Employee Earnings and Hours*. These surveys differ in a number of significant aspects, including coverage, concepts and definitions, and collection methodology. Using estimates from one survey to adjust estimates from the other slightly increases the relative standard error of the estimates of the number of workers.



## Sampling errors

The number of employees used in the incidence rate calculations are estimates of the number of people employed in NSW, taken from the Australian Bureau of Statistics (ABS) *Labour Force survey*. This is a sample survey and is therefore subject to sampling error. Sampling error occurs because a sample, rather than the entire population, is surveyed. The standard error of a sample measures the likely difference between the sample survey and the entire population.

The survey is also subject to non-sampling error. Non-sampling error arises from inaccuracies in collecting, recording and processing the data or because information cannot be obtained from all persons selected in the survey.

Relative standard error (RSE) is one measure of sampling error. Relative standard error is the standard error expressed as a percentage of the estimate. The [ABS website](#) provides an explanation of standard errors, relative standard errors, and reliability of estimates for labour force data.

The relative standard error for *Labour Force survey* number of employee estimates can be used to indicate the accuracy of the incidence rate as follows:

There are about two chances in three that the true incidence rate lies in the range:

$$\text{Incidence rate} \pm (\text{RSE} \times \text{incidence rate})$$

There are about 19 chances in 20 that the true rate is in the range:

$$\text{Incidence rate} \pm 2 (\text{RSE} \times \text{incidence rate})$$

Incidence rates with RSEs of 25 per cent or more are not considered reliable for most purposes. Incidence rates with RSEs greater than 25 per cent but less than or equal to 50 per cent are annotated by an asterisk (\*) to indicate they are subject to high standard errors and should be used with caution. Incidence rates with RSEs greater than 50 per cent have been replaced by a double asterisk (\*\*). These incidence rates are considered too unreliable for use.

Incidence rates of more aggregated levels of data will have lower RSEs and are less likely to be considered unreliable for use than incidence rates of more granular levels of data. For example, the incidence rate of the manufacturing industry will have a lower RSE and be considered more reliable than the incidence rate of the food product manufacturing industry, which is one of the sub-divisions within the manufacturing industry division.

In the case of incidence rates, the size of the relative standard error is a function of the size of the labour force estimate of workers on which it is based (denominator), not the size of the rate itself or the number of injuries, which is not subject to sampling error.

### Example calculation

The incidence rate of major employment injuries in the manufacturing industry in 2015/16 was 18.1 injuries per 1,000 employees and the relative standard error of this incidence rate was 15.67 per cent.

Therefore, there are two chances in three that the true incidence rate of the manufacturing industry in 2015/16 was in the range 15.3 to 20.9:

$$18.1 \pm (15.67\% \times 18.1) = 18.1 \pm 2.8$$

There are 19 chances in 20 that the true incidence rate of the manufacturing industry in 2015/16 was in the range of 12.4 to 23.8:

$$18.1 \pm (2 \times (15.67\% \times 18.1)) = 18.1 \pm 5.7$$

# Appendix B: Glossary

## ABS

Australian Bureau of Statistics

## Accidents away from work during recess period

Refer to [Other work-related injuries](#).

## Age

The claimant's age when the injury occurred or when the occupational disease was first reported to the employer.

## Agency of injury/disease

The object, substance, or circumstance that was the direct cause of the most serious injury or disease.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Average

The average of a set of data is the sum of all the data values divided by the number of data values.

## Average Weekly Earnings (AWE)

Average weekly earnings data is sourced from Australian Bureau of Statistics publication *6302.0 Average Weekly Earnings, Australia, TABLE 13A. Average Weekly Earnings, New South Wales (Dollars) – Original* (biannual releases – May and November). AWE data is used for adjusting total payments and in identifying 'major claims' when the average weekly earnings rate is missing.

## Bodily location of injury

The part of the body affected by the most serious injury sustained or suffered by the claimant.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Breakdown agency

The object, substance, or circumstance that was principally involved in, or most closely with, the point at which things started to go wrong and which ultimately led to the most serious injury or disease.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Claim

Means a claim for workers compensation or work injury damages that a person has made or is entitled to make under the *Workplace Injury Management and Workers Compensation Act 1998*.

The injury or illness may be physical or psychological, but employment must be a substantial contributing factor to injury for compensation to be payable.

Note: police officers, paramedics, fire fighters, volunteer bush fire fighters and emergency and rescue services volunteers may be able to claim for injury suffered during journeys to and from work or place of volunteering without the need to show a real and substantial connection with employment.

This report includes claims from workers whose employer is uninsured.

This report excludes claims for:

- dust diseases. These are administered by the Dust Diseases Authority.
- workers who are self-employed.
- employees of the Australian Government.
- NSW Police Service workers recruited prior to 1 April 1988 and those deemed to be non-police employees of the NSW Police Service.

## Commuting accidents

Refer to [Other work-related injuries](#).

## Compensation payments

Compensation payments relate to all lump sum and weekly payments for employment injuries.

Refer to [Payment types](#).

## Disease

Refer to [Occupational diseases](#).

## During work

A second-level nature of occurrence that combines the following duty status descriptions:

- working, at normal workplace or base of operations and
- working, away from normal place of work or base of operations.

## Employment injuries

Injuries resulting from incidents, and all occupational diseases contracted or aggravated out of or in the course of a worker's employment.

## Extent of disability

The long-term effect of the employment injury. Extent of disability reflects the situation at the end of November following the financial year in which the injury was originally reported. For example, if the extent of disability changes after November from permanent disability to fatal, the extent of disability will continue to be recorded as permanent disability in future bulletins.

Extent of disability is divided into the following categories:

- fatal employment injury
- permanent disability – means the worker is either totally or partially permanently incapacitated for any type of work. Partial disability is the partial or complete loss of, or loss of the use of, any part of the body faculty, resulting in a permanent diminution of the person's earning capacity or opportunities for employment, although they may still be able to work.
- temporary disability – does not result in death or permanent disability. In this publication, temporary disability cases are divided into those resulting in six months or more off work and cases resulting in less than six months off work.

## Fatalities

Fatalities are employment injuries and diseases resulting in the death of the injured worker. This category includes workers killed at work or when a worker subsequently dies of injuries received at work.

Fatalities include notifications of work-related injuries and liability accepted claims.

Fatalities exclude liability denied claims, claims with no action after notification and claims with liability status of reasonable excuse.

This report counts the fatality in the year the claim was entered into the insurer's system, when the extent of disability is recorded as a fatal employment injury at the end of November following the financial year in which the claim was reported. Note: if the fatality was incurred in an earlier financial year, but was entered into the insurer's system in a subsequent financial year, this fatality will be reported against the subsequent financial year.

## Frequency rate

Frequency rate is the number of injuries per million hours worked. The frequency rate is calculated as the number of employment injuries divided by the number of hours worked by employees and multiplied by one million.

## Gross incurred cost (GIC)

The sum of payments plus an estimate of future liability if the claim is still open at the end of the current financial year.

GIC figures reported in this bulletin are not adjusted for inflation.

## Incident

Incidents include illness/injury, hazard, near misses and workplace issues.

## Incidence rate

### Claims incidence rate

The claims incidence rate is the number of claims per 1,000 employees in the NSW workers compensation system using the annual total number of employed people in the NSW jurisdiction provided by Safe Work Australia based on ABS source data files.

### Fatality incidence rate

The fatality incidence rate is the number of fatalities per 100,000 employees in the NSW workers compensation system using the annual total number of employed people in the NSW jurisdiction provided by Safe Work Australia based on ABS source data files.

## Industry

The industry of the establishment at which the worker was employed at the time the injury occurred.

For claims reported from 1 July 2011, industries are classified according to the Australian and New Zealand Standard Industrial Classification, 2006 edition, ABS Catalogue No. 1292.0 (ANZSIC 2006).

For claims reported between 1 July 1997 to 30 June 2011, industries were classified according to the Australian and New Zealand Standard Industrial Classification, 1993 edition, ABS Catalogue No. 1292.0 (ANZSIC 1993).

For claims reported before 1 July 1997, industries were classified in accordance with the Australian Standard Industrial Classification (ASIC), 1983 edition, ABS Catalogue No 1201.0.

The industry codes of ANZSIC are hierarchical and consist of categories at four levels: divisions, sub-divisions, groups and classes. Divisions are often referred to as '1-digit' codes, sub-divisions as '2-digit' codes, groups as '3-digit' codes and classes as '4-digit' codes under this hierarchy.

Refer to Appendix C: Classifications for the mapping used to map ANZSIC 1993 divisions to the ANZSIC 2006 divisions.

## Injury

Refer to Employment injuries.

## Lost time injuries/claims

Lost time injuries/claims are defined as those that satisfy the following conditions:

- the claim entered the insurer's/scheme agent's computer system within the analysis period (for example, on or after 1 July 2015 and on or before 30 June 2016, for financial year 2015/16)
- the injury resulted in death, permanent disability, or temporary disability with at least one day off from work.

## Lump sum payments

The sum of payments for commutations, pain and suffering and permanent impairment.

## Major injuries/claims

Major injuries/claims are defined as those that satisfy the following conditions:

- the claim entered the insurer's/scheme agent's computer system within the analysis period (for example, on or after 1 July 2015 and on or before 30 June 2016 for financial year 2015/16)
- the injury resulted in death, permanent disability, or temporary disability with at least one week of weekly benefit entitlement paid.

## Manual handling

Any activity requiring the use of force exerted by a person to lift, lower, push, pull, carry or otherwise move, hold or restrain any animate or inanimate object. It relates to the following mechanism of injury/disease codes, as defined by TOOCS 3.1:

- 41: Muscular stress while lifting, carrying or putting down objects and
- 42: Muscular stress while handling objects other than lifting, carrying or putting down.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Mental disease

The term 'mental disease' refers to a range of psychological conditions for which workers compensation may be paid, including post-traumatic stress disorder, anxiety/stress disorder, clinical depression and short-term shock from exposure to disturbing circumstances.

For claims reported from 1 July 2011, mental disease claims include those with nature of injury/disease codes, as defined by TOOCS 3.1:

- 702: post-traumatic stress disorder
- 703: anxiety/stress disorder
- 704: depression
- 705: anxiety/depression combined
- 706: short-term shock from exposure to disturbing circumstances
- 707: reaction to stressors – other, multiple or not specified
- 718: other mental diseases, not elsewhere classified
- 719: mental diseases unspecified.

In Section 7, mental disease claims reported prior to 1 July 2011 are identified as those with nature of injury/disease of 910: Mental disorders, as defined by TOOCS 1 or TOOCS 2.1.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Mechanism of incident

The action, exposure, or event that best describes the circumstances that resulted in the most serious injury or disease.

Mechanism of incident applies to claims entered into the insurer's system on or after 1 July 2011.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

## Median

The midpoint of an ordered set of data (50th percentile).

## Nature of injury/disease

The most serious injury sustained or suffered by the claimant.

Refer to [Type of occurrence classification system](#) for further detail about the classification system.

Refer to [Appendix C: Classifications](#) for the mapping used to map TOOCS 1 and TOOCS 2.1 codes to the TOOCS 3.1 groups.

## Nature of occurrence

Whether the injury is a workplace injury, other than work-related injury or occupational disease.

Refer to [Employment injuries](#).

## Non-compensation payments

Refer to [Payment types](#).

## Occupation

For claims reported from 1 July 2011, occupations are classified according to the [Australian and New Zealand Standard Classification of Occupations \(ANZSCO\), 2006 Edition](#), ABS Catalogue No. 1220.0.

For claims reported between 2002/03 and 2010/11, occupations were classified in accordance with the Australian Standard Classification of Occupations (ASCO), Second Edition 1997, ABS Catalogue No 1222.0.

For claims reported before 2002/03, occupations were classified in accordance with the ABS Australian Standard Classification of Occupations, First Edition 1986.

The occupation codes of ANZSCO are hierarchical and grouped in five levels: major groups, sub-major groups, minor groups, unit groups and occupations. These five levels are represented by a six-digit code. Worker compensation claims are coded using the first four digits of the classification and therefore the finest level to which they are coded is unit groups. Major groups are often referred to as '1-digit' codes, sub-major groups as '2-digit' codes, minor groups as '3-digit' codes and unit groups as '4-digit' codes under this hierarchy.

## Occupational diseases

Diseases contracted or aggravated in the course of employment and to which the employment was a contributing factor. Occupational diseases are distinguishable from workplace and other work-related injuries by at least one of the following characteristics:

- the slow and protracted nature of its cause

- the result of a single traumatic event (for example, the development of hepatitis following a single exposure to the infection or the development of conjunctivitis after being exposed to a welding flash)
- repeated or continuous action of a mechanical, physical or chemical nature, not the effect of a single event but a cause acting imperceptibly and constantly (for example, loss of hearing as a result of long term exposure to noise)
- the uncertain time of its beginning
- a possible predisposition to the development of the condition.

## Other work-related injuries

Involve injuries away from the workplace when the worker is considered on duty. There are two categories:

- accidents away from work during a recess period when the worker has attended the place of employment and is temporarily absent on that day during an ordinary recess or authorised absence
- commuting accidents either during travel between residence and workplace, or to educational institutions for training associated with the worker's employment, or to medical treatment for a compensable injury. This category includes road traffic accidents while commuting.

Since 2004/05 road traffic injuries where the injured person was on duty are classified as 'workplace injuries'. Prior to 2004/05 all road traffic accidents were classified as 'other work-related injuries'.

## Payment types

For the full legal definition of the following payment types, refer to the *Workers Compensation Act 1987* (1987 Act) and the *Workplace Injury Management and Workers Compensation Act 1998* (1998 Act).

## Compensation payments

Compensation payments relate to all lump sum and weekly payments for employment injuries and comprise payments for the following:

- **ambulance services** – payments for the conveyance and/or paramedic service of an injured worker to or from a medical practitioner or hospital. Emergency, non-emergency and inter hospital transfers can be made by road, fixed wing and helicopter, pursuant to Sections 59 and 63 of the 1987 Act.
- **commutations** – the actual gross amount of commutation awarded or agreed upon for the claim. This refers to compensation where a commutation of the claimant's right to compensation has been made by the insurer. The up-front lump sum payment is made to an injured worker in place of continuing weekly compensation award and future medical and hospital expenses, pursuant to Part 3, Division 9 Commutation of compensation, Sections 87D to 87K of the 1987 Act.
- **damage to artificial limbs and clothing** – payments for the repair to or replacement of property as a result of the workplace injury, pursuant to Sections 74 and 75 of the 1987 Act.
- **death payments** - funeral expenses, weekly payments for dependent children and lump sum payments paid to the dependents or estate of the deceased worker, pursuant to the 1987 Act and *Workers Compensation (Dust Diseases) Act 1942*.



- **hospital treatment** – payments for public hospital treatment, public hospital brain injury rehabilitation, public hospital spinal injury rehabilitation, public hospital medical reports and health records, and private hospital treatment and services.
- **incapacity first 13 weeks (weekly benefit)** – weekly payments to injured workers during the first aggregate period (whether or not consecutive) of 13 weeks, pursuant to Section 36 of the 1987 Act, Legislation Amendment 2012.
- **incapacity 14–130 weeks (weekly benefit)** – weekly payments to injured workers during the second entitlement period (whether or not consecutive) of 117 weeks, after the expiry of the first entitlement period (13 weeks), pursuant to Section 37 of the 1987 Act, Legislation Amendment 2012.
- **incapacity over 130 weeks (weekly benefit)** – weekly payments to injured workers who have either no work capacity or current work capacity and works 15 hours or more per week, pursuant to Section 38 of the 1987 Act, Legislation Amendment 2012.
- **medical treatment** – payments for professional medical expenses, dental services, exercise physiologist services, pharmaceutical services, osteopathy services, remedial massage therapy services, counselling services, psychological services, optometry services, other therapies and treatments, allied services not elsewhere classified, nursing care at home, domestic assistance, personal care, home and motor vehicle purchases and modification, mobility aids, and hearing aids.
- **old sections 36 and 37 (weekly benefit) – total incapacity** – weekly payments to injured workers who are totally incapacitated and unable to perform any work at all, pursuant to Sections 36 and 37 of the 1987 Act, before Legislation Amendment 2012.
- **old section 38 (weekly benefit) – partial incapacity** – (a) weekly payments to injured workers who are partially incapacitated for work as a result of an injury, but are not suitably employed during any period of that partial incapacity for work, pursuant to Section 38 of the 1987 Act, before Legislation Amendment 2012.
- **old section 40 (weekly benefit) – partial incapacity** – (b) weekly payments (make up pay) to injured workers who are partially incapacitated and can only do some of the work requirements of their previous position or are unable to continue with all of the duties working at a slower rate and earning less money, pursuant to Section 40 of the 1987 Act, before Legislation Amendment 2012.
- **permanent injury and interest for sections 66 and 67**– lump sum payments for the permanent loss or impairment of a specified bodily function or limb, or severe facial or bodily disfigurement, including interest, pursuant to Section 66 of the 1987 Act.
- **pain and suffering** – lump sum payment for pain and suffering related to a permanent impairment, pursuant to (repealed) Section 67 of the 1987 Act, claimed before the 19 June 2012.
- **physiotherapy and chiropractic treatment** – payments for services provided by physiotherapists and chiropractors, pursuant to Sections 59, 60 and 61 of the 1987 Act.
- **rehabilitation treatment** - payments for a single workplace rehabilitation service, a suite of services provided to assist a worker to return to work (RTW) with the same employer, a suite of services provided to assist a worker to RTW with a different employer, or travel costs of the workplace rehabilitation provider in the delivery of rehabilitation services, pursuant to Sections 59, 60 and 63A of the 1987 Act. Rehabilitation treatment includes the initial rehabilitation assessment, workplace assessment, advice concerning job modification, and rehabilitation counselling. Rehabilitation treatment does not include medical, hospital, and physiotherapy or chiropractic treatment.

## Non-compensation payments

These include all payments for expenses associated with a claim and are as follows:

- **damages and common law** – lump sum payments for damages and common law legal expenses incurred by the worker or agent/insurer, pursuant to Part 5 Common Law remedies, Sections 149 to 151AD of the 1987 Act and Section 318H of the 1998 Act.
- **interpreter services** – amounts paid to any approved interpreter service for English language assistance to the claimant, pursuant to Section 64A of the 1987 Act.
- **investigation expenses** – payments for insurer and worker investigation expenses, pursuant to Sections 9A, 11A and 44A of the 1987 Act and Sections 45A, 330, 331, 337, 339 and 376 of the 1998 Act.
- **legal costs** – legal expenses incurred in handling the claim and those incurred by the claimant, pursuant to Sections 25, 29, 32, 87 of the 1987 Act and Sections 337, 338 and 339 of the 1998 Act. Legal costs reported in this report exclude Independent Legal Review Service (ILARS) legal costs.
- **transport and maintenance** – expenses related to travel costs incurred by the worker attending medical examinations or court hearings when required to do so by the insurer or by SIRA and/or SafeWork NSW, pursuant to Section 60 of the 1987 Act.

## Permanent disability

A permanent disability is one where the worker is either totally or partially permanently incapacitated for any type of work. Partial disability is the partial or complete loss of, or loss of the use of, any part of the body faculty, resulting in a permanent diminution of the person's earning capacity or opportunities for employment, although they may still be able to work.

## Recess

The duty status of 'away from work during recess period' flags that the injury or disease (including vehicle accidents) occurred when the claimant had gone to work, but was temporarily absent from the workplace on an authorised ordinary recess or authorised absence from the workplace. This precludes personal injuries incurred during that absence that resulted from voluntarily subjection to any abnormal risk of injury (refer to Section 11 of the *Workers Compensation Act 1987*).

## Road traffic injuries

Road traffic injuries comprise all injuries resulting from road traffic accidents. Since 2004/05 road traffic injuries where the injured person was on duty are classified as 'workplace injuries'. Prior to 2004/05 all road traffic accidents were classified as 'other work-related injuries'.

## Temporary disability

A temporary disability does not result in death or permanent disability. In this publication, temporary disability cases are divided into those resulting in six months or more off work and cases resulting in less than six months off work.

## Time lost

The total number of weeks the claimant was off work due to the injury, plus an estimate of future time off work if the claim is still open at the end of the current financial year.

Time lost is only reported for temporary disability cases resulting in less than three years off work. It is recorded as calendar days and converted to weeks by dividing by seven.

It is important not to confuse time lost with the period paid for total incapacity. Period paid for total incapacity refers to the actual number of days for which compensation payments were made. This definition is used to determine whether a claim is included in this publication. Time lost includes the period paid for total incapacity and may also include weekends, holidays or other days when compensation payments were not made.

## Type of occurrence classification system (TOOCS)

For claims reported from 1 July 2011 the classification used for agency of injury/disease, bodily location of injury, breakdown agency, mechanism of injury/disease, and nature of injury/disease is Type of Occurrence Classification System, Third Edition (Revision 1), Australian Safety and Compensation Council, Canberra 2008 (TOOCS 3.1).

For claims reported between 2002/03 and 2010/11 the classification used was Type of Occurrence Classification System, Second Edition – Revision 1, National Occupational Health and Safety Commission, Canberra 2002 (TOOCS 2.1).

For claims reported before 2002/03 the classification used was Type of Occurrence Classification System, First edition, WorkSafe Australia, 1990 (TOOCS 1).

Refer to Appendix C: Classifications for the mapping used to map TOOCS 1 and TOOCS 2.1 codes to the TOOCS 3.1 groups.

## Weekly payments

Weekly payments paid to an injured worker for incapacity.

## Work break

The duty status of 'at work: meal break' flags that the injury or disease occurred when the claimant was having a meal or other work break at their employer's workplace.

Refer to Workplace injuries.

## Workers compensation system

The workers compensation system in NSW is regulated by the State Insurance Regulatory Authority (SIRA) and operates under three Acts, the Workers Compensation Act 1987 (1987 Act), the Workplace Injury Management and Workers Compensation Act 1998 (1998 Act) and the State Insurance and Care Governance Act 2015.

The workers compensation system includes the following insurance segments:

- **Nominal Insurer:** a statutory insurer responsible for the Workers Compensation Insurance Fund (managed by icare NSW)
- **Specialised insurers:** insurers licensed to operate within particular industries
- **Self-insurers:** large employers licensed to self-insure
- **Government self-insurers:** employers covered by the Government's managed fund scheme, the Treasury Managed Fund (TMF). TMF is administered by the NSW Self Insurance Corporation (under icare NSW).

## Workplace injuries

Injuries that occur at the workplace, either during work or a work break, and when the worker's activity is under the control of an employer including road traffic accidents while on duty. Also included in this category are injuries that occurred while the worker was working at a location other than their normal workplace or base of operations.

## Workplace fatalities

Refer to [Fatalities](#).

# Appendix C: Classifications

## Bodily location of injury/disease

### Group 1 – Head

- 11 Cranium
- 12 Eye
- 13 Ear
- 14 Mouth
- 15 Nose
- 16 Face – not elsewhere classified
- 18 Head – multiple locations
- 19 Head – unspecified locations

### Group 2 – Neck

- 21 Neck

### Group 3 – Trunk

- 31 Back – upper or lower
- 33 Chest (thorax)
- 34/35 Abdomen and pelvic region
- 38 Trunk – multiple locations
- 39 Trunk – unspecified locations

### Group 4 – Upper limbs

- 41 Shoulder
- 42 Upper arm
- 43 Elbow
- 44 Forearm
- 45 Wrist
- 46 Hand, fingers and thumb
- 48 Upper limb – multiple locations
- 49 Upper limb – unspecified locations

## Group 5 – Lower limbs

- 51 Hip
- 52 Upper leg
- 53 Knee
- 54 Lower leg
- 55 Ankle
- 56 Foot and toes
- 58 Lower limb – multiple locations
- 59 Lower limb – unspecified locations

## Group 6 – Multiple locations

- 61 Neck and trunk
- 62 Head and neck
- 63 Head and other
- 64 Trunk and limbs
- 65 Upper and lower limbs
- 66 Neck and shoulder
- 68 Other specified multiple locations
- 69 Unspecified multiple locations

## Group 7 – Systemic locations

- 71 Circulatory system
- 72 Respiratory system
- 73 Digestive system
- 74 Genitourinary system
- 75 Nervous system
- 78 Other and multiple systemic conditions
- 79 Unspecified systemic conditions

## Group 8 – Non-physical locations

- 80 Psychological system

## Group 9 – Unspecified locations

- 90 Unspecified locations

## Mechanism of incident

### Group 0 – Falls, trips and slips of a person

- 01 Falls from a height
- 02 Falls on the same level
- 03 Stepping, kneeling or sitting on objects

### Group 1 – Hitting objects with a part of the body

- 11 Hitting stationary objects
- 12 Hitting moving objects
- 13 Rubbing and chafing

### Group 2 – Being hit by moving objects

- 21 Being hit by falling objects
- 22 Being bitten by an animal
- 23 Being hit by an animal
- 24 Being hit by a person accidentally
- 25 Being trapped by moving machinery or equipment
- 26 Being trapped between stationary and moving objects
- 27 Exposure to mechanical vibration
- 28 Being hit by moving objects
- 29 Being assaulted by a person or persons

### Group 3 – Sound and pressure

- 31 Exposure to single, sudden sound
- 32 Long-term exposure to sounds
- 38 Explosion
- 39 Other variations in pressure

### Group 4 – Body stressing

- 41 Muscular stress while lifting, carrying, or putting down objects
- 42 Muscular stress while handling objects other than lifting, carrying or putting down
- 43 Muscular stress with no objects being handled
- 44 Repetitive movement, low muscle loading

## Group 5 – Heat, electricity and other environmental factors

- 51 Contact with hot objects
- 52 Contact with cold objects
- 53 Exposure to environmental heat
- 54 Exposure to environmental cold
- 55 Exposure to non-ionising radiation
- 56 Exposure to ionising radiation
- 57 Contact with electricity
- 58 Drowning/immersion
- 59 Exposure to other and unspecified environmental factors

## Group 6 – Chemicals and other substances

- 61 Single contact with chemical or substance
- 62 Long-term contact with chemicals or substances
- 63 Insect and spider bites and stings
- 64 Contact with poisonous parts of plant or marine life
- 69 Other and unspecified contact with chemical or substance

## Group 7 – Biological factors

- 71 Contact with, or exposure to, biological factors of non-human origin
- 72 Contact with, or exposure to, biological factors of human origin
- 79 Contact with, or exposure to, biological factors of unknown origin

## Group 8 – Mental stress

- 81 Exposure to a traumatic event
- 82 Exposure to workplace or occupational violence
- 84 Work pressure
- 85 Suicide or attempted suicide
- 86 Other mental stress factors
- 87 Work-related harassment and/or workplace bullying
- 88 Other harassment

## Group 9 – Vehicle incidents and other

- 91 Slide or cave-in
- 92 Vehicle incident
- 93 Rollover
- 98 Other and multiple mechanisms of incident
- 99 Unspecified mechanisms of incident



## Nature of injury/disease

### Injuries

#### Group A – Intracranial injuries

- 101 Brain injury
- 108 Other intracranial injury, not elsewhere classified
- 109 Intracranial injury, unspecified

#### Group B – Fractures

- 111 Fractured skull and facial bones
- 112 Fracture of vertebral column without mention of spinal cord lesion
- 118 Other fractures, not elsewhere classified
- 119 Fractures, unspecified

#### Group C – Wounds, lacerations, amputations and internal organ damage

- 129 Internal injury of chest, abdomen and pelvis
- 139 Traumatic amputation
- 145 Injury to major blood vessel
- 149 Laceration or open wound not involving traumatic amputation
- 154 Medical sharp/needle-stick puncture
- 159 Superficial injury
- 169 Contusion, bruising and superficial crushing

#### Group D – Burn

- 171 Electrical burn
- 172 Chemical burn
- 173 Cold burn
- 174 Hot burn
- 175 Friction burn
- 178 Combination burn or burn not elsewhere classified
- 179 Burns, unspecified

#### Group E – Injury to nerves and spinal cord

- 181 Quadriplegia involving spinal cord injury
- 182 Paraplegia involving spinal cord injury
- 188 Injuries to nerves and spinal cord, not elsewhere classified
- 189 Injuries to nerves and spinal cord, unspecified

## **Group F – Traumatic joint/ligament and muscle/tendon injury**

### **Sub-group F1 – Trauma to joints and ligaments**

- 201 Dislocation
- 218 Trauma to joints and ligaments, not elsewhere classified
- 219 Trauma to joints and ligaments, unspecified

### **Sub-group F2 – Trauma to muscles and tendons**

- 222 Traumatic tearing away part of the muscle/tendon structure, avulsion
- 223 Trauma to muscles
- 224 Trauma to tendon
- 228 Trauma to muscles and tendons, not elsewhere classified
- 229 Trauma to muscles and tendons, unspecified

### **Sub-group F3 – Residual soft tissue disorders due to trauma or unknown mechanisms**

- 239 Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere

## **Group G – Other injuries**

- 301 Foreign body on external eye, in ear or nose or in respiratory, digestive or reproductive tract
- 302 Poisoning and toxic effects of substances
- 309 Audio shock, audio shriek
- 311 Electrocution, shock from electric current
- 312 Traumatic deafness from air pressure or explosion
- 313 Heat stress/heat stroke
- 314 Hypothermia and effects of reduced temperature
- 319 Effects of weather, exposure, air pressure and other external causes, not elsewhere classified
- 329 Multiple injuries
- 349 Other specified injuries, not elsewhere classified
- 399 Unspecified injuries

## **Diseases and conditions**

### **Group H – Musculoskeletal and connective tissue diseases**

#### **Sub-group H1 – Joint diseases (arthropathies) and other articular cartilage diseases**

- 401 Osteoarthritis/osteoarthrosis
- 402 Inflammatory arthritis/arthropathies
- 403 Infectious arthritis/arthropathies
- 404 Arthropathies, not elsewhere classified
- 405 Arthropathies, unspecified

- 406 Meniscus degenerate/detached/retained/chronic tear
- 407 Acquired musculoskeletal deformities
- 409 Other chronic joint and ligament diseases
- 418 Joint and other articular cartilage diseases, not elsewhere classified
- 419 Joint and other articular cartilage diseases, unspecified

**Sub-group H2 – Spinal vertebrae and intervertebral disc diseases – dorsopathies**

- 422 Disc displacement, prolapse, degeneration or hernia
- 423 Infectious diseases involving the spine
- 459 Back pain, lumbago, and sciatica
- 479 Neck pain, cervicalgia
- 488 Spinal vertebrae and intervertebral discs diseases, not elsewhere classified
- 489 Spinal vertebrae and intervertebral discs diseases, unspecified

**Sub-group H3 – Diseases involving the synovium and related tissue**

- 501 Synovitis and tenosynovitis
- 503 Ganglion, trigger finger, Dupuytren's contracture
- 518 Diseases of synovium and related tissue, not elsewhere classified
- 519 Diseases of synovium and related tissue, unspecified

**Sub-group H4 – Diseases of muscle, tendon and related tissue**

- 526 Tendinitis
- 527 Epicondylitis
- 531 Frozen shoulder (adhesive capsulitis)
- 532 Fasciitis
- 533 Muscle/tendon strain (non-traumatic)
- 538 Diseases of muscle, tendon and related tissue, not elsewhere classified
- 539 Diseases of muscle, tendon and related tissue, unspecified

**Sub-group H5 – Other soft tissue diseases**

- 541 Bursitis
- 542 Occupational overuse syndrome
- 548 Fibromyalgia, fibrositis and myalgia
- 557 Complex regional pain syndrome
- 568 Other specified soft tissue diseases, not elsewhere classified

**Sub-group H6 – Other musculoskeletal and connective tissue diseases, not elsewhere classified**

- 571 Osteopathies and chondropathies
- 579 Soft tissue diseases due to non-traumatic causes with insufficient information to code in groups H3 to H5
- 599 musculoskeletal and connective tissue diseases, unspecified

## **Group I – Mental diseases**

- 702 Post-traumatic stress disorder
- 703 Anxiety/stress disorder
- 704 Depression
- 705 Anxiety/depression combined
- 706 Short term shock from exposure to disturbing circumstances
- 707 Reaction to stressors – other, multiple or not specified
- 718 Other mental diseases, not elsewhere classified
- 719 Mental diseases unspecified

## **Group J – Digestive system diseases**

- 721 Hernias
- 722 Ulcers and gastritis
- 738 Diseases of the digestive system, not elsewhere classified.
- 739 Diseases of the digestive system, unspecified.

## **Group K – Skin and subcutaneous tissue diseases**

- 741 Contact dermatitis
- 742 Other and unspecified dermatitis or eczema
- 758 Other diseases of skin and subcutaneous tissue, not elsewhere classified
- 759 Diseases of skin and subcutaneous tissue, unspecified.

## **Group L – Nervous system and sense organ diseases**

- 761 Diseases of the brain, spinal cord and peripheral nervous system
- 762 Diseases of nerve roots, plexuses and single nerves
- 763 Carpal tunnel syndrome
- 764 Diseases of the conjunctiva and cornea
- 769 Other diseases of the eye
- 771 Deafness
- 777 Other diseases of the ear and mastoid process
- 778 Diseases of the nervous system and sense organs, not elsewhere classified
- 779 Diseases of the nervous system and sense organs, unspecified

## **Group M – Respiratory system diseases**

- 781 Asthma
- 782 Legionnaires' disease
- 783 Asbestosis
- 784 Silicosis
- 785 Pneumoconiosis due to coal dust
- 786 Pneumoconiosis excluding asbestosis, silicosis and coal workers' pneumoconiosis

- 787 Other respiratory conditions due to substances
- 788 Chronic bronchitis, emphysema and allied conditions
- 798 Other diseases of the respiratory system, not elsewhere classified
- 799 Other diseases of the respiratory system, unspecified

#### **Group N – Circulatory system diseases**

- 801 Ischaemic heart disease
- 802 Other heart disease excluding ischaemic heart disease
- 803 Cerebrovascular disease
- 804 Arterial disease
- 805 Vibration white finger – secondary Raynaud’s Disease
- 806 Hypertension
- 807 Venous thromboembolism
- 808 Venous disease, not elsewhere classified
- 818 Other diseases of the circulatory system, not elsewhere classified
- 819 Other diseases of the circulatory system, unspecified

#### **Group O – Infectious and parasitic diseases**

- 821 Intestinal infectious diseases
- 822 Anthrax
- 823 Brucellosis
- 824 Q-fever
- 825 Leptospirosis
- 826 Other zoonoses, not elsewhere classified
- 827 Protozoal diseases
- 828 Specified sexually transmitted diseases excluding HIV/AIDS
- 831 Hepatitis A
- 832 Hepatitis B
- 833 Hepatitis C
- 834 Viral hepatitis, not elsewhere classified or unspecified
- 835 Human immunodeficiency virus (HIV)/AIDS
- 836 Viral diseases, not classified elsewhere.
- 837 Fungal conditions (mycoses)
- 838 Meningococcal disease
- 847 Bird flu/Avian flu/Avian influenza
- 848 Infectious and parasitic diseases, not elsewhere classified
- 849 Infectious and parasitic diseases, unspecified

**Group P – Neoplasms (cancer)**

- 861 Malignant neoplasm of mesothelium (mesothelioma)
- 862 Malignant melanoma of skin
- 863 Other malignant neoplasm of skin
- 864 Malignant neoplasm of lymphatic and haematopoietic tissue
- 865 Carcinoma in situ of skin
- 866 Other malignant neoplasms and carcinomas
- 867 Benign neoplasm of skin
- 868 Other benign neoplasms
- 879 Neoplasm, not specified as benign or malignant

**Group Q – Other diseases**

- 941 Other diseases, not elsewhere classified
- 949 Unspecified diseases

**Group R – Other claims**

- 951 Exposure to substances without current injury or disease apparent
- 961 Damage to artificial aid(s)
- 999 Not known

## Mapping of nature of injury/disease

TOOCS 3.1	TOOCS 1   TOOCS 2.1
Group A – Intracranial injuries	050: Intracranial injury, including concussion
Group B – Fractures	010: Fractures 020: Fracture of vertebral column with or without mention of spinal cord lesion
Group C – Wounds, lacerations, amputations and internal organ damage	060: Internal injury of chest, abdomen and pelvis 070: Traumatic amputation including enucleation of eye (loss of eyeball) 080: Open wound not involving traumatic amputation 090: Superficial injury 091: Needlestick puncture and medical sharps injury 100: Contusion with intact skin surface and crushing injury excluding those with fracture
Group D – Burn	120: Burns
Group E – Injury to nerves and spinal cord	130: Injuries to nerves and spinal cord without evidence of spinal bone injury
Group F – Traumatic joint/ligament and muscle/tendon injury	030: Dislocation 040: Sprains and strains of joints and adjacent muscles
Group G – Other injuries	110: Foreign body on external eye, in ear or nose or in respiratory, digestive or reproductive systems 140: Poisoning and toxic effects of substances 150: Effects of weather, exposure, air pressure and other external causes, not elsewhere classified 151: Electrocution or shock from electric currents 152: Traumatic deafness from air pressure or explosion 153: Effects of exposure to audio shock/audio shriek 160: Multiple injuries
Group H – Musculoskeletal and connective tissue diseases	310: Arthropathies and related disorders – disorders of the joints 320: Dorsopathies – disorders of the spinal vertebrae and intervertebral discs

TOOCS 3.1	TOOCS 1   TOOCS 2.1
	330: Disorders of muscle, tendons and other soft tissues 340: Osteopathies, chondropathies and acquired musculoskeletal deformities
Group I – Mental diseases	910: Mental disorders
Group J – Digestive system diseases	450: Hernia 460: Ulcers and gastritis 480: Other diseases of the digestive system including associated glands (liver, pancreas)
Group K – Skin and subcutaneous tissue diseases	410: Contact dermatitis 420: Other and unspecified dermatitis or eczema 440: Other diseases of skin and subcutaneous tissue
Group L – Nervous system and sense organ diseases	210: Diseases of the brain, spinal cord and peripheral nervous system 220: Disorders of nerve roots, plexuses and single nerves 230: Disorders of the conjunctiva and cornea 240: Other disorders of the eye 250: Deafness 260: Other diseases of the ear and mastoid process
Group M – Respiratory system diseases	610: Asthma 620: Legionnaires' disease 630: Asbestosis 640: Pneumoconiosis due to other silica or silicates 650: Pneumoconiosis excluding asbestosis and silicosis 660: Other respiratory conditions due to substances 670: Chronic bronchitis, emphysema and allied conditions 680: Other diseases of the respiratory system
Group N – Circulatory system diseases	710: Ischaemic heart disease 720: Other heart disease excluding ischaemic heart disease 730: Cerebrovascular disease



TOOCS 3.1	TOOCS 1   TOOCS 2.1
	740: Arterial disease 750: Hypertension (high blood pressure) 760: Varicose veins 780: Other diseases of the circulatory system
Group O – Infectious and parasitic diseases	510: Intestinal infectious diseases 521: Anthrax 522: Brucellosis 523: Q-fever 524: Leptospirosis 525: Other zoonoses 530: Protozoal diseases 540: Viral diseases excluding hepatitis, sexually transmitted diseases and AIDS 550: Viral hepatitis 560: Specified sexually transmitted diseases excluding AIDS 561: Human immunodeficiency virus (HIV) – AIDS 570: Mycoses 580: Other infectious and parasitic diseases 590: Meningococcal infection
Group P – Neoplasms (cancer)	810: Malignant neoplasm of pleura (mesothelioma) 820: Malignant melanoma of skin 830: Other malignant neoplasm of skin 840: Malignant neoplasm of lymphatic and haematopoietic tissue 850: Carcinoma in situ of skin 860: Other malignant neoplasms and carcinomas 870: Benign neoplasm of skin 880: Other benign neoplasms 890: Neoplasms of uncertain behaviour or unspecified nature
Group Q – Other diseases	930: Other diseases
Group R – Other claims	170: Damage to artificial aid(s) 190: Other and unspecified injuries

## Breakdown agency

### Group 1 – Machinery and (mainly) fixed plant

- 11 Cutting, slicing, sawing machinery
- 12 Crushing, pressing, rolling machinery
- 13 Heating, cooking, baking equipment
- 14 Cooling, refrigeration plant and equipment
- 15 Conveyors and lifting plant
- 16 Electrical installation
- 17 Radiation-based equipment
- 18 Filling and bottling/packaging plant
- 19 Other plant and machinery

### Group 2 – Mobile plant and transport

- 21 Self-propelled plant
- 22 Semi-portable plant
- 23 Other mobile plant
- 24 Road transport
- 25 Rail transport
- 26 Air transport
- 27 Water transport
- 29 Other transport

### Group 3 – Powered equipment, tools and appliances

- 31 Workshop and worksite tools and equipment
- 32 Kitchen and domestic equipment
- 33 Office and electronic equipment
- 34 Garden and outdoor powered equipment
- 35 Pressure-based equipment not covered elsewhere
- 39 Other powered equipment, tools and appliances

## **Group 4 – Non-powered hand tools, appliances and equipment**

- 41 Hand tools, non-powered, edged
- 42 Other hand tools
- 43 Fastening, packing and packaging equipment
- 44 Furniture and fittings
- 45 Other utensils
- 46 Ladders, mobile ramps and stairways, and scaffolding
- 49 Other non-powered equipment

## **Group 5 – Chemicals and chemical products**

- 51 Nominated chemicals
- 52 Other basic chemicals
- 53 Chemical products

## **Group 6 – Materials and substances**

- 61 Non-metallic minerals and substances
- 62 Other materials and objects
- 63 Other substances

## **Group 7 – Environmental agencies**

- 71 Outdoor environment
- 72 Indoor environment
- 73/74 Underground environment

## **Group 8 – Animal, human and biological agencies**

- 81 Live four-legged animals
- 82 Other live animals
- 83 Non-living animals
- 84 Human agencies
- 85 Biological agencies

## **Group 9 – Other and unspecified agencies**

- 91 Non-physical agencies
- 99 Other and unspecified agencies

## Industry – ANZSIC

### Division A – Agriculture, forestry and fishing

#### **01 Agriculture**

- 011 Nursery and floriculture production
- 012 Mushroom and vegetable growing
- 013 Fruit and tree nut growing
- 014 Sheep, beef cattle and grain farming
- 015 Other crop growing
- 016 Dairy cattle farming
- 017 Poultry farming
- 018 Deer farming
- 019 Other livestock farming

#### **02 Aquaculture**

- 020 Aquaculture

#### **03 Forestry and logging**

- 030 Forestry and logging

#### **04 Fishing, hunting and trapping**

- 041 Fishing
- 042 Hunting and trapping

#### **05 Agriculture, forestry and fishing support services**

- 051 Forestry support services
- 052 Agriculture and fishing support services

### Division B – Mining

#### **06 Coal mining**

- 060 Coal mining

#### **07 Oil and gas extraction**

- 070 Oil and gas extraction

#### **08 Metal ore mining**

- 080 Metal ore mining

#### **09 Non-metallic mineral mining and quarrying**

- 091 Construction material mining
- 099 Other non-metallic mineral mining and quarrying

**10 Exploration and other mining support services**

101 Exploration

109 Other mining support services

**Division C – Manufacturing**

**11 Food product manufacturing**

111 Meat and meat product manufacturing

112 Seafood processing

113 Dairy product manufacturing

114 Fruit and vegetable processing

115 Oil and fat manufacturing

116 Grain mill and cereal product manufacturing

117 Bakery product manufacturing

118 Sugar and confectionery manufacturing

119 Other food product manufacturing

**12 Beverage and tobacco product manufacturing**

121 Beverage manufacturing

122 Cigarette and tobacco product manufacturing

**13 Textile, leather, clothing and footwear manufacturing**

131 Textile manufacturing

132 Leather tanning, fur dressing and leather product manufacturing

133 Textile product manufacturing

134 Knitted product manufacturing

135 Clothing and footwear manufacturing

**14 Wood product manufacturing**

141 Log sawmilling and timber dressing

149 Other wood product manufacturing

**15 Pulp, paper and converted paper product manufacturing**

151 Pulp, paper and paperboard manufacturing

152 Converted paper product manufacturing

**16 Printing (including the reproduction of recorded media)**

161 Printing and printing support services

162 Reproduction of recorded media

**17 Petroleum and coal product manufacturing**

170 Petroleum and coal product manufacturing

<b>18</b>	<b>Basic chemical and chemical product manufacturing</b>
181	Basic chemical manufacturing
182	Basic polymer manufacturing
183	Fertiliser and pesticide manufacturing
184	Pharmaceutical and medicinal product manufacturing
185	Cleaning compound and toiletry preparation manufacturing
189	Other basic chemical product manufacturing
<b>19</b>	<b>Polymer product and rubber product manufacturing</b>
191	Polymer product manufacturing
192	Natural rubber product manufacturing
<b>20</b>	<b>Non-metallic mineral product manufacturing</b>
201	Glass and glass product manufacturing
202	Ceramic product manufacturing
203	Cement, lime, plaster and concrete product manufacturing
209	Other non-metallic mineral product manufacturing
<b>21</b>	<b>Primary metal and metal product manufacturing</b>
211	Basic ferrous metal manufacturing
212	Basic ferrous metal product manufacturing
213	Basic non-ferrous metal manufacturing
214	Basic non-ferrous metal product manufacturing
<b>22</b>	<b>Fabricated metal product manufacturing</b>
221	Iron and steel forging
222	Structural metal product manufacturing
223	Metal container manufacturing
224	Sheet metal product manufacturing (except metal structural)
229	Other fabricated metal product manufacturing
<b>23</b>	<b>Transport equipment manufacturing</b>
231	Motor vehicle and motor vehicle part manufacturing
239	Other transport equipment manufacturing
<b>24</b>	<b>Machinery and equipment manufacturing</b>
241	Professional and scientific equipment manufacturing
242	Computer and electronic equipment manufacturing
243	Electrical equipment manufacturing
244	Domestic appliance manufacturing
245	Pump, compressor, heating and ventilation equipment
246	Specialised machinery and equipment manufacturing

249 Other machinery and equipment manufacturing

**25 Furniture and other manufacturing**

251 Furniture manufacturing

259 Other manufacturing

**Division D – Electricity, gas, water and waste services**

**26 Electricity supply**

261 Electricity generation

262 Electricity transmission

263 Electricity distribution

264 On selling electricity and electricity market operation

**27 Gas supply**

270 Gas supply

**28 Water supply, sewerage and drainage services**

281 Water supply, sewerage and drainage services

**29 Waste collection, treatment and disposal services**

291 Waste collection services

292 Waste treatment, disposal and remediation services

**Division E – Construction**

**30 Building construction**

301 Residential building construction

302 Non-residential building construction

**31 Heavy and civil engineering construction**

310 Heavy and civil engineering construction

**32 Construction services**

321 Land development and site preparation services

322 Building structure services

323 Building installation services

324 Building completion services

329 Other construction services

**Division F – Wholesale trade**

**33 Basic material wholesaling**

331 Agricultural product wholesaling

332 Mineral, metal and chemical wholesaling

333 Timber and hardware goods wholesaling

## **34 Machinery and equipment wholesaling**

341 Specialised industrial machinery and equipment wholesaling

349 Other machinery and equipment wholesaling

## **35 Motor vehicle and motor vehicle parts wholesaling**

350 Motor vehicle and motor vehicle parts wholesaling

## **36 Grocery, liquor and tobacco product wholesaling**

360 Grocery, liquor and tobacco product wholesaling

## **37 Other goods wholesaling**

371 Textile, clothing and footwear wholesaling

372 Pharmaceutical and toiletry goods wholesaling

373 Furniture, floor covering and other goods wholesaling

## **38 Commission-based wholesaling**

380 Commission-based wholesaling

## **Division G – Retail trade**

## **39 Motor vehicle and motor vehicle parts retailing**

391 Motor vehicle retailing

392 Motor vehicle parts and tyre retailing

## **40 Fuel retailing**

400 Fuel retailing

## **41 Food retailing**

411 Supermarket and grocery stores

412 Specialised food retailing

## **42 Other store-based retailing**

421 Furniture, floor coverings, houseware and textile goods retailing

422 Electrical and electronic goods retailing

423 Hardware, building and garden supplies retailing

424 Recreational goods retailing

425 Clothing, footwear and personal accessory retailing

426 Department stores

427 Pharmaceutical and other store-based retailing

## **43 Non-store retailing and retail commission based buying**

431 Non-store retailing

432 Retail commission-based buying and/or selling



## Division H – Accommodation and food services

### **44 Accommodation**

440 Accommodation

### **45 Food and beverage services**

451 Cafes, restaurants and takeaway food services

452 Pubs, taverns and bars

453 Clubs (hospitality)

## Division I – Transport, postal and warehousing

### **46 Road transport**

461 Road freight transport

462 Road passenger transport

### **47 Rail transport**

471 Rail freight transport

472 Rail passenger transport

### **48 Water transport**

481 Water freight transport

482 Water passenger transport

### **49 Air and space transport**

490 Air and space transport

### **50 Other transport**

501 Scenic and sightseeing transport

502 Pipeline and other transport

### **51 Postal and courier pick-up and delivery services**

510 Postal and courier pick-up and delivery services

### **52 Transport support services**

521 Water transport support services

522 Airport operations and other air transport support services

529 Other transport support services

### **53 Warehousing and storage services**

530 Warehousing and storage services

## Division J – Information media and telecommunications

### **54 Publishing (except internet and music publishing)**

541 Newspaper, periodical, book and directory publishing

- 542 Software publishing
- 55 Motion picture and sound recording activities**
- 551 Motion picture and video activities
- 552 Sound recording and music publishing
- 56 Broadcasting (except internet)**
- 561 Radio broadcasting
- 562 Television broadcasting
- 57 Internet publishing and broadcasting**
- 570 Internet publishing and broadcasting
- 58 Telecommunications services**
- 580 Telecommunications services
- 59 Internet service providers, web search portals and data processing services**
- 591 Internet service providers and web search portals
- 592 Data processing, web hosting and electronic information storage services
- 60 Library and other information services**
- 601 Libraries and archives
- 602 Other information services

## **Division K – Financial and insurance services**

- 62 Finance**
- 621 Central banking
- 622 Depository financial intermediation
- 623 Non-depository financing
- 624 Financial asset investing
- 63 Insurance and superannuation funds**
- 631 Life insurance
- 632 Health and general insurance
- 633 Superannuation funds
- 64 Auxiliary finance and insurance services**
- 641 Auxiliary finance and investment services
- 642 Auxiliary insurance services

## **Division L – Rental, hiring and real estate services**

- 66 Rental and hiring services (except real estate)**
- 661 Motor vehicle and transport equipment rental and hiring

- 662 Farm animal and bloodstock leasing
- 663 Other goods and equipment rental and hiring
- 664 Non-financial intangible assets (except copyrights) leasing

## **67 Property operators and real estate services**

- 671 Property operators
- 672 Real estate services

## **Division M – Professional, scientific and technical services**

### **69 Professional, scientific and technical services (except computer system design and related services)**

- 691 Scientific research services
- 692 Architectural, engineering and technical services
- 693 Legal and accounting services
- 694 Advertising services
- 695 Market research and statistical services
- 696 Management and related consulting services
- 697 Veterinary services
- 699 Other professional, scientific and technical services

### **70 Computer system design and related services**

- 700 Computer system design and related services

## **Division N – Administrative and support services**

### **72 Administrative services**

- 721 Employment services
- 722 Travel agency and tour arrangement services
- 729 Other administrative services

### **73 Building cleaning, pest control and other support services**

- 731 Building cleaning, pest control and gardening services
- 732 Packaging services

## **Division O – Public administration and safety**

### **75 Public administration**

- 751 Central government administration
- 752 State government administration
- 753 Local government administration
- 754 Justice
- 755 Government representation

## **76 Defence**

760 Defence

## **77 Public order, safety and regulatory services**

771 Public order and safety services

772 Regulatory services

## **Division P – Education and training**

### **80 Preschool and school education**

801 Preschool education

802 School education

### **81 Tertiary education**

810 Tertiary education

### **82 Adult, community and other education**

821 Adult, community and other education

822 Educational support services

## **Division Q – Health care and social assistance**

### **84 Hospitals**

840 Hospitals

### **85 Medical and other health care services**

851 Medical services

852 Pathology and diagnostic imaging services

853 Allied health services

859 Other health care services

### **86 Residential care services**

860 Residential care services

### **87 Social assistance services**

871 Child care services

879 Other social assistance services

## **Division R – Arts and recreation services**

### **89 Heritage activities**

891 Museum operation

892 Parks and gardens operations

### **90 Creative and performing arts activities**

900 Creative and performing arts activities

**91 Sports and recreation activities**

911 Sports and physical recreation activities

912 Horse and dog racing activities

913 Amusement and other recreation activities

**92 Gambling activities**

920 Gambling activities

**Division S – Other services**

**94 Repair and maintenance**

941 Automotive repair and maintenance

942 Machinery and equipment repair and maintenance

949 Other repair and maintenance

**95 Personal and other services**

951 Personal care services

952 Funeral, crematorium and cemetery services

953 Other personal services

954 Religious services

955 Civic, professional and other interest group services

**96 Private households employing staff and undifferentiated goods and service-producing activities of households for own use**

960 Private households employing staff and undifferentiated goods and service-producing activities of households for own use

## Mapping of industry divisions

ANZSIC 2006	ANZSIC 1993
A Agriculture, forestry and fishing	A: Agriculture, forestry and fishing
B Mining	B: Mining
C Manufacturing	C: Manufacturing <ul style="list-style-type: none"> <li>Exceptions – C: Manufacturing: 2422 and 2423 map to J Information media and telecommunications</li> </ul>
D Electricity, gas, water and waste services	D: Electricity, gas and water supply Q Health care and social assistance: 9634
E Construction	E: Construction
F Wholesale trade	F: Wholesale trade
G Retail trade	G: Retail trade <ul style="list-style-type: none"> <li>Exceptions – G: Retail trade: 5125 maps to H Accommodation and food services; 5261, 5269, 5323 and 5329 map to S Other services</li> </ul>
H Accommodation and food services	H: Accommodation, cafes and restaurants G: Retail trade: 5125
I Transport, postal and warehousing	I: Transport and storage <ul style="list-style-type: none"> <li>Exceptions – I: Transport and storage: 6611 maps to S Other services; 6641 maps to N Administrative and support services</li> </ul> J: Communication services: 7111, 7112
J Information media and telecommunications	J: Communication services: 7120 <ul style="list-style-type: none"> <li>Exceptions – J: Communication services: 7111 and 7112 map to I Transport, postal and warehousing</li> </ul> C: Manufacturing: 2422, 2423 L: Property and business services: 7831, 7832 P: Cultural and recreational services: 9111, 9112, 9113, 9121, 9122, 9210 and 9251
K Financial and insurance services	K: Finance and insurance
L Rental, hiring and real estate services	L: Property and business services: 7711, 7712, 7720, 7730, 7741, 7742 and 7743 Exceptions – L: Property and business services: 7831 and 7832 map to J Information media and telecommunications; 7810, 7821, 7822, 7823, 7829, 7834, 7841, 7842, 7851, 7852, 7853, 7854 and 7855 map to M Professional, scientific and technical services; 7861, 7862, 7863, 7865, 7866, 7867 and 7869 map to N Administrative and support services; 7864 maps to O

ANZSIC 2006	ANZSIC 1993
	Public administration and safety; and 7833 maps to S Other services. Q: Personal and other services: 9511 and 9519
M Professional, scientific and technical services	L: Property and business services: 7810, 7821, 7822, 7823, 7829, 7834, 7841, 7842, 7851, 7852, 7853, 7854 and 7855 O: Health and community services: 8640 Q: Personal and other services: 9523
N Administrative and support services	I: Transport and storage: 6641 L: Property and business services: 7861, 7862, 7863, 7865, 7866, 7867 and 7869 Q: Personal and other services: 9525
O Public administration and safety	M: Government administration and defence: 8111, 8112, 8113, 8120, 8130 and 8200 L: Property and business services: 7864 Q: Personal and other services: 9631, 9632 and 9633
P Education and training	N: Education
Q Health care and social assistance	O: Health and community services <ul style="list-style-type: none"> <li>• Exceptions – O: Health and community services: 8640 maps to M Professional, scientific and technical services</li> </ul>
R Arts and recreation services	P: Cultural and recreational services <ul style="list-style-type: none"> <li>• Exceptions – P: Cultural and recreational services: 9111, 9112, 9113, 9121, 9122, 9210 and 9251 map to J Information media and telecommunications</li> </ul>
S Other services	Q: Personal and other services (9521, 9522, 9524, 9526, 9529, 9610, 9621, 9622, 9629, 9700) <ul style="list-style-type: none"> <li>• Exceptions – Q: Personal and other services: 9634 maps to D Electricity, gas, water and waste services; 9511 and 9519 map to L Rental, hiring and real estate services; 9523 maps to M Professional, scientific and technical services; 9525 maps to N Administrative and support services; and 9631, 9632 and 9633 map to O Public administration and safety</li> </ul> G: Retail trade: 5261, 5269, 5323 and 5329 I: Transport and storage: 6611 L: Property and business services: 7833

## Occupation – ANZSCO

### Major group 1 – Managers

#### **11 Chief executives, general managers and legislators**

111 Chief executives, general managers and legislators

#### **12 Farmers and farm managers**

121 Farmers and farm managers

#### **13 Specialist managers**

131 Advertising and sales managers

132 Business administration managers

133 Construction, distribution and production managers

134 Education, health and welfare services managers

135 ICT managers

139 Miscellaneous specialist managers

#### **14 Hospitality, retail and service managers**

141 Accommodation and hospitality managers

142 Retail managers

149 Miscellaneous hospitality, retail and service managers

### Major group 2 – Professionals

#### **21 Arts and media professionals**

211 Arts professionals

212 Media professionals

#### **22 Business, human resource and marketing professionals**

221 Accountants, auditors and company secretaries

222 Financial brokers and dealers, and investment advisers

223 Human resource and training professionals

224 Information and organisation professionals

225 Sales, marketing and public relations professionals

#### **23 Design, engineering, science and transport professionals**

231 Air and marine transport professionals

232 Architects, designers, planners and surveyors

233 Engineering professionals

234 Natural and physical science professionals

#### **24 Education professionals**

241 School teachers



- 242 Tertiary education teachers
- 249 Miscellaneous education professionals
- 25 Health professionals**
- 251 Health diagnostic and promotion professionals
- 252 Health therapy professionals
- 253 Medical practitioners
- 254 Midwifery and nursing professionals
- 26 ICT professionals**
- 261 Business and systems analysts, and programmers
- 262 Database and systems administrators, and ICT security specialists
- 263 ICT network and support professionals
- 27 Legal, social and welfare professionals**
- 271 Legal professionals
- 272 Social and welfare professionals

### Major group 3 – Technicians and trades workers

- 31 Engineering, ICT and science technicians**
- 311 Agricultural, medical and science technicians
- 312 Building and engineering technicians
- 313 ICT and telecommunications technicians
- 32 Automotive and engineering trades workers**
- 321 Automotive electricians and mechanics
- 322 Fabrication engineering trades workers
- 323 Mechanical engineering trades workers
- 324 Panelbeaters, and vehicle body builders, trimmers and painters
- 33 Construction trades workers**
- 331 Bricklayers, and carpenters and joiners
- 332 Floor finishers and painting trades workers
- 333 Glaziers, plasterers and tilers
- 334 Plumbers
- 34 Electrotechnology and telecommunications trades workers**
- 341 Electricians
- 342 Electronics and telecommunications trades workers
- 35 Food trades workers**
- 351 Food trades workers

## **36 Skilled animal and horticultural workers**

361 Animal attendants and trainers, and shearers

362 Horticultural trades workers

## **39 Other technicians and trades workers**

391 Hairdressers

392 Printing trades workers

393 Textile, clothing and footwear trades workers

394 Wood trades workers

399 Miscellaneous technicians and trades workers

## **Major group 4 – Community and personal service workers**

### **41 Health and welfare support workers**

411 Health and welfare support workers

42 Carers and aides

421 Child carers

422 Education aides

423 Personal carers and assistants

### **43 Hospitality workers**

431 Hospitality workers

### **44 Protective service workers**

441 Defence force members, fire fighters and police

442 Prison and security officers

### **45 Sports and personal service workers**

451 Personal service and travel workers

452 Sports and fitness workers

## **Major group 5 – Clerical and administrative workers**

### **51 Office managers and program administrators**

511 Contract, program and project administrators

512 Office and practice managers

### **52 Personal assistants and secretaries**

521 Personal assistants and secretaries

### **53 General clerical workers**

531 General clerks

532 Keyboard operators

**54 Inquiry clerks and receptionists**

541 Call or contact centre information clerks

542 Receptionists

**55 Numerical clerks**

551 Accounting clerks and bookkeepers

552 Financial and insurance clerks

**56 Clerical and office support workers**

561 Clerical and office support workers

**59 Other clerical and administrative workers**

591 Logistics clerks

599 Miscellaneous clerical and administrative workers

**Major group 6 – Sales workers**

**61 Sales representatives and agents**

611 Insurance agents and sales representatives

612 Real estate sales agents

**62 Sales assistants and salespersons**

621 Sales assistants and salespersons

**63 Sales support workers**

631 Checkout operators and office cashiers

639 Miscellaneous sales support workers

**Major group 7 – Machinery operators and drivers**

**71 Machine and stationary plant operators**

711 Machine operators

712 Stationary plant operators

**72 Mobile plant operators**

721 Mobile plant operators

**73 Road and rail drivers**

731 Automobile, bus and rail drivers

732 Delivery drivers

733 Truck drivers

**74 Storepersons**

741 Storepersons

## Major group 8 – Labourers

### **81 Cleaners and laundry workers**

811 Cleaners and laundry workers

### **82 Construction and mining labourers**

821 Construction and mining labourers

### **83 Factory process workers**

831 Food process workers

832 Packers and product assemblers

839 Miscellaneous factory process workers

### **84 Farm, forestry and garden workers**

841 Farm, forestry and garden workers

### **85 Food preparation assistants**

851 Food preparation assistants

### **89 Other labourers**

891 Freight handlers and shelf fillers

899 Miscellaneous labourers

# Appendix D: Summary of legislative changes

## Legislative changes influencing NSW workers compensation claims and cost statistics since 2006/07

The NSW workers compensation system is regulated by the following principal legislations:

- Workers Compensation Act 1987 (1987 Act)
- Workplace Injury Management and Workers Compensation Act 1998 (1998 Act)
- Workers Compensation Regulation 2016.

Other relevant laws include:

- Workers Compensation (Dust Diseases) Act 1942
- Workers Compensation (Bush Fire, Emergency and Rescue Services) Act 1987
- State Insurance and Care Governance Act 2015.

The following legislative changes may influence claims and costs reported in this edition of the Statistical Bulletin. Refer to past editions of the Statistical Bulletin for information on previous legislative changes. Additional details of legislation impacting on workers compensation benefits can be found in the Workers compensation benefits guide April 2018.

### 2006/07

#### Workers Compensation Amendment (Permanent Impairment Benefits) Act 2006 No 98

Assented to 27 November 2006. Commenced 1 January 2007.

For injuries occurring on or after 1 January 2006, amendments to Section 66 (2A) of the 1987 Act increased the amount of compensation payable for permanent impairment of the spine by an additional five per cent. The maximum amount payable under Section 66 of the 1987 Act was increased from \$200,000 to \$210,000.

For injuries incurred on or after 1 January 2007, the lump sum payable for permanent impairment (under Section 66 of the 1987 Act) was increased by 10 per cent, up to a maximum of \$231,000. The 10 per cent increase applies to all types of permanent impairment, including spinal impairments

#### Workers Compensation Amendment (Transitional) Regulation 2007

Commenced on 23 February 2007.

This Regulation allowed workers whose proceedings for common law damages had been discontinued or struck out because they were commenced within the six months immediately prior to the commencement of amendments to the workers compensation legislation in 2001 to claim lump sum compensation and, in certain cases, work injury damages as if the workers had been injured after the commencement of the 2001 amendments.

2008/09

### **Workers Compensation Legislation Amendment (Benefits) Act 2008**

Assented to on 10 December 2008 and commenced on assent.

This Act made various amendments to the 1987 Act and the *Workers Compensation (Bush Fire, Emergency and Rescue Services) Act 1987*.

It amended the former Act in relation to the death benefits payable under it, as well as making legislative provision for the introduction of the new retro-paid premium loss method of calculating the premiums payable by certain large employers.

It also amended the base index number provided for in that Act.

It amended the *Workers Compensation (Bush Fire, Emergency and Rescue Services) Act 1987* in relation to the appointment of compensation payable for an injury suffered by, or the death of, persons covered by the Act.

2010/11

### **Workers Compensation (Dust Diseases) Amendment Act 2010**

Assented to and commenced on 7 December 2010.

A number of amendments to the lump sum death benefit payable under the 1987 Act and *Workers Compensation (Dust Diseases) Act 1942*.

- Increased the lump sum death benefit payable to dependants of deceased workers from \$245,700 (current amount payable) to \$311,050. The increase was implemented in three annual increments:
  - the first increment of \$268,375 was payable on commencement of the *Workers' Compensation (Dust Diseases) Amendment Act 2010* (7 December 2010)
  - the second increment of \$291,040 was payable 12 months from the first increment
  - the final increment of \$311,050 was payable 24 months from the first increment.
- enable the Dust Diseases Board to take into account the age of the worker when determining the amount of lump sum compensation to be paid to a dependant of the deceased worker.

### **Workers Compensation Legislation Amendment Act 2010**

Assented to on 16 November 2010 and commenced on 1 February 2011.

The amendments included the following changes to benefits related provisions:

- clarification that the maximum statutory cap for weekly benefits (Section 40 of the 1987 Act) is applied to the compensation payment only. This means that the cap applies to the make-up pay component of a worker's weekly income, not the total amount received by the worker, including wages or salary. The amendment applies to periods of incapacity from 1 February 2011 regardless of the date of injury
- removal of restrictions on the maximum amount for which an employer is liable for workplace rehabilitation services provided to an injured worker (repeal of sections 63A(3) and (4) of the 1987 Act)
- commencement of indexation of the maximum amount for an interim payment direction for medical expenses (Section 297(2) of the 1998 Act) from 1 April 2011.

## 2011/12 and 2012/13

### **Workers Compensation Legislation Amendment Act 2012 (NSW)**

An extensive package of reforms was passed on the 22 June 2012 and assented on 27 June 2012.

The new laws changed the way workers compensation benefits claims are assessed and paid. The changes affect all new and existing workers compensation claims, except for claims from:

- police officers, paramedics and fire fighters
- workers injured while working in or around a coal mine
- bush fire fighter and emergency service volunteers (Rural Fire Service, Surf Life Savers, SES volunteers)
- people with a dust disease claim under the Workers Compensation (Dust Diseases) Act 1942.

Claims by these exempt workers will continue to be managed and administered as though the June 2012 changes never occurred.

### **Changes with effect on and after 19 June 2012**

- For permanent impairment lump sum compensation claims made on or after 19 June 2012:
  - payments for pain and suffering under Section 67 of the 1987 Act are no longer available
  - a threshold of more than 10 per cent permanent impairment for physical injury (including hearing loss) must be reached to access a permanent impairment lump sum. The threshold for a primary psychological injury lump sum payments remains at 15 per cent permanent impairment.
- Workers are no longer entitled to make multiple permanent impairment claims. Only one claim can be made for permanent impairment compensation in respect of an injury.
- Journey claims for an injury received on or after 19 June 2012 can only be made if there is a real and substantial connection between the employment and the incident out of which the injury arose.
- No compensation is payable for heart attack and stroke injuries received on and after 19 July 2012 unless the nature of the employment concerned gave rise to a significantly greater risk of the worker suffering the injury than had the worker not been employed in employment of that nature.
- Definition of 'injury' amended which refers to a 'disease injury' as a disease that is contracted in the course of employment only if the employment was the main contributing factor. 'Disease injury' also encompasses the aggravation, acceleration, exacerbation or deterioration in the course of employment of any disease provided the employment was the main contributing factor. This applies to all injuries received on and from 19 June 2012.
- The amendments prevent a claim for damages for nervous shock where the nervous shock is not a work injury and prevent a claim for damages by relatives of an injured or deceased worker because the relative's injuries are not work injuries. The amendments do not apply where court proceedings for nervous shock claims commenced before 19 June 2012.

## Seriously injured workers

The following reforms for seriously injured workers (injured workers with a permanent impairment of more than 30 per cent) came into effect on 17 September 2012.

- The minimum amount used to calculate the weekly payment was increased to \$736.72 gross.
- There is no time cap on weekly payments, except for the Commonwealth retirement age.
- There is no time limit on payments for reasonably necessary medical and related expenses.
- Will not have to undergo a work capacity assessment every two years – unless the worker requests one to explore return to work options.

## Weekly payments

The changes to weekly benefits came into effect on:

- 1 October 2012 for new claims.
- 1 January 2013 for existing claims.

The changes to weekly benefits included:

- a simplified method for calculating worker entitlements based on the worker's pre-injury average weekly earnings - incorporating overtime and shift allowance in the initial 52 weeks of weekly payments
- up to 95 per cent of pre-injury average weekly earnings for the first 13 weeks of a claim
  - for weeks 14 to 130, weekly payments will be 80 per cent of pre-injury average weekly earnings. If a worker returns to work for at least 15 hours per week, weekly payments will be made up to 95 per cent of pre-injury average weekly earnings.
- 130-week limit – for all workers except where workers meet specified requirements
  - workers who are fit to do some work and are not performing at least 15 hours of paid work per week by the 130th week of incapacity payment will not be entitled to payments after the 130th week
  - workers who do achieve an actual return to work of more than 15 hours, or have no capacity for work, or have an impairment of more than 30 per cent of the whole person are not subject to this time limit.
- five-year limit
  - workers with a whole person impairment of 20 per cent or less may only receive up to 260 weeks (five years) worth of weekly payments
  - workers with permanent impairment of more than 20 per cent are not subject to this time limit.
- weekly payments and retirement
  - if an injury occurs before retiring age, a worker may be entitled to weekly payments until reaching retiring age
  - if an injury occurs after reaching retiring age, a worker may be entitled to weekly payments in the period up to 12 months after the first date of incapacity.



## Work capacity assessments

- Work capacity assessments will be undertaken by the insurer. The assessment involves a review of the injured worker's medical, functional and vocational status, and helps to inform decisions about the injured worker's capacity to return to work in suitable employment and entitlement to weekly benefits.
- A work capacity assessment can occur at any point in the life of the claim. A decision must be made on the injured worker's work capacity by 130 weeks and then will be reviewed at least every two years thereafter.

## WorkCover Independent Review Office

The June 2012 reforms also enabled the establishment of the WorkCover Independent Review Office (WIRO) (from September 2015 known as the Workers Compensation Independent Review Office). From 1 October 2012, WIRO is responsible for:

- investigating complaints made by workers about insurers, and making recommendations for action to be taken by the insurer or the worker
- reviewing work capacity decisions by insurers
- encouraging high quality complaint resolution by insurers and employers
- reporting annually to the Minister and the Parliament on their responsibilities
- administering the Independent Legal Assistance and Review Service (ILARS). This service facilitates access to free independent legal advice to injured workers, in circumstances where there is a disagreement with insurers regarding entitlements.

## Medical and related expenses

- The changes to payments for medical and related treatment came into effect on:
  - 1 October 2012 for new claims
  - 1 January 2013 for existing claims.
- Under the changes, payments for medical and related treatment will end at whichever occurs last:
  - where no weekly payments for compensation are payable, 12 months after the claim for compensation is made, or
  - 12 months after the last payment of weekly benefits.

This restriction does not apply to workers with a permanent impairment of over 30 per cent. For these workers, entitlement to medical cover will continue for life.

## 2014/15

### **Workers Compensation Amendment (Existing Claims) Regulation 2014**

This Regulation was issued on 3 September 2014 and made changes to the application of certain amendments of the June 2012 reforms to claims made before 1 October 2012 (these changes do not apply to workers who made a claim after 1 October 2012).

The changes allow:

- workers to continue to receive certain medical and related expenses until retiring age
- workers with whole person impairment of 21 per cent to 30 per cent to have access to medical and related expenses up until retiring age

- for the insurer to meet the cost of any secondary surgery
- that workers may receive weekly payments while a work capacity decision is being reviewed
- entitlement to weekly payments for up to one year after retiring age.

### **Medical and related expenses**

As a result of the changes, a worker may have continued access to certain medical and related expenses until retiring age.

- Workers with a permanent impairment of between 21 per cent and 30 per cent will have continued access to ongoing reasonably necessary medical and related expenses until retiring age.
- For all other claims made before 1 October 2012, workers requiring the following types of medical and related treatment will have continued access until retiring age regardless of their degree of permanent impairment:
  - home and vehicle modifications
  - crutches
  - artificial members
  - eyes or teeth
  - spectacles or other artificial aids (including hearing aids and hearing aid batteries).

The insurer is still required to pre approve any such treatment or service.

If a worker disputes the insurer's decision, an unresolved matter may be referred to the Workers Compensation Commission. ILARS provides funding to pay for costs incurred by injured workers when disputing decisions made by the insurer.

### **Secondary surgery**

Workers who require secondary surgery are entitled to receive it, as long as the secondary surgery:

- is directly consequential to an earlier surgery
- affects a part of the body affected by the earlier surgery
- is approved by the insurer within two years of approval of the earlier surgery.

The insurer is still required to pre approve any such treatment or service.

If a worker disputes the insurer's decision, an unresolved matter may be referred to the Workers Compensation Commission. ILARS provides funding to pay for costs incurred by injured workers when disputing decisions made by the insurer.

### **Eligibility for weekly payments until a review of a work capacity decision has been completed**

In 2012, 'work capacity' was introduced into the NSW workers compensation system. At certain points during a worker's claim, the insurer makes a work capacity decision which can affect a worker's entitlement to weekly payments.

Work capacity decisions can be reviewed through a three-step review process:

3. After a worker receives a work capacity decision notice they may request an internal review by the insurer.
4. If a worker is not satisfied with the outcome of an insurer's internal review, or if the review is not completed within 30 days, the worker may lodge an application for the State Insurance Regulatory Authority (SIRA) to carry out a merit review of the insurer's internal review decision.
5. If a worker is not satisfied with the outcome of a SIRA merit review, the worker may lodge an application for procedural review by the Workers Compensation Independent Review Officer within 30 days of receiving the merit review decision.

If a worker requests a review of a work capacity decision within 30 days after the day of receiving notification of the decision (whether the decision is an initial work capacity decision, an internal review decision or a merit review decision), an insurer may be prevented from taking action (such as reducing or ceasing weekly payments) while the work capacity decision is being reviewed, or until the worker withdraws the application for review.

### **Weekly payments on retiring age**

Under the changes a worker is entitled to receive weekly payments for a maximum of 12 months after reaching retiring age.

## **2015/16**

### **Workers Compensation Amendment Act 2015**

This Act amends the 1987 Act to make further provisions for 'existing recipients' with respect to the reform of the NSW workers compensation system. This Act was assented to on 21 August 2015. Some provisions of the Act commenced on assent. The remaining provisions commenced over a period of time, starting from 16 October 2015.

The amendments do not apply:

- for the purposes of the Workers' Compensation (Dust Diseases) Act 1942 or the Workers Compensation (Bush Fire, Emergency and Rescue Services) Act 1987
- to coal miners (refer to Cl 15 of Part 19I of Schedule 6 to the 1987 Act)
- to police officers, paramedics and firefighters - except for the amendments to Sections 25 and 26 of the 1987 Act (refer to Cl 14 of Part 19I of Schedule 6 to the 1987 Act).

The 2015 benefit reforms that commenced on 16 October include changes to:

- weekly payments and retiring age
  - weekly payments for up to 12 months after reaching retiring age for all claims for weekly payments made on or after 1 October 2012.
- death benefits
  - dependants of a worker who dies in a workplace accident or because of a workplace injury on or after 5 August 2015 are entitled to an increased maximum lump sum death benefit of \$750,000
  - reasonable funeral expenses of up to \$15,000 are payable where a worker dies in a workplace accident or because of a workplace injury on or after 5 August 2015

- these benefits will also apply to police officers, fire fighters, and paramedics
- entitlement to the increased lump sum death benefit only also applies to volunteer bush fire, emergency and rescue services workers. (Refer to *Workers Compensation Amendment (Death Benefits) Regulation 2015*)
- entitlement to the increased lump sum death benefit and funeral expenses also applies to coal miners (Refer to *Workers Compensation Amendment (Death Benefits) Regulation 2016*)
- indexation of the new lump sum death benefit amount commenced on 1 April 2016.
- permanent impairment compensation
  - for injuries received on or after 5 August 2015:
    - the compensation payable for permanent impairment has increased to a maximum of \$577,050 for workers with a permanent impairment of 75 per cent or more
    - the compensation payable for each percentage of permanent impairment of more than 10 per cent has increased.
  - from 1 July 2016 permanent impairment payments are indexed annually.

The 2015 benefit reforms that commenced on 4 December 2015 include changes to:

- Medical, hospital and rehabilitation expenses

All workers are entitled to reasonably necessary medical expenses for up to two years from the date the claim was made or two years from when the worker's entitlement to weekly payments ceased.

However, for workers with a permanent impairment of 11 to 20 per cent the entitlement period for reasonably necessary medical expenses is extended to up to five years from the date the claim was made or five years from when the worker's entitlement to weekly payments ceased.

Workers with a permanent impairment of more than 20 per cent permanent impairment have an entitlement to reasonably necessary medical expenses for life.

All workers are able to make a claim for secondary surgery and make a claim for artificial aids and home and vehicle modifications for life.

- Weekly payments

Workers with high needs (more than 20 per cent permanent impairment) who have been assessed by an insurer as having current work capacity, will no longer be required to work at least 15 hours per week to receive weekly payments after the end of the second entitlement period (130 weeks or 2.5 years).

Workers with more than 30 per cent permanent impairment now have access to a minimum weekly amount of \$788.32 per week. If the worker's income (made up of weekly payments and any earnings) falls below \$788.32, the insurer will increase the weekly payments to this amount. The change applies to all weekly payments on or after 17 September 2012. This amount will be indexed in April and October each year. The first indexed adjustment review date is 1 April 2016.

Workers will now have the effect of a work capacity decision stayed by the insurer while it is under review (eg weekly payments cannot be reduced during this time providing the decision has not taken effect)

**Return to work assistance benefits:**

The return to work assistance benefits, introduced as part of the 2015 benefit reforms, commenced on 29 April 2016. These benefits provide:

- new employment assistance of up to \$1,000 for injured workers who accept work with new employers
- education or training assistance of up to \$8,000 for workers assessed with greater than 20 per cent permanent impairment, who have received weekly payments for more than 78 weeks.

The pre-conditions for accessing the return to work assistance benefits are prescribed in the *Workers Compensation Regulation 2016*.

# Appendix E: Tables

**Table 1.1 – Major employment injuries**  
Nature of occurrence: 2012/13 to 2015/16

Year	Occupational diseases	Workplace injuries	Other work related injuries	Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (C)			Gross incurred cost (GIC)		
							Total	Average	Median	Total \$'000	Average \$	Median \$
Male												
2012/13	4,283	17,964	212	22,459	13.3	7	206,179	10.3	3.7	553,540	24,647	9,632
2013/14	4,188	16,013	147	20,348	12	6.3	183,729	10.2	3.7	525,823	25,842	10,539
2014/15	4,711	15,797	98	20,606	12	6.3	202,797	11.2	3.7	532,441	25,839	11,748
2015/16	4,376	16,533	106	21,015	11.8	6.3	217,207	11.7	3.7	616,285	29,326	13,364
Female												
2012/13	2,344	8,624	152	11,120	7.2	5.1	113,546	10.5	3.6	214,237	19,266	8,460
2013/14	2,085	7,611	82	9,778	6.2	4.4	96,783	10.1	3.3	196,246	20,070	9,095
2014/15	2,089	7,600	96	9,785	6.2	4.3	99,572	10.4	2.9	201,256	20,568	9,493
2015/16	2,164	7,620	62	9,846	5.9	4.1	110,494	11.5	3.0	225,262	22,879	11,039
Persons												
2012/13	6,627	26,588	364	33,579	10.4	6.2	319,725	10.3	3.6	767,777	22,865	9,223
2013/14	6,273	23,624	229	30,126	9.2	5.5	280,512	10.2	3.6	722,070	23,968	10,024
2014/15	6,800	23,397	194	30,391	9.2	5.5	302,369	11.0	3.3	733,698	24,142	10,986
2015/16	6,540	24,153	168	30,861	9.0	5.4	327,701	11.6	3.4	841,547	27,269	12,553

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 1.2 – Major employment injuries**  
**Nature of occurrence by extent of severity: 2012/13 to 2015/16**  
**Workplace injuries**

Year	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Time lost (weeks) (b)			Gross incurred cost (GIC)		
			Six months and over	Less than six months			Total	Average	Median	Total \$'000	Average \$	Median \$
Male												
2012/13	56	599	1,876	15,433	17,964	10.7	168,134	9.7	3.3	428,964	23,879	8,621
2013/14	42	461	1,700	13,810	16,013	9.4	151,486	9.8	3.4	405,602	25,330	9,862
2014/15	44	451	1,783	13,519	15,797	9.2	166,341	10.9	3.6	391,842	24,805	11,016
2015/16	58	380	1,907	14,188	16,533	9.3	176,798	11.0	3.3	462,644	27,983	12,524
Female												
2012/13	2	91	852	7,679	8,624	5.6	76,786	9.0	2.9	140,783	16,325	7,016
2013/14	4	67	759	6,781	7,611	4.9	68,212	9.1	2.9	125,013	16,425	7,631
2014/15	4	63	723	6,810	7,600	4.8	69,283	9.2	2.6	126,827	16,688	8,121
2015/16	2	51	835	6,732	7,620	4.6	75,413	10.0	2.7	144,166	18,919	9,351
Persons												
2012/13	58	690	2,728	23,112	26,588	8.3	244,920	9.5	3.1	569,748	21,429	8,053
2013/14	46	528	2,459	20,591	23,624	7.2	219,698	9.5	3.3	530,615	22,461	9,075
2014/15	48	514	2,506	20,329	23,397	7.1	235,624	10.3	3.0	518,670	22,168	9,987
2015/16	60	431	2,742	20,920	24,153	7.0	252,211	10.7	3.0	606,810	25,124	11,430

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 1.2 – Major employment injuries**  
**Nature of occurrence by extent of severity: 2012/13 to 2015/16**  
**Other work-related injuries**

Year	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Time lost (weeks) (b)			Gross incurred cost (GIC)		
			Six months and over	Less than six months			Total	Average	Median	Total \$'000	Average \$	Median \$
Male												
2012/13	12	10	25	165	212	0.1	2,117	11.1	3.4	10,531	49,678	11,263
2013/14	4	3	18	122	147	0.1	1,587	11.3	4.3	5,032	34,235	15,565
2014/15	5	5	11	77	98	0.1	951	10.8	3.5	4,290	43,782	18,175
2015/16	6	6	11	83	106	0.1	1,062	11.3	2.9	8,271	78,036	20,713
Female												
2012/13	3	7	15	127	152	0.1	1,517	10.7	4.4	4,173	27,456	12,917
2013/14	0	2	9	71	82	0.1	671	8.4	2.9	7,417	90,460	8,371
2014/15	0	2	13	81	96	0.1	926	9.8	2.6	2,261	23,560	9,987
2015/16	0	1	6	55	62	0	614	10.1	3.9	1,740	28,080	13,935
Persons												
2012/13	15	17	40	292	364	0.1	3,634	10.9	4.2	14,704	40,398	12,085
2013/14	4	5	27	193	229	0.1	2,258	10.3	4.0	12,450	54,368	12,970
2014/15	5	7	24	158	194	0.1	1,876	10.3	3.1	6,552	33,775	13,394
2015/16	6	7	17	138	168	0.0	1,676	10.8	3.1	10,012	59,600	18,952

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Time lost is included only for temporary disability cases resulting in less than three years off work



**Table 1.2 – Major employment injuries**  
**Nature of occurrence by extent of severity: 2012/13 to 2015/16**  
**Occupational diseases**

Year	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Time lost (weeks) (b)			Gross incurred cost (GIC)		
			Six months and over	Less than six months			Total	Average	Median	Total \$'000	Average \$	Median \$
Male												
2012/13	28	1,654	434	2,167	4,283	2.5	35,928	13.8	6.1	114,044	26,627	13,777
2013/14	15	1,752	397	2,024	4,188	2.5	30,655	12.7	5.3	115,188	27,504	13,118
2014/15	22	2,033	448	2,208	4,711	2.7	35,505	13.4	5.0	136,308	28,934	14,641
2015/16	22	1,912	492	1,950	4,376	2.5	39,347	16.2	5.9	145,369	33,220	16,015
Female												
2012/13	2	140	466	1,736	2,344	1.5	35,243	16.1	7.6	69,280	29,556	15,607
2013/14	2	136	358	1,589	2,085	1.3	27,901	14.4	6.0	63,815	30,607	15,337
2014/15	3	152	370	1,564	2,089	1.3	29,363	15.2	5.1	72,167	34,546	15,781
2015/16	2	154	456	1,552	2,164	1.3	34,467	17.3	6.7	79,355	36,671	18,788
Persons												
2012/13	30	1,794	900	3,903	6,627	2.1	71,171	14.9	6.7	183,324	27,663	14,384
2013/14	17	1,888	755	3,613	6,273	1.9	58,556	13.5	5.7	179,003	28,536	13,856
2014/15	25	2,185	818	3,772	6,800	2.1	64,868	14.2	5.0	208,475	30,658	15,101
2015/16	24	2,066	948	3,502	6,540	1.9	73,814	16.7	6.1	224,724	34,361	16,890

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 1.2 – Major employment injuries**  
**Nature of occurrence by extent of severity: 2012/13 to 2015/16**

**Employment injuries**

Year	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Time lost (weeks) (b)			Gross incurred cost (GIC)		
			Six months and over	Less than six months			Total	Average	Median	Total \$'000	Average \$	Median \$
Male												
2012/13	96	2,263	2,335	17,765	22,459	13.3	206,179	10.3	3.7	553,540	24,647	9,632
2013/14	61	2,216	2,115	15,956	20,348	12.0	183,729	10.2	3.7	525,823	25,842	10,539
2014/15	71	2,489	2,242	15,804	20,606	12.0	202,797	11.2	3.7	532,441	25,839	11,748
2015/16	86	2,298	2,410	16,221	21,015	11.8	217,207	11.7	3.7	616,285	29,326	13,364
Female												
2012/13	7	238	1,333	9,542	11,120	7.2	113,546	10.5	3.6	214,237	19,266	8,460
2013/14	6	205	1,126	8,441	9,778	6.2	96,783	10.1	3.3	196,246	20,070	9,095
2014/15	7	217	1,106	8,455	9,785	6.2	99,572	10.4	2.9	201,256	20,568	9,493
2015/16	4	206	1,297	8,339	9,846	5.9	110,494	11.5	3.0	225,262	22,879	11,039
Persons												
2012/13	103	2,501	3,668	27,307	33,579	10.4	319,725	10.3	3.6	767,777	22,865	9,223
2013/14	67	2,421	3,241	24,397	30,126	9.2	280,512	10.2	3.6	722,070	23,968	10,024
2014/15	78	2,706	3,348	24,259	30,391	9.2	302,369	11.0	3.3	733,698	24,142	10,986
2015/16	90	2,504	3,707	24,560	30,861	9.0	327,701	11.6	3.4	841,547	27,269	12,553

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 1.3 – Major employment injuries**

**Age statistics: Number, incidence rate, frequency rate, time lost and cost: 2015/16**

Age	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
15 - 19	1	8	83	1,051	1,143	5.3	5.8	9,293	8.2	2.4	15,157	13,261	6,076
20 - 24	4	36	238	2,580	2,858	7.4	5.0	24,927	8.8	2.7	49,835	17,437	8,575
25 - 29	6	53	316	2,604	2,979	7.1	4.1	28,405	9.7	2.9	63,812	21,421	10,490
30 - 34	6	80	313	2,480	2,879	7.0	3.8	29,712	10.7	3.4	76,048	26,415	12,524
35 - 39	4	109	347	2,377	2,837	7.7	4.3	31,694	11.6	3.7	80,262	28,291	13,596
40 - 44	7	151	448	2,756	3,362	9.1	5.1	39,417	12.3	3.9	100,067	29,764	14,388
45 - 49	15	250	523	2,879	3,667	10.4	5.8	43,250	12.7	3.6	110,532	30,143	14,219
50 - 54	8	358	528	3,024	3,918	11.6	6.5	44,747	12.6	3.9	122,987	31,390	14,498
55 - 59	14	495	477	2,635	3,621	12.5	7.2	41,017	13.2	3.9	114,701	31,677	14,061
60 - 64	14	591	309	1,588	2,502	13.4	8.6	25,381	13.4	4.3	78,164	31,241	13,803
65 +	11	373	125	578	1,087	10.1	7.7	9,833	14.0	5.0	29,944	27,548	13,614
Not stated and other	0	0	0	8	8	n.a.	n.a.	23	2.9	1.0	32	4,108	1,834
Total	90	2,504	3,707	24,560	30,861	9.0	5.4	327,701	11.6	3.4	841,547	27,269	12,553

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a Not applicable

**Table 1.4 – Major employment injuries**  
**Time lost and cost for temporary disability cases only: 2015/16**

Time lost	Number of injuries		Time lost (weeks) (a)		Gross incurred cost (GIC)		
	Number of injuries	% of total	Total weeks	% of total	Total \$'000	% of total	Average \$
Up to 1 week	7,315	25.9	2,753	0.8	112,614	16.0	15,395
Over 1 week to 2 weeks	4,028	14.2	6,602	2.0	35,147	5.0	8,726
Over 2 weeks to 4 weeks	3,990	14.1	12,059	3.7	56,603	8.0	14,186
Over 4 weeks to 26 weeks	9,272	32.8	107,756	32.9	266,112	37.7	28,701
Over 26 weeks	3,662	13.0	198,530	60.6	235,556	33.4	64,324
<b>Total</b>	<b>28,267</b>	<b>100</b>	<b>327,701</b>	<b>100</b>	<b>706,034</b>	<b>100</b>	<b>24,977</b>

a. Time lost is included only for temporary disability cases resulting in less than three years off work

Table 1.5 – Major employment injuries

Industry statistics: Number, incidence rate, frequency rate, time lost and cost: 2015/16

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Agriculture, forestry and fishing	6	40	125	866	1,037	19.6	10	11,727	11.8	4.3	33,203	32,019	12,716
Agriculture	6	34	102	665	807	17.5	8.8	9,348	12.2	4.7	26,886	33,317	12,533
Aquaculture	0	0	0	4	4	6.5*	4.4*	29	7.2	2.1	108	27208	27914
Forestry and logging	0	1	4	31	36	73.6*	34.6*	431	12.3	4.1	939	26,110	11,061
Fishing, hunting and trapping	0	0	1	6	7	53.8*	12.9*	72	10.2	3.6	153	21899	19311
Agriculture, forestry and fishing support services	0	5	18	160	183	33.4*	20.6*	1,848	10.4	3.1	5,114	27,951	13,245
Mining	2	334	28	360	724	20.1	9.3	2,976	7.7	2.7	23,637	32,649	12,265
Coal mining	0	307	8	264	579	27.4	13.2	1,454	5.3	2.6	17,084	29,507	11,626
Oil and gas extraction	0	2	0	1	3	1.0*	0.4*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Metal ore mining	1	6	8	18	33	10.4*	4.5*	602	23.2	10.8	3,522	106,748	30,870
Non-metallic mineral mining and quarrying	0	13	9	67	89	67.0*	26.7*	687	9.0	2.3	1864	20,950	9,501
Exploration and other mining support services	1	6	3	10	20	2.7*	1.3*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Manufacturing	9	632	497	3,214	4,352	18.1	9.6	43,594	11.8	3.6	114,002	26,195	13,159
Food product manufacturing	4	84	116	707	911	14.1	8.1	9,675	11.8	3.3	20,812	22,846	10,888
Beverage and tobacco product manufacturing	0	7	4	70	81	11.4*	5.8*	563	7.6	2.9	1,259	15,543	12,436
Textile, leather, clothing and footwear manufacturing	0	16	3	39	58	7.6*	4.2*	420	10.0	3.6	1,474	25,420	11,018
Wood product manufacturing	1	36	40	344	421	32.8	15.8*	4,128	10.8	3.0	9,793	23,263	11,339
Pulp, paper and converted paper product manufacturing	0	7	11	51	69	16.6*	8.2*	783	12.6	4.7	1,818	26,350	19,569

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Printing (including the reproduction of recorded media)	0	24	16	78	118	8.4	4.7*	1,354	14.4	6.9	2785	23,604	15,478
Petroleum and coal product manufacturing	0	0	0	12	12	8.6*	7*	52	4.4	3.3	225	18,826	15,444
Basic chemical and chemical product manufacturing	0	19	27	137	183	11.7	6.2*	2,127	13.0	3.9	4,972	27,172	12,748
Polymer product and rubber product manufacturing	0	15	11	64	90	9.6	5.0*	1,005	13.4	3.0	2,497	27,745	19,847
Non-metallic mineral product manufacturing	1	62	39	250	352	41.9*	19.2*	3,632	12.6	5.8	10,835	30,783	17,228
Primary metal and metal product manufacturing	0	102	15	103	220	11.5	5.9	1,187	10.1	1.9	8,272	37,603	11,308
Fabricated metal product manufacturing	0	90	70	554	714	50.0	25.3*	6,604	10.6	3.7	17,624	24,684	13,028
Transport equipment manufacturing	1	50	26	182	259	20.5	10.8*	2,414	11.6	2.9	9,406	36,318	13,782
Machinery and equipment manufacturing	1	92	72	465	630	17.7	9.0	6,075	11.3	3.0	15,425	24,484	14,660
Furniture and other manufacturing	1	28	47	158	234	17.7	9*	3,576	17.4	5.1	6,800	29,061	15,490
<b>Electricity, gas, water and waste services</b>	<b>1</b>	<b>69</b>	<b>36</b>	<b>204</b>	<b>310</b>	<b>7.4</b>	<b>3.9</b>	<b>2,909</b>	<b>12.1</b>	<b>2.4</b>	<b>8,917</b>	<b>28,767</b>	<b>13,226</b>
Electricity supply	1	49	1	55	106	4.9	2.6	84	1.5	0.0	3,375	31,847	12,526
Gas supply	0	1	1	2	4	1.1*	0.5*	n.p.	n.p.	n.p.	210	52,711	15,766
Water supply, sewerage and drainage services	0	4	3	14	21	3.1*	1.8*	n.p.	n.p.	n.p.	736	35,082	12,652
Waste collection, treatment and disposal services	0	15	31	133	179	17.9	9.8*	2,527	15.4	4.1	4,594	25,667	13,491
<b>Construction</b>	<b>23</b>	<b>365</b>	<b>497</b>	<b>2,942</b>	<b>3,827</b>	<b>16.3</b>	<b>8.1</b>	<b>45,457</b>	<b>13.2</b>	<b>4.7</b>	<b>122,753</b>	<b>32,076</b>	<b>15,415</b>
Building construction	3	86	132	776	997	13.4	6.7	11,829	13	4.1	31,069	31,163	15,697

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Heavy and civil engineering construction	3	92	49	247	391	17.3	7.9	3,951	13.3	4.7	12,293	31,442	13,657
Construction services	17	187	316	1,919	2,439	17.8	8.8	29,677	13.3	4.9	79,390	32,550	15,898
<b>Wholesale trade</b>	<b>4</b>	<b>87</b>	<b>175</b>	<b>1,027</b>	<b>1,293</b>	<b>10.3</b>	<b>5.5</b>	<b>15,859</b>	<b>13.2</b>	<b>4.0</b>	<b>40,225</b>	<b>31,110</b>	<b>14,070</b>
Basic material wholesaling	2	32	28	203	265	8.3	4.5	2,553	11.1	3.4	7,762	29,293	14,078
Machinery and equipment wholesaling	1	22	45	248	316	9.4	4.6	3,909	13.3	3.6	9,359	29,620	14,869
Motor vehicle and motor vehicle parts wholesaling	0	11	12	87	110	22.8*	11.6*	1,176	11.9	2.1	2,690	24,455	11,110
Grocery, liquor and tobacco product wholesaling	1	11	43	263	318	12.6	6.9	4,006	13.1	5.6	12,391	38,967	13,323
Other goods wholesaling	0	10	47	219	276	10.0	5.6	4,173	15.7	5.3	7,766	28,140	13,975
Commission-based wholesaling	0	1	0	7	8	3.7*	1.7*	42	6.0	4.9	254	31,774	25,222
<b>Retail trade</b>	<b>2</b>	<b>76</b>	<b>284</b>	<b>2,063</b>	<b>2,425</b>	<b>6.2</b>	<b>4.4</b>	<b>24,538</b>	<b>10.5</b>	<b>2.9</b>	<b>54,791</b>	<b>22,594</b>	<b>12,132</b>
Motor vehicle and motor vehicle parts retailing	2	12	43	215	272	7.1	4.0	3,728	14.5	3.9	7,204	26,487	11,824
Fuel retailing	0	1	6	35	42	3.7	2.2*	508	12.4	5.0	1,106	26,337	10,726
Food retailing	0	17	96	811	924	7.9	6.1	8,674	9.6	3.1	16,989	18,386	11,575
Other store-based retailing	0	44	138	984	1166	5.3	3.8	11,467	10.2	2.7	26,990	23,148	12,671
Non-store retailing and retail commission-based buying and/or selling	0	2	1	18	21	5.0*	2.9*	160	8.4	2.7	2,501	119,104	17,273
<b>Accommodation and food services</b>	<b>1</b>	<b>51</b>	<b>151</b>	<b>1,808</b>	<b>2,011</b>	<b>7.4</b>	<b>5.9</b>	<b>15,851</b>	<b>8.1</b>	<b>2.3</b>	<b>47,081</b>	<b>23,412</b>	<b>8,075</b>
Accommodation	0	6	21	303	330	10.3	6.4	2,559	7.9	2.1	13,186	39,961	11,211
Food and beverage services	1	45	130	1,505	1,681	7.0	5.8	13,291	8.1	2.4	33,894	20,163	7,858
<b>Transport, postal and warehousing</b>	<b>20</b>	<b>206</b>	<b>290</b>	<b>1,854</b>	<b>2,370</b>	<b>15.0</b>	<b>8.1</b>	<b>26,134</b>	<b>12.2</b>	<b>3.7</b>	<b>76,294</b>	<b>32,192</b>	<b>14,972</b>
Road transport	16	63	139	814	1,032	15.8	8	12,733	13.4	5.0	42,095	40,790	18,239

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Rail transport	0	45	7	158	210	16.4	8.2*	982	5.9	1.4	5,460	26,002	13,132
Water transport	0	2	3	8	13	20.5*	8.7*	218	19.8	4.0	235	18,099	19,708
Air and space transport	0	43	15	189	247	17.6	10.9*	1,080	5.3	0.0	4,422	17,903	9,725
Other transport	0	7	20	58	85	76.2*	46.5*	1,691	21.7	7.9	2,136	25,133	14,684
Postal and courier pick-up and delivery services	2	6	32	159	199	7.7	4.6	2,977	15.6	6.7	6,472	32,526	14,262
Transport support services	1	36	56	370	463	25.5	13.3	5,057	11.9	3.3	11,465	24,764	13,445
Warehousing and storage services	1	4	18	98	121	6.0	3.6	1,397	12.0	3.5	4,006	33,113	14,861
<b>Information media and telecommunications</b>	<b>0</b>	<b>10</b>	<b>40</b>	<b>165</b>	<b>215</b>	<b>3.7</b>	<b>2.1</b>	<b>3,284</b>	<b>16.0</b>	<b>5.7</b>	<b>7,288</b>	<b>33,899</b>	<b>17,453</b>
Publishing (except internet and music publishing)	0	6	3	19	28	2.5	1.6*	256	11.6	3.9	788	28,157	12,970
Motion picture and sound recording activities	0	0	3	49	52	5.7	3.5*	518	10.0	4.0	1,079	20,760	14,323
Broadcasting (except internet)	0	1	10	19	30	2.8	1.5*	610	21.0	20.3	955	31,846	21,602
Telecommunications services	0	3	14	55	72	3.3	1.7	1,119	16.2	5.3	2,473	34,348	15,099
Internet service providers, web search portals and data processing services	0	0	5	11	16	5.1*	2.7*	332	20.8	5.1	1,065	66,612	35,183
Library and other information services	0	0	5	12	17	8.2*	7.2*	448	26.4	12.7	926	54,483	24,440
<b>Financial and insurance services</b>	<b>1</b>	<b>13</b>	<b>35</b>	<b>133</b>	<b>182</b>	<b>1.2</b>	<b>0.6</b>	<b>2,619</b>	<b>15.6</b>	<b>5.2</b>	<b>7,151</b>	<b>39,295</b>	<b>16,339</b>
Finance	0	5	13	61	79	1.0	0.5	939	12.7	4.0	4,061	51,414	18,235
Insurance and superannuation funds	0	3	12	33	48	1.6	0.9	886	19.7	7.7	1,661	34,616	14,859
Auxiliary finance and insurance services	1	5	10	39	55	1.3	0.7	795	16.2	5.7	1,428	25,970	13,915
<b>Rental, hiring and real estate services</b>	<b>4</b>	<b>16</b>	<b>44</b>	<b>248</b>	<b>312</b>	<b>4.7</b>	<b>2.5</b>	<b>3,909</b>	<b>13.4</b>	<b>4.7</b>	<b>9,716</b>	<b>31,144</b>	<b>13,481</b>



Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Rental and hiring services (except real estate)	3	14	28	164	209	25.2*	14.1*	2,658	13.9	5.7	6,416	30,701	13,328
Property operators and real estate services	1	2	16	84	103	1.8	0.9	1,251	12.5	3.7	3,300	32,041	13,763
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>75</b>	<b>76</b>	<b>465</b>	<b>616</b>	<b>1.9</b>	<b>1</b>	<b>6,487</b>	<b>12.0</b>	<b>3.1</b>	<b>19,557</b>	<b>31,749</b>	<b>14,028</b>
Professional, scientific and technical services (except computer system design and related services)	0	70	72	431	573	2.4	1.3	6,017	12.0	3.1	18,166	31,705	13,973
Computer system design and related services	0	5	4	34	43	0.5	0.3	470	12.4	3.9	1,390	32,336	19,105
<b>Administrative and support services</b>	<b>0</b>	<b>56</b>	<b>136</b>	<b>792</b>	<b>984</b>	<b>6.4</b>	<b>3.9</b>	<b>11,320</b>	<b>12.2</b>	<b>3.4</b>	<b>26,194</b>	<b>26,621</b>	<b>11,676</b>
Administrative services	0	29	89	345	463	4.3	2.5	6,852	15.8	4.9	11,690	25,249	12,947
Building cleaning, pest control and other support services	0	27	47	447	521	11.2	7.8	4,468	9.0	2.5	14,504	27,840	11,131
<b>Public administration and safety</b>	<b>7</b>	<b>218</b>	<b>252</b>	<b>1,970</b>	<b>2,447</b>	<b>14.6</b>	<b>8.7</b>	<b>22,184</b>	<b>10.0</b>	<b>2.6</b>	<b>74,806</b>	<b>30,571</b>	<b>14,235</b>
Public administration	4	139	61	866	1,070	9.3	5.7	5,482	5.9	1.3	23,164	21,649	10,355
Public order, safety and regulatory services and defence	3	79	191	1,104	1,377	26.2	14.9	16,702	13.0	5.3	51,642	37,503	18,262
<b>Education and training</b>	<b>1</b>	<b>46</b>	<b>268</b>	<b>1,351</b>	<b>1,666</b>	<b>5.4</b>	<b>3.5</b>	<b>23,288</b>	<b>14.4</b>	<b>4.1</b>	<b>51,829</b>	<b>31,110</b>	<b>13,989</b>
Preschool and school education	0	17	221	1,049	1,287	7.4	4.6	19,358	15.3	4.3	40,732	31,649	13,564
Tertiary education	1	26	26	219	272	3.4	2.2	2,509	10.2	3.7	8,176	30,060	14,717
Adult, community and other education	0	3	21	83	107	2.1	1.5	1,420	13.8	5.6	2,920	27,291	18,635
<b>Health care and social assistance</b>	<b>3</b>	<b>90</b>	<b>567</b>	<b>3,793</b>	<b>4,453</b>	<b>9.3</b>	<b>6.2</b>	<b>47,292</b>	<b>10.9</b>	<b>2.9</b>	<b>83,600</b>	<b>18,774</b>	<b>8,901</b>
Hospitals	2	40	167	1,442	1,651	13.4	8.6	13,913	8.7	2.0	30,942	18,742	8,558
Medical and other health care services	1	25	142	510	678	4.7	3.1	11,167	17.3	5.0	18,322	27,025	14,637

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Residential care services	0	22	223	1,431	1,676	21.9	15.5	18,109	11.0	2.9	26,530	15,830	7,563
Social assistance services	0	3	35	410	448	3.3	2.2	4,103	9.2	2.9	7,804	17,421	9,321
<b>Arts and recreation services</b>	<b>1</b>	<b>15</b>	<b>66</b>	<b>538</b>	<b>620</b>	<b>9.5</b>	<b>6.6</b>	<b>5,956</b>	<b>9.9</b>	<b>3.1</b>	<b>13,377</b>	<b>21,577</b>	<b>11,664</b>
Heritage activities	0	2	17	59	78	7.1	4.4*	1,199	16	13.1	1,490	19,110	13,265
Creative and performing arts activities	0	2	10	37	49	6.7*	4.0*	720	15.3	4.7	1465	29,917	14,992
Sports and recreation activities	1	11	39	425	476	11.9	9.2	4,020	8.7	3.0	10,013	21,037	11,548
Gambling activities	0	0	0	17	17	2.4*	1.4*	17	1.0	0.0	407	23,992	6,835
<b>Other services</b>	<b>3</b>	<b>97</b>	<b>140</b>	<b>767</b>	<b>1,007</b>	<b>8.7</b>	<b>4.9</b>	<b>12,319</b>	<b>13.6</b>	<b>4.4</b>	<b>27,024</b>	<b>26,837</b>	<b>13,728</b>
Repair and maintenance	0	66	60	363	489	8.4	4.2	5,498	13.0	3.9	12,738	26,051	13,222
Personal and other services	3	27	79	384	493	9.0	5.8	6,687	14.5	4.9	13,601	27,590	14,447
Private households employing staff and undifferentiated goods and service producing activities of households of own use	0	4	1	20	25	9.7*	9.5*	134	6.4	2.7	684	27,368	10,724
<b>Not stated and other</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>92</b>	<b>9,236</b>	<b>1,440</b>
<b>Total</b>	<b>90</b>	<b>2,504</b>	<b>3,707</b>	<b>24,560</b>	<b>30,861</b>	<b>9.0</b>	<b>5.4</b>	<b>327,701</b>	<b>11.6</b>	<b>3.4</b>	<b>841,547</b>	<b>27,269</b>	<b>12,553</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 1.6 – Major employment injuries**

Occupation statistics: Number, incidence rate, frequency rate, time lost and cost: 2015/16

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Managers	10	112	196	1,245	1,563	3.5	1.7	17,374	12.1	3.9	56,600	36,213	16,362
Chief executives, general managers and legislators	5	21	53	277	356	8.5	3.8	4,709	14.3	6.6	18,859	52,975	22,042
Farmers and farm managers	1	5	11	99	116	7.6	3.4	1,000	9.2	2.9	3,783	32,618	11,176
Specialist managers	4	80	90	507	681	3.0	1.4	7,919	13.3	4.0	23,889	35,080	16,061
Hospitality, retail and service managers	0	6	42	362	410	2.6	1.3	3,746	9.3	2.7	10,067	24,556	12,785
Professionals	7	153	525	2,732	3,417	4.0	2.3	43,419	13.3	3.1	97,258	28,463	12,544
Arts and media professionals	1	9	20	83	113	4.0	2.4	1,565	15.2	5.9	4,071	36,030	14,992
Business, human resource and marketing professionals	4	33	153	407	597	2.8	1.4	11,862	21.3	8.0	19,972	33,455	14,583
Design, engineering, science and transport professionals	0	77	60	428	565	5.4	2.8	4,753	9.7	1.3	12,915	22,859	11,989
Education professionals	0	18	163	789	970	5.2	3.3	14,327	15.1	4.3	33,201	34,228	14,389
Health professionals	2	9	86	833	930	5.2	3.3	7,455	8.1	2.0	19,627	21,105	9,090
ICT professionals	0	4	9	51	64	0.8	0.4	898	15.0	3.6	2,295	35,871	17,559

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Legal, social and welfare professionals	0	3	34	141	178	2.8	1.6	2,560	14.6	4.7	5,174	29,071	19,590
<b>Technicians and trades workers</b>	<b>10</b>	<b>526</b>	<b>535</b>	<b>4,386</b>	<b>5,457</b>	<b>13.6</b>	<b>7.0</b>	<b>51,513</b>	<b>10.5</b>	<b>3.1</b>	<b>138,427</b>	<b>25,367</b>	<b>12,777</b>
Engineering, ICT and science technicians	1	41	18	204	264	4.0	2.1	2,069	9.4	3.0	7,335	27,787	12,161
Automotive and engineering trades workers	2	216	126	929	1,273	15.3	7.4	11,559	11.0	3.6	33,583	26,382	13,484
Construction trades workers	3	98	149	1,114	1,364	17.8	8.7	14,496	11.5	4.0	37,280	27,332	14,540
Electrotechnology and telecommunications trades workers	1	80	43	424	548	9.1	4.4	4,348	9.3	2.7	13,575	24,773	13,010
Food trades workers	0	17	56	618	691	14.2	8.2	6,066	9.0	2.7	13,459	19,478	9,387
Skilled animal and horticultural workers	2	16	55	508	581	21.8	12.8	5,060	9.0	2.6	13,036	22,437	10,179
Other technicians and trades workers	1	58	88	589	736	19.2	11.2	7,915	11.7	3.1	20,155	27,385	14,108
<b>Community and personal service workers</b>	<b>2</b>	<b>140</b>	<b>648</b>	<b>4,292</b>	<b>5,082</b>	<b>13.4</b>	<b>10.2</b>	<b>56,209</b>	<b>11.4</b>	<b>3.0</b>	<b>113,957</b>	<b>22,424</b>	<b>10,130</b>
Health and welfare support workers	0	22	123	574	719	17.7	11.4	9,608	13.9	3.9	15,727	21,875	9,882
Carers and aides	1	15	259	1,745	2,020	13.7	10.2	22,005	11.0	2.9	32,957	16,316	8,270
Hospitality workers	0	13	43	623	679	6.8	6.2	4,863	7.3	2.0	10,488	15,447	7,607

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Protective service workers	1	80	178	1,070	1,329	35.6	20.7	15,650	12.6	4.9	47,717	35,905	17,991
Sports and personal service workers	0	10	45	280	335	6.3	5.2	4,083	12.6	4.3	7,065	21,092	11,266
<b>Clerical and administrative workers</b>	<b>2</b>	<b>57</b>	<b>177</b>	<b>1,029</b>	<b>1,265</b>	<b>2.5</b>	<b>1.6</b>	<b>14,265</b>	<b>11.8</b>	<b>3.9</b>	<b>38,317</b>	<b>30,290</b>	<b>15,311</b>
Office managers and program administrators	0	8	18	82	108	1.4	0.8	1,333	13.3	4.9	3,599	33,327	22,558
Personal assistants and secretaries	0	1	7	34	42	1.2	0.8	630	15.4	5.9	1,431	34,090	16,806
General clerical workers	0	1	11	63	75	0.8	0.6	842	11.4	4.0	2,098	27,986	19,035
Inquiry clerks and receptionists	0	3	23	110	136	1.5	1.0	1,845	13.9	4.0	3,130	23,021	15,041
Numerical clerks	0	4	10	84	98	0.9	0.6	887	9.4	2.5	4,958	50,599	20,331
Clerical and office support workers	1	6	33	160	200	7.3	4.8	2,593	13.4	4.4	5,415	27,079	13,704
Other clerical and administrative workers	1	34	75	496	606	8.2	4.8	6,134	10.7	3.4	17,681	29,178	14,055
<b>Sales workers</b>	<b>3</b>	<b>30</b>	<b>157</b>	<b>1,143</b>	<b>1,333</b>	<b>3.7</b>	<b>2.9</b>	<b>13,357</b>	<b>10.3</b>	<b>2.9</b>	<b>27,962</b>	<b>20,977</b>	<b>10,934</b>
Sales representatives and agents	1	4	27	140	172	2.7	1.4	2,284	13.7	3.9	5,955	34,623	17,846
Sales assistants and salespersons	2	22	100	840	964	4.0	3.4	8,917	9.5	2.4	18,681	19,379	9,974
Sales support workers	0	4	30	163	197	3.7	3.6	2,155	11.2	3.1	3,326	16,884	8,726

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Machinery operators and drivers</b>	<b>26</b>	<b>698</b>	<b>561</b>	<b>3,537</b>	<b>4,822</b>	<b>24.5</b>	<b>13</b>	<b>49,649</b>	<b>12.1</b>	<b>3.9</b>	<b>148,947</b>	<b>30,889</b>	<b>14,130</b>
Machine and stationary plant operators	5	326	88	684	1,103	29	14.5	8,464	11.0	2.9	32,647	29,599	13,891
Mobile plant operators	2	194	43	420	659	19.6	9.9	4,344	9.4	2.9	20,861	31,657	12,057
Road and rail drivers	19	142	313	1,711	2,185	25.4	13.4	26,931	13.3	4.7	76,505	35,014	15,983
Store persons	0	36	117	722	875	22.4	13.9	9,910	11.8	3.7	18,932	21,637	11,988
<b>Labourers</b>	<b>28</b>	<b>778</b>	<b>903</b>	<b>6,148</b>	<b>7,857</b>	<b>26.4</b>	<b>18.2</b>	<b>81,555</b>	<b>11.6</b>	<b>3.6</b>	<b>218,707</b>	<b>27,836</b>	<b>12,169</b>
Cleaners and laundry workers	0	48	91	692	831	12.2	10	7,830	10	2.9	22,684	27,298	10,444
Construction and mining labourers	5	122	113	639	879	21.6	10.8	10,411	13.8	4.1	32,580	37,065	16,354
Factory process workers	4	96	119	976	1,195	20.9	12.3	10,523	9.6	2.9	29,402	24,605	11,385
Farm, forestry and garden workers	3	20	68	558	649	22.3	12.6	7,009	11.2	3.9	18,018	27,763	12,983
Food preparation assistants	0	8	46	381	435	8.3	8.8	4,243	10	2.8	6,474	14,884	6,515
Other labourers	16	484	466	2,902	3,868	77	55	41,539	12.4	3.9	109,548	28,322	12,458
<b>Not stated</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>48</b>	<b>65</b>	<b>n.a.</b>	<b>n.a.</b>	<b>360</b>	<b>6.8</b>	<b>1.1</b>	<b>1,369</b>	<b>21,066</b>	<b>9,091</b>
<b>Total</b>	<b>90</b>	<b>2,504</b>	<b>3,707</b>	<b>24,560</b>	<b>30,861</b>	<b>9.0</b>	<b>5.4</b>	<b>327,701</b>	<b>11.6</b>	<b>3.4</b>	<b>841,547</b>	<b>27,269</b>	<b>12,553</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a Not applicable

**Table 3.1 – Major workplace injuries**  
**Industry statistics: Number, incidence, time lost and cost: 2015/16**

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Agriculture, forestry and fishing	6	13	115	791	925	17.5	8.9	10,588	11.7	4.1	30,806	33,304	12,552
Agriculture	6	10	94	607	717	15.5	7.8	8,457	12.1	4.4	24,944	34,790	12,519
Aquaculture	0	0	0	3	3	4.9*	3.3*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Forestry and logging	0	0	4	29	33	67.5*	31.7*	409	12.4	4.1	850	25,776	9,007
Fishing, hunting and trapping	0	0	1	6	7	53.8*	12.9*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Agriculture, forestry and fishing support services	0	3	16	146	165	30.1*	18.6*	1,621	10	2.9	4,801	29,100	12,760
Mining	2	136	22	312	472	13.1	6.1	2,404	7.2	2.4	18,063	38,270	13,829
Coal mining	0	134	6	226	366	17.3	8.4	1,215	5.2	2.4	12,972	35,443	13,902
Metal ore mining	1	0	6	16	23	7.3*	3.1*	434	19.7	6.9	3,070	133,516	39,020
Non-metallic mineral mining and quarrying	0	1	8	61	70	52.7*	21.0*	600	8.7	2	1,646	23,522	10,815
Exploration and other mining support services	1	1	2	9	13	1.8*	0.8*	155	14.1	4	374	28,780	13,171
Manufacturing	7	65	403	2,833	3,308	13.8	7.3	36,159	11.2	3.3	80,131	24,223	12,686
Food product manufacturing	3	14	102	605	724	11.2	6.5	8,437	11.9	3.3	15,666	21,639	10,509
Beverage and tobacco product manufacturing	0	1	4	60	65	9.1*	4.7*	460	7.2	2.2	901	13,872	7,791
Textile, leather, clothing and footwear manufacturing	0	0	2	37	39	5.1*	2.8*	355	9.1	3.6	732	18,794	9,001

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Wood product manufacturing	1	5	38	316	360	28.1	13.5*	3,741	10.6	2.9	8,597	23,881	10,667
Pulp, paper and converted paper product manufacturing	0	0	10	40	50	12.0*	6.0*	692	13.8	4.6	1,548	30,969	24,334
Printing (including the reproduction of recorded media)	0	3	8	67	78	5.6	3.1*	862	11.5	5.9	1851	23,742	14,143
Petroleum and coal product manufacturing	0	0	0	12	12	8.6*	7.0*	52	4.4	3.3	225	18,826	15,444
Basic chemical and chemical product manufacturing	0	5	23	117	145	9.3	4.9*	1,752	12.6	3.9	4,061	28,012	11,735
Polymer product and rubber product manufacturing	0	1	10	56	67	7.2	3.7*	874	13.2	3.2	1,784	26,627	19,446
Non-metallic mineral product manufacturing	1	8	31	229	269	32.0*	14.7*	2968	11.5	5.4	7,936	29,504	16,377
Primary metal and metal product manufacturing	0	8	13	85	106	5.5	2.8	1,042	10.6	1.8	3,420	32,267	15,757
Fabricated metal product manufacturing	0	7	59	507	573	40.1	20.3*	5,705	10.1	3.6	14,135	24,669	13,011
Transport equipment manufacturing	1	3	21	152	177	14	7.4*	1,921	11.1	2.9	3,818	21,571	11,841
Machinery and equipment manufacturing	0	8	54	403	465	13.1	6.6	4,805	10.5	2.9	10,825	23,281	13,216
Furniture and other manufacturing	1	2	28	147	178	13.5	6.8*	2,491	14.2	4.6	4,624	25,979	14,091
<b>Electricity, gas, water and waste services</b>	<b>0</b>	<b>6</b>	<b>27</b>	<b>181</b>	<b>214</b>	<b>5.1</b>	<b>2.7</b>	<b>2,351</b>	<b>11.3</b>	<b>2.1</b>	<b>5,186</b>	<b>24,235</b>	<b>13,226</b>
Electricity supply	0	3	1	47	51	2.4	1.2	81	1.7	0	1,025	20114	12146
Gas supply	0	0	1	2	3	0.8*	0.3*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.



Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Water supply, sewerage and drainage services	0	0	3	10	13	1.9*	1.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Waste collection, treatment and disposal services	0	3	22	122	147	14.7	8.0*	1,996	13.9	3.6	3,739	25,437	13,491
<b>Construction</b>	<b>10</b>	<b>43</b>	<b>432</b>	<b>2,711</b>	<b>3,196</b>	<b>13.6</b>	<b>6.7</b>	<b>40,094</b>	<b>12.8</b>	<b>4.4</b>	<b>99,878</b>	<b>31,251</b>	<b>15,287</b>
Building construction	1	11	112	714	838	11.2	5.7	10,369	12.6	4.0	25,053	29,897	15,151
Heavy and civil engineering construction	1	4	38	219	262	11.6	5.3	3,057	11.9	3.9	9,067	34,608	13,532
Construction services	8	28	282	1778	2,096	15.3	7.6	26,668	13	4.7	65,757	31,373	15,519
<b>Wholesale trade</b>	<b>3</b>	<b>11</b>	<b>134</b>	<b>896</b>	<b>1,044</b>	<b>8.3</b>	<b>4.4</b>	<b>12,516</b>	<b>12.2</b>	<b>3.7</b>	<b>31,225</b>	<b>29,910</b>	<b>12,874</b>
Basic material wholesaling	2	2	21	182	207	6.4	3.5	2,046	10.1	3.4	6,075	29,350	13,304
Machinery and equipment wholesaling	0	1	32	218	251	7.4	3.7	2,896	11.6	3.2	5,901	23,513	13,296
Motor vehicle and motor vehicle parts wholesaling	0	1	12	76	89	18.5*	9.4*	1,092	12.4	1.9	2,267	25,478	10,404
Grocery, liquor and tobacco product wholesaling	1	6	37	230	274	10.9	5.9	3,425	12.8	5.7	11,103	40,525	12,605
Other goods wholesaling	0	1	32	183	216	7.8	4.4	3,015	14	4.3	5,636	26,094	13,161
Commission-based wholesaling	0	0	0	7	7	3.2*	1.5*	42	6	4.9	241	34,450	28,413
<b>Retail trade</b>	<b>1</b>	<b>18</b>	<b>229</b>	<b>1,714</b>	<b>1,962</b>	<b>5</b>	<b>3.6</b>	<b>19,740</b>	<b>10.2</b>	<b>2.9</b>	<b>42,253</b>	<b>21,536</b>	<b>10,717</b>
Motor vehicle and motor vehicle parts retailing	1	4	39	189	233	6.1	3.4	3,341	14.7	3.6	5778	24,800	11,075
Fuel retailing	0	0	1	31	32	2.8	1.7*	242	7.6	2.9	746	23,316	10,257
Food retailing	0	3	74	653	730	6.2	4.8	6,558	9	2.9	12,859	17,615	9,791

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Other store-based retailing	0	10	114	827	951	4.4	3.1	9,470	10.1	2.6	20,472	21,527	11,267
Non-store retailing and retail commission-based buying and/or selling	0	1	1	14	16	3.8*	2.2*	130	8.6	2.7	2,396	149,794	16,183
<b>Accommodation and food services</b>	<b>1</b>	<b>9</b>	<b>122</b>	<b>1,652</b>	<b>1,784</b>	<b>6.6</b>	<b>5.2</b>	<b>13,457</b>	<b>7.6</b>	<b>2.1</b>	<b>40,037</b>	<b>22,442</b>	<b>7,414</b>
Accommodation	0	2	11	278	291	9.1	5.7	1,981	6.9	2	11,233	38,605	8,970
Food and beverage services	1	7	111	1,374	1,493	6.3	5.1	11,476	7.7	2.3	28,803	19,292	7,029
<b>Transport, postal and warehousing</b>	<b>14</b>	<b>18</b>	<b>241</b>	<b>1,549</b>	<b>1,822</b>	<b>11.5</b>	<b>6.2</b>	<b>21,984</b>	<b>12.3</b>	<b>3.7</b>	<b>59,866</b>	<b>32,858</b>	<b>15,137</b>
Road transport	12	9	118	694	833	12.7	6.5	10,921	13.4	5	35,118	42,159	18,144
Rail transport	0	1	3	97	101	7.9	3.9*	536	5.4	0.9	2341	23,186	12,575
Water transport	0	0	2	7	9	14.2*	6.0*	149	16.6	4	175	19,494	19,708
Air and space transport	0	1	13	166	180	12.8	7.9*	943	5.3	0	3,454	19,190	10,523
Other transport	0	1	19	54	74	66.4*	40.5*	1,565	21.4	7.7	1,952	26,384	14,707
Postal and courier pick-up and delivery services	1	3	28	138	170	6.6	3.9	2,630	15.8	7.7	4,733	27,844	13,672
Transport support services	0	3	47	311	361	19.9	10.4	4,287	12	3.7	9,218	25,536	13,503
Warehousing and storage services	1	0	11	82	94	4.7	2.8	952	10.2	3.6	2,872	30,556	14,835
<b>Information media and telecommunications</b>	<b>0</b>	<b>2</b>	<b>23</b>	<b>139</b>	<b>164</b>	<b>2.8</b>	<b>1.6</b>	<b>2,286</b>	<b>14.1</b>	<b>4.4</b>	<b>4,859</b>	<b>29,634</b>	<b>14,654</b>
Publishing (except internet and music publishing)	0	0	0	15	15	1.3	0.8*	101	6.8	2.9	249	16,606	4,326
Motion picture and sound recording activities	0	0	2	40	42	4.6	2.8*	397	9.5	4	917	21,848	13,191

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Broadcasting (except internet)	0	0	6	17	23	2.2	1.1*	418	18.2	12	626	27,251	19,534
Telecommunications services	0	2	9	49	60	2.8	1.4	853	14.7	4	1,850	30,839	12,270
Internet service providers, web search portals and data processing services	0	0	4	10	14	4.5*	2.3*	295	21.1	4.9	741	52,955	35,183
Library and other information services	0	0	2	8	10	4.8*	4.3*	222	22.2	11.5	474	47,479	16,135
<b>Financial and insurance services</b>	<b>1</b>	<b>1</b>	<b>18</b>	<b>78</b>	<b>98</b>	<b>0.6</b>	<b>0.3</b>	<b>1,330</b>	<b>13.8</b>	<b>4.7</b>	<b>2,626</b>	<b>26,797</b>	<b>13,969</b>
Finance	0	1	3	30	34	0.4	0.2	257	7.8	2	748	22,004	14,699
Insurance and superannuation funds	0	0	7	21	28	0.9	0.5	452	16.1	6.3	988	35,295	13,537
Auxiliary finance and insurance services	1	0	8	27	36	0.8	0.4	620	17.7	6	889	24,715	15,293
<b>Rental, hiring and real estate services</b>	<b>4</b>	<b>4</b>	<b>33</b>	<b>226</b>	<b>267</b>	<b>4</b>	<b>2.1</b>	<b>3,189</b>	<b>12.4</b>	<b>3.9</b>	<b>8,414</b>	<b>31,516</b>	<b>13,007</b>
Rental and hiring services (except real estate)	3	4	24	156	187	22.6*	12.6*	2,388	13.3	5.6	5,884	31,467	12,824
Property operators and real estate services	1	0	9	70	80	1.4	0.7	801	10.1	2.6	2,530	31,631	13,574
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>7</b>	<b>47</b>	<b>381</b>	<b>435</b>	<b>1.4</b>	<b>0.7</b>	<b>4,312</b>	<b>10.1</b>	<b>2.7</b>	<b>9,242</b>	<b>21,246</b>	<b>12,296</b>
Professional, scientific and technical services (except computer system design and related services)	0	7	45	353	405	1.7	0.9	3,979	10	2.7	8,197	20,241	12,449
Computer system design and related services	0	0	2	28	30	0.4	0.2	333	11.1	2.6	1,044	34,815	11,561
<b>Administrative and support services</b>	<b>0</b>	<b>9</b>	<b>106</b>	<b>699</b>	<b>814</b>	<b>5.3</b>	<b>3.2</b>	<b>9,273</b>	<b>11.5</b>	<b>3</b>	<b>21,412</b>	<b>26,305</b>	<b>10,947</b>
Administrative services	0	6	66	296	368	3.4	1.9	5,453	15.1	4.4	8,624	23,435	11,430

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Building cleaning, pest control and other support services	0	3	40	403	446	9.6	6.7	3,820	8.6	2.4	12,788	28,674	10,620
<b>Public administration and safety</b>	<b>5</b>	<b>32</b>	<b>123</b>	<b>1,507</b>	<b>1,667</b>	<b>9.9</b>	<b>5.9</b>	<b>12,210</b>	<b>7.5</b>	<b>2</b>	<b>39,574</b>	<b>23,740</b>	<b>10,658</b>
Public administration	2	14	32	691	739	6.4	3.9	3,439	4.8	1.1	13,154	17,800	8,482
Public order, safety and regulatory services and defence	3	18	91	816	928	17.6	10	8,771	9.7	3.3	26,420	28,470	12,432
<b>Education and training</b>	<b>1</b>	<b>9</b>	<b>116</b>	<b>958</b>	<b>1,084</b>	<b>3.5</b>	<b>2.3</b>	<b>11,369</b>	<b>10.6</b>	<b>3</b>	<b>24,479</b>	<b>22,583</b>	<b>11,076</b>
Preschool and school education	0	5	97	741	843	4.9	3	9,318	11.1	3	18,447	21,883	10,791
Tertiary education	1	3	10	149	163	2	1.3	1,228	7.7	2.6	4,293	26,343	12,133
Adult, community and other education	0	1	9	68	78	1.5	1.1	823	10.7	4.9	1738	22,286	13,805
<b>Health care and social assistance</b>	<b>1</b>	<b>21</b>	<b>386</b>	<b>3,133</b>	<b>3,541</b>	<b>7.4</b>	<b>4.9</b>	<b>33,899</b>	<b>9.6</b>	<b>2.4</b>	<b>56,464</b>	<b>15,946</b>	<b>7,722</b>
Hospitals	1	11	119	1,169	1,300	10.6	6.8	10,260	8	2	21,074	16,211	7,760
Medical and other health care services	0	5	78	387	470	3.2	2.2	6,694	14.6	3.9	10,175	21,649	11,425
Residential care services	0	5	162	1,220	1,387	18.1	12.8	13,596	9.8	2.4	19,148	13,806	6,445
Social assistance services	0	0	27	357	384	2.8	1.9	3,350	8.7	2.7	6,065	15,797	8,874
<b>Arts and recreation services</b>	<b>1</b>	<b>7</b>	<b>52</b>	<b>492</b>	<b>552</b>	<b>8.4</b>	<b>5.9</b>	<b>4,903</b>	<b>9</b>	<b>3</b>	<b>11,767</b>	<b>21,319</b>	<b>10,678</b>
Heritage activities	0	0	12	46	58	5.3	3.3*	905	15.6	13.2	1,146	19,774	9,544
Creative and performing arts activities	0	0	8	32	40	5.5*	3.2*	563	14.1	4.6	1161	29,033	13,866
Sports and recreation activities	1	7	32	398	438	11	8.4	3,418	7.9	2.7	9,074	20,718	10,803
Gambling activities	0	0	0	16	16	2.2*	1.3*	17	1	0	385	24,090	6,652

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Other services</b>	<b>2</b>	<b>12</b>	<b>113</b>	<b>668</b>	<b>795</b>	<b>6.9</b>	<b>3.9</b>	<b>10,148</b>	<b>13</b>	<b>4.1</b>	<b>20,429</b>	<b>25,698</b>	<b>13,616</b>
Repair and maintenance	0	8	50	330	388	6.7	3.4	4,643	12.2	3.9	10,754	27,717	13,877
Personal and other services	2	4	62	318	386	7	4.5	5,372	14.1	4.6	9,125	23,642	13,677
Private households employing staff and undifferentiated goods- and service-producing activities of households for own use	0	0	1	20	21	8.1*	8.0*	134	6.4	2.7	549	26,189	9,442
<b>Not stated</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>n.a</b>	<b>n.a</b>	<b>n.p</b>	<b>n.p</b>	<b>n.p</b>	<b>90</b>	<b>10,044</b>	<b>922</b>
<b>Total</b>	<b>60</b>	<b>431</b>	<b>2,742</b>	<b>20,920</b>	<b>24,153</b>	<b>7.0</b>	<b>4.2</b>	<b>252,211</b>	<b>10.7</b>	<b>3.0</b>	<b>606,810</b>	<b>25,124</b>	<b>11,430</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a Not applicable

n.p Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 3.2 – Major workplace injuries**  
**Occupation statistics: Number, incidence, time lost and cost: 2015/16**

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Managers	24	6	117	999	1,146	2.6	1.2	11,364	10.2	3.4	34,592	30,186	15,387
Chief executives, general managers and legislators	2	3	35	227	267	6.4	2.8	3,460	13.2	5.9	10,154	38,032	21,077
Farmers and farm managers	3	1	10	88	102	6.6	3	805	8.3	2.7	3,483	34,152	10,879
Specialist managers	19	2	42	392	455	2	0.9	4,384	10.1	3.3	13,663	30,031	14,494
Hospitality, retail and service managers	0	0	30	292	322	2	1	2,715	8.5	2.4	7,290	22,643	11,610
Professionals	22	3	297	2,101	2,423	2.8	1.6	26,040	10.9	2.7	54,100	22,328	10,495
Arts and media professionals	1	1	12	75	89	3.1	1.9	1,088	12.5	4.4	3,096	34,797	15,900
Business, human resource and marketing professionals	6	2	98	315	421	1.9	1	7,823	19	5.7	11,376	27,023	11,133
Design, engineering, science and transport professionals	4	0	49	366	419	4	2.1	3,891	9.4	1.3	8,656	20,659	11,989
Education professionals	5	0	64	544	613	3.3	2.1	6,303	10.4	2.8	14,249	23,245	10,628
Health professionals	3	0	60	674	737	4.1	2.7	5,496	7.5	2	13,371	18,143	8,517
ICT professionals	2	0	5	36	43	0.5	0.3	481	11.7	3.7	1439	33,485	17,201
Legal, social and welfare professionals	1	0	9	91	101	1.6	0.9	956	9.6	3.1	1,910	18,918	11,525
Technicians and trades workers	104	8	447	4,009	4,568	11.4	5.9	44,446	10	3	107,499	23,533	12,162

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Engineering, ICT and science technicians	12	1	10	173	196	2.9	1.5	1,396	7.7	2.7	5,068	25,857	12,076
Automotive and engineering trades workers	38	2	107	867	1,014	12.2	5.9	10,250	10.5	3.7	24,459	24,122	12,589
Construction trades workers	12	2	130	1034	1,178	15.4	7.5	12,894	11.1	3.9	30,118	25,567	13,928
Electrotechnology and telecommunications trades workers	18	1	38	392	449	7.4	3.6	3,974	9.2	2.7	10,804	24,063	12,970
Food trades workers	8	0	45	562	615	12.6	7.3	5,083	8.4	2.7	11,059	17,983	8,659
Skilled animal and horticultural workers	6	1	49	460	516	19.4	11.4	4,354	8.6	2.4	10,841	21,010	9,738
Other technicians and trades workers	10	1	68	521	600	15.6	9.1	6,493	11	3	15,148	25,248	13,876
<b>Community and personal service workers</b>	<b>32</b>	<b>2</b>	<b>419</b>	<b>3,549</b>	<b>4,002</b>	<b>10.6</b>	<b>8</b>	<b>39,098</b>	<b>9.9</b>	<b>2.6</b>	<b>72,712</b>	<b>18,169</b>	<b>8,604</b>
Health and welfare support workers	5	0	73	463	541	13.3	8.5	6,378	12	3	9,416	17,405	8,140
Carers and aides	6	1	196	1,490	1,693	11.5	8.6	17,147	10.2	2.6	24,985	14,758	7,641
Hospitality workers	2	0	36	550	588	5.9	5.4	4,138	7.1	1.9	8,804	14,973	6,749
Protective service workers	16	1	81	798	896	24	13.9	8,137	9.3	3	23,725	26,479	12,056
Sports and personal service workers	3	0	33	248	284	5.4	4.4	3,298	11.7	3.3	5,781	20,359	10,152
<b>Clerical and administrative workers</b>	<b>8</b>	<b>1</b>	<b>102</b>	<b>747</b>	<b>858</b>	<b>1.7</b>	<b>1.1</b>	<b>8,462</b>	<b>10</b>	<b>3</b>	<b>21,256</b>	<b>24,774</b>	<b>13,359</b>
Office managers and program administrators	0	0	9	60	69	0.9	0.5	691	10	3	1,664	24,119	20,782

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Personal assistants and secretaries	1	0	5	27	33	0.9	0.6	480	15	8.4	1,061	32,168	15,602
General clerical workers	0	0	7	42	49	0.5	0.4	501	10.2	3.4	1,414	28,859	15,611
Inquiry clerks and receptionists	0	0	14	82	96	1	0.7	1,203	12.5	2.9	1,845	19,225	12,582
Numerical clerks	0	0	4	46	50	0.5	0.3	340	6.8	1.9	1,426	28,525	16,422
Clerical and office support workers	1	0	24	131	156	5.7	3.7	1,898	12.2	3.7	3,535	22,666	10,527
Other clerical and administrative workers	6	1	39	359	405	5.5	3.2	3,348	8.4	2.6	10,308	25,454	12,039
<b>Sales workers</b>	<b>8</b>	<b>1</b>	<b>128</b>	<b>944</b>	<b>1,081</b>	<b>3</b>	<b>2.3</b>	<b>10,652</b>	<b>10</b>	<b>2.6</b>	<b>20,383</b>	<b>18,857</b>	<b>9,589</b>
Sales representatives and agents	2	0	19	108	129	2	1.1	1,546	12.2	3.4	3,370	26,131	15,895
Sales assistants and salespersons	5	1	84	710	800	3.3	2.8	7,385	9.3	2	14,345	17,931	9,035
Sales support workers	1	0	25	126	152	2.9	2.8	1,722	11.5	3.3	2,667	17,552	7,365
<b>Machinery operators and drivers</b>	<b>136</b>	<b>20</b>	<b>478</b>	<b>3,038</b>	<b>3,672</b>	<b>18.7</b>	<b>9.9</b>	<b>42,438</b>	<b>12.1</b>	<b>3.9</b>	<b>119,224</b>	<b>32,469</b>	<b>14,275</b>
Machine and stationary plant operators	50	4	74	590	718	18.9	9.4	7,039	10.6	2.7	23,783	33,124	14,539
Mobile plant operators	58	2	36	364	460	13.7	6.9	3,688	9.2	2.6	16,825	36,578	12,509
Road and rail drivers	21	14	276	1,483	1,794	20.9	11	23,762	13.5	4.7	63,888	35,612	15,834
Storepersons	7	0	92	601	700	17.9	11.1	7,949	11.5	3.6	14,727	21,039	11,057
<b>Labourers</b>	<b>89</b>	<b>18</b>	<b>751</b>	<b>5,495</b>	<b>6,353</b>	<b>21.4</b>	<b>14.7</b>	<b>69,542</b>	<b>11.1</b>	<b>3.3</b>	<b>176,046</b>	<b>27,711</b>	<b>11,384</b>
Cleaners and laundry workers	7	0	78	607	692	10.2	8.3	6,773	9.9	2.6	19,436	28,087	9,435



Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Construction and mining labourers	18	1	95	583	697	17.2	8.5	8,943	13.2	3.9	26,293	37,724	16,254
Factory process workers	19	3	88	855	965	16.9	10	8,271	8.8	2.7	24,236	25,115	10,369
Farm, forestry and garden workers	4	3	58	502	567	19.5	11	6,126	10.9	3.9	16,142	28,471	12,807
Food preparation assistants	0	0	34	356	390	7.5	7.9	3,550	9.1	2.4	5,328	13,663	5,411
Other labourers	41	11	398	2,592	3,042	60.6	43.2	35,880	12	3.7	84,608	27,814	11,827
<b>Not stated</b>	<b>8</b>	<b>1</b>	<b>3</b>	<b>38</b>	<b>50</b>	<b>n.a</b>	<b>n.a</b>	<b>169</b>	<b>4.1</b>	<b>0.9</b>	<b>993</b>	<b>19,875</b>	<b>7437</b>
<b>Total</b>	<b>431</b>	<b>60</b>	<b>2,742</b>	<b>20,920</b>	<b>24,153</b>	<b>7</b>	<b>4.2</b>	<b>252,211</b>	<b>10.7</b>	<b>3</b>	<b>606,810</b>	<b>25,124</b>	<b>11,430</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a Not applicable

**Table 3.3 – Major workplace injuries**  
**Age statistics: Number, incidence, time lost and cost: 2015/16**

Age	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. Rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
15 – 19	1	7	75	1,005	1,088	5.1	5.6	8,638	8	2.4	13,217	12,149	5,875
20 – 24	2	19	203	2,376	2,600	6.8	4.5	21,841	8.5	2.6	41,288	15,880	8,067
25 – 29	6	30	246	2,300	2,582	6.2	3.5	23,044	9.1	2.7	52,902	20,489	9,701
30 – 34	5	30	240	2,164	2,439	5.9	3.2	23,777	9.9	3.1	55,407	22,717	11,218
35 – 39	3	37	237	1,950	2,227	6.1	3.4	23,130	10.6	3	58,228	26,147	12,088
40 – 44	3	43	306	2,264	2,616	7.1	4	28,171	11	3.1	67,233	25,701	12,962
45 – 49	14	59	363	2,324	2,760	7.8	4.3	31,266	11.7	3	79,482	28,798	12,902
50 – 54	4	67	379	2,497	2,947	8.7	4.9	33,015	11.5	3.4	86,280	29,277	13,616
55 – 59	9	56	349	2,190	2,604	9	5.1	31,008	12.2	3.4	82,113	31,534	12,945
60 – 64	8	56	236	1,322	1,622	8.7	5.5	19,698	12.7	3.9	51,010	31,449	13,325
65 +	5	27	108	520	660	6.2	4.7	8,599	13.7	4.7	19,613	29,717	13,475
Not stated and other	0	0	0	8	8	n.a	n.a	23	2.9	1.0	32	4,108	1,834
Total	60	431	2,742	20,920	24,153	7	4.2	252,211	10.7	3	606,810	25,124	11,430

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees  
b. Frequency rate is the number of injuries per million hours worked  
c. Time lost is included only for temporary disability cases resulting in less than three years off work  
n.a. Not applicable

**Table 3.4 – Major workplace injuries**  
**Time lost and cost for temporary disability cases only: 2015/16**

Time lost	Number of injuries		Time lost (weeks) (a)		Gross incurred cost (GIC)		
	Number	% of total	Total	% of total	Total \$'000	% of total	Average \$
Persons							
Up to 1 week	6,332	26.8	2,491	1.0	87,792	16.3	13,865
Over 1 week to 2 weeks	3,579	15.1	5,854	2.3	30,167	5.6	8,429
Over 2 weeks to 4 weeks	3,441	14.5	10,377	4.1	47,252	8.7	13,732
Over 4 weeks to 26 weeks	7,588	32.1	87,507	34.7	208,758	38.7	27,512
Over 26 weeks	2,722	11.5	145,982	57.9	166,103	30.8	61,023
<b>Total</b>	<b>23,662</b>	<b>100</b>	<b>252,211</b>	<b>100</b>	<b>540,075</b>	<b>100</b>	<b>22,825</b>

a. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 3.5 – Major workplace injuries**  
**A: Agriculture, forestry and fishing: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being hit by an animal	Falls from a height	Being hit by moving objects	Hitting moving objects	Being hit by falling objects	Muscular stress with no objects being handled	Vehicle accident	Unspecified mechanisms of incident	Other	Total
Live four-legged animals	34	6	106	15	8	2	2	2	0	0	14	189
Outdoor environment	13	49	0	23	4	6	9	8	1	0	19	132
Road transport	4	7	1	17	5	0	4	3	30	1	8	80
Other and unspecified agencies	16	4	0	2	4	0	1	14	4	26	7	78
Other materials and objects	24	7	0	2	9	6	9	2	0	1	10	70
Fastening, packing and packaging equipment	27	2	0	1	5	0	5	0	0	0	9	49
Other mobile plant	7	3	0	8	3	0	0	3	0	0	6	30
Furniture and fittings	9	1	0	2	2	0	2	1	0	0	7	24
Hand tools, non-powered, edged	1	0	0	0	5	10	3	1	0	1	3	24
Other non-powered equipment	5	3	0	1	3	4	3	0	0	0	5	24
Other	35	36	1	15	19	33	14	8	5	1	58	225
<b>Total</b>	<b>175</b>	<b>118</b>	<b>108</b>	<b>86</b>	<b>67</b>	<b>61</b>	<b>52</b>	<b>42</b>	<b>40</b>	<b>30</b>	<b>146</b>	<b>925</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Laceration or open wound not involving traumatic amputation	Contusion, bruising and superficial crushing	Trauma to muscles	Trauma to joints and ligaments, unspecified	Unspecified injuries	Trauma to joints and ligaments, not elsewhere classified	Dislocation	Multiple injuries	Other	Total
Hand, fingers and thumb	20	22	73	25	1	2	2	0	1	1	17	164
Back	85	0	0	5	24	0	1	1	0	0	15	131
Knee	50	1	7	8	2	11	1	9	7	0	5	101
Shoulder	40	5	1	3	2	9	0	0	7	0	9	76
Ankle	24	14	1	2	3	8	0	6	0	0	2	60
Foot and toes	8	24	5	5	1	1	1	1	0	0	3	49
Lower leg	8	12	4	3	2	0	1	0	0	0	2	32
Chest (thorax)	6	14	1	4	2	0	0	0	0	0	4	31
Wrist	8	11	1	1	1	2	0	0	0	0	4	28
Forearm	3	6	9	2	0	0	0	0	0	0	4	24
Other	52	30	29	20	11	3	14	1	1	15	53	229
<b>Total</b>	<b>304</b>	<b>139</b>	<b>131</b>	<b>78</b>	<b>49</b>	<b>36</b>	<b>20</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>118</b>	<b>925</b>

**Table 3.5 – Major workplace injuries  
B: Mining 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Muscular stress with no objects being handled	Falls on the same level	Being hit by moving objects	Hitting stationary objects	Being hit by falling objects	Falls from a height	Being trapped between stationary and moving objects	Other and multiple mechanisms of incident	Stepping, kneeling or sitting on objects	Other	Total
Other materials and objects	14	0	3	13	9	9	1	7	1	2	7	66
Other and unspecified agencies	6	19	2	1	1	1	1	0	15	0	9	55
Outdoor environment	6	13	18	2	5	0	0	0	1	2	2	49
Conveyors and lifting plant	17	2	1	3	3	0	0	2	0	1	3	32
Non-metallic minerals and substances	2	6	8	2	0	3	2	0	0	3	2	28
Self-propelled plant	8	4	4	1	4	2	3	0	0	0	2	28
Other non-powered equipment	7	2	2	4	1	2	0	0	0	0	6	24
Road transport	3	4	3	0	0	1	5	3	0	1	4	24
Underground environment	2	6	7	0	0	2	2	1	0	3	0	23
Semi portable plant	7	1	1	0	1	4	1	2	0	0	3	20
Other	30	5	9	19	8	7	12	9	1	5	18	123
<b>Total</b>	<b>102</b>	<b>62</b>	<b>58</b>	<b>45</b>	<b>32</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>18</b>	<b>17</b>	<b>56</b>	<b>472</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Multiple injuries	Trauma to muscles and tendons, not elsewhere classified	Dislocation	Fractured skull and facial bones	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles	Other	Total
Hand, fingers and thumb	8	58	11	8	0	0	0	0	0	0	6	91
Back	63	0	0	1	7	2	0	0	0	2	0	75
Knee	35	2	1	5	0	0	4	0	2	1	1	51
Shoulder	34	0	1	0	0	5	4	0	1	0	2	47
Other specified multiple locations	20	0	1	0	3	0	0	0	0	0	0	24
Ankle	13	0	4	0	0	1	0	0	0	0	4	22
Forearm	3	12	1	0	0	0	0	0	0	0	0	16
Wrist	9	1	3	0	0	0	0	0	0	0	2	15
Neck	11	0	0	0	2	0	0	0	1	0	0	14
Lower leg	1	9	1	0	0	0	0	0	0	0	0	11
Other	37	27	9	5	6	2	0	5	1	2	12	106
<b>Total</b>	<b>234</b>	<b>109</b>	<b>32</b>	<b>19</b>	<b>18</b>	<b>10</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>27</b>	<b>472</b>

**Table 3.5 – Major workplace injuries**  
**C: Manufacturing: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Hitting moving objects	Being hit by moving objects	Being hit by falling objects	Falls from a height	Muscular stress with no objects being handled	Hitting stationary objects	Being trapped between stationary and moving objects	Unspecified mechanisms of incident	Other	Total
Other materials and objects	286	27	67	72	91	10	10	47	43	4	43	700
Other and unspecified agencies	53	24	2	12	4	6	63	5	2	96	52	319
Fastening, packing and packaging equipment	180	29	19	22	32	1	3	7	5	2	16	316
Outdoor environment	18	127	2	4	8	18	18	7	3	0	15	220
Furniture and fittings	93	11	7	12	15	8	5	13	13	0	10	187
Cutting, slicing, sawing machinery	13	3	67	27	11	0	0	14	5	3	9	152
Other non-powered equipment	53	8	11	14	9	1	1	9	17	2	27	152
Indoor environment	5	92	1	0	4	22	13	3	3	0	7	150
Road transport	27	14	3	10	2	18	8	4	4	0	47	137
Hand tools, non-powered, edged	8	1	57	28	4	0	0	8	0	1	6	113
Other	220	62	90	98	39	68	26	28	34	3	194	862
<b>Total</b>	<b>956</b>	<b>398</b>	<b>326</b>	<b>299</b>	<b>219</b>	<b>152</b>	<b>147</b>	<b>145</b>	<b>129</b>	<b>111</b>	<b>426</b>	<b>3,308</b>



Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to muscles and tendons, unspecified	Unspecified injuries	Hot burn	Trauma to muscles and tendons, not elsewhere classified	Other	Total
Hand, fingers and thumb	59	499	116	7	97	11	2	14	14	0	56	875
Back	379	1	0	139	9	2	33	9	0	7	17	596
Shoulder	141	1	3	16	3	36	11	5	1	24	44	285
Knee	134	9	14	5	12	27	10	10	1	3	28	253
Ankle	62	4	35	2	5	24	2	0	2	3	11	150
Foot and toes	26	4	57	2	24	4	1	5	6	0	6	135
Wrist	43	15	29	1	3	10	1	0	0	1	10	113
Lower leg	10	27	13	5	5	0	0	1	3	3	4	71
Forearm	13	25	11	4	4	0	0	1	3	0	4	65
Chest (thorax)	8	1	20	7	13	0	1	1	1	0	5	57
Other	225	88	54	45	47	12	18	33	23	6	157	708
<b>Total</b>	<b>1,100</b>	<b>674</b>	<b>352</b>	<b>233</b>	<b>222</b>	<b>126</b>	<b>79</b>	<b>79</b>	<b>54</b>	<b>47</b>	<b>342</b>	<b>3,308</b>

**Table 3.5 – Major workplace injuries**  
**D: Electricity, gas, water and waste services: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being hit by moving objects	Falls from a height	Hitting stationary objects	Being trapped between stationary and moving objects	Being trapped by moving machinery or equipment	Muscular stress with no objects being handled	Being hit by falling objects	Stepping, kneeling or sitting on objects	Other	Total
Road transport	8	4	2	3	3	1	2	4	2	2	9	40
Other materials and objects	9	3	5	1	5	2	1	0	2	1	1	30
Outdoor environment	3	13	0	8	1	0	0	1	0	3	0	29
Furniture and fittings	11	1	4	1	0	4	0	0	1	0	1	23
Other and unspecified agencies	2	1	0	0	1	0	0	3	0	0	6	13
Other non-powered equipment	6	1	0	0	0	1	2	0	0	0	0	10
Non-metallic minerals and substances	1	2	1	0	0	0	0	0	2	1	0	7
Electrical installation	4	0	0	0	1	0	0	0	0	0	1	6
Other hand tools	2	0	2	0	1	0	0	0	0	0	1	6
Self-propelled plant	2	0	0	1	1	0	1	0	0	0	1	6
Other	13	5	3	3	1	3	3	1	1	0	11	44
<b>Total</b>	<b>61</b>	<b>30</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>11</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>31</b>	<b>214</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Laceration or open wound not involving traumatic amputation	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to tendon	Unspecified injuries	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, unspecified	Other	Total
Back	30	0	0	12	1	1	0	1	3	1	3	52
Hand, fingers and thumb	2	7	9	1	8	1	0	0	0	0	3	31
Knee	8	0	1	0	1	4	1	0	1	3	1	20
Shoulder	9	0	0	2	0	3	1	0	0	1	1	17
Ankle	3	2	1	0	0	2	2	1	0	0	0	11
Foot and toes	1	2	1	1	3	0	0	0	0	0	0	8
Other specified multiple locations	3	0	0	1	0	0	0	0	0	0	3	7
Elbow	2	1	1	0	1	0	0	0	1	0	0	6
Upper and lower limbs	1	0	0	0	0	0	0	2	0	0	3	6
Wrist	1	3	1	0	0	1	0	0	0	0	0	6
Other	12	10	6	3	2	0	3	2	0	0	12	50
<b>Total</b>	<b>72</b>	<b>25</b>	<b>20</b>	<b>20</b>	<b>16</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>26</b>	<b>214</b>

**Table 3.5 – Major workplace injuries**  
**E: Construction: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Hitting moving objects	Being hit by moving objects	Being hit by falling objects	Hitting stationary objects	Muscular stress with no objects being handled	Unspecified mechanisms of incident	Being trapped between stationary and moving objects	Other	Total
Other materials and objects	175	58	19	66	64	85	52	5	5	21	30	580
Outdoor environment	44	214	85	4	6	11	9	24	1	3	28	429
Ladders, mobile ramps and stairways, and scaffolding	36	48	190	2	2	9	13	12	3	5	9	329
Other and unspecified agencies	50	18	15	5	5	5	5	50	74	4	38	269
Non-metallic minerals and substances	57	19	3	7	16	30	4	3	0	5	14	158
Road transport	21	14	24	2	10	1	5	12	0	7	49	145
Fastening, packing and packaging equipment	47	14	3	10	20	3	14	2	0	3	10	126
Cutting, slicing, sawing machinery	3	1	0	68	32	4	7	1	2	0	6	124
Indoor environment	11	52	38	1	2	1	1	6	2	2	4	120
Workshop and worksite tools and equipment	19	1	1	28	44	2	6	0	1	1	10	113
Other	287	50	37	100	81	40	34	33	4	31	106	803
<b>Total</b>	<b>750</b>	<b>489</b>	<b>415</b>	<b>293</b>	<b>282</b>	<b>191</b>	<b>150</b>	<b>148</b>	<b>92</b>	<b>82</b>	<b>304</b>	<b>3,196</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to muscles	Trauma to joints and ligaments, unspecified	Unspecified injuries	Dislocation	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, unspecified	Other	Total
Hand, fingers and thumb	39	443	113	68	0	9	9	7	2	1	41	732
Back	342	2	0	10	103	2	6	0	5	21	25	516
Knee	158	29	9	17	4	40	10	19	16	5	16	323
Shoulder	97	1	6	11	8	30	4	30	7	11	31	236
Ankle	90	8	48	10	7	30	1	2	18	7	11	232
Foot and toes	28	26	65	16	4	0	2	0	0	0	9	150
Wrist	22	25	46	3	1	4	2	1	3	0	0	107
Lower leg	10	35	20	4	9	0	1	0	0	0	7	86
Chest (thorax)	12	2	39	8	0	0	1	0	0	0	5	67
Elbow	17	9	17	7	2	2	0	1	0	2	3	60
Other	174	128	73	34	42	10	44	2	8	12	160	687
<b>Total</b>	<b>989</b>	<b>708</b>	<b>436</b>	<b>188</b>	<b>180</b>	<b>127</b>	<b>80</b>	<b>62</b>	<b>59</b>	<b>59</b>	<b>308</b>	<b>3,196</b>

**Table 3.5 – Major workplace injuries**  
**F: Wholesale trade: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Being hit by moving objects	Hitting moving objects	Being hit by falling objects	Muscular stress with no objects being handled	Being trapped between stationary and moving objects	Hitting stationary objects	Vehicle accident	Other	Total
Other materials and objects	84	15	2	15	7	20	3	6	8	0	10	170
Fastening, packing and packaging equipment	119	10	2	9	3	12	1	2	3	0	6	167
Road transport	6	6	14	8	3	2	7	4	4	26	8	88
Outdoor environment	3	42	8	2	2	3	7	2	4	2	9	84
Other and unspecified agencies	14	8	5	2	0	2	16	1	2	0	31	81
Indoor environment	3	40	14	0	0	0	5	0	0	0	2	64
Other non-powered equipment	26	2	0	2	1	3	0	4	5	0	6	49
Conveyors and lifting plant	9	2	5	11	2	1	4	4	1	0	5	44
Furniture and fittings	18	5	3	2	1	6	1	0	5	0	2	43
Ladders, mobile ramps and stairways, and scaffolding	2	7	15	0	0	0	0	1	0	0	0	25
Other	61	13	6	22	44	7	5	14	6	2	49	229
<b>Total</b>	<b>345</b>	<b>150</b>	<b>74</b>	<b>73</b>	<b>63</b>	<b>56</b>	<b>49</b>	<b>38</b>	<b>38</b>	<b>30</b>	<b>128</b>	<b>1,044</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to muscles and tendons, unspecified	Unspecified injuries	Trauma to joints and ligaments, not elsewhere classified	Multiple injuries	Other	Total
Back	139	0	0	54	3	0	13	1	1	0	7	218
Hand, fingers and thumb	12	90	37	2	25	2	1	2	1	0	16	188
Shoulder	47	0	2	18	1	9	8	1	2	0	17	105
Knee	36	5	3	0	10	9	3	4	4	0	7	81
Ankle	26	2	16	2	3	10	1	0	2	0	1	63
Foot and toes	15	1	22	1	1	1	0	2	1	0	2	46
Wrist	9	5	12	0	0	2	1	0	1	0	3	33
Forearm	7	11	2	2	0	0	0	1	0	0	6	29
Abdomen and pelvic region	4	0	0	9	1	0	2	1	0	0	2	19
Chest (thorax)	4	1	10	0	3	0	0	0	0	0	1	19
Other	73	29	20	26	14	4	5	12	7	13	40	243
<b>Total</b>	<b>372</b>	<b>144</b>	<b>124</b>	<b>114</b>	<b>61</b>	<b>37</b>	<b>34</b>	<b>24</b>	<b>19</b>	<b>13</b>	<b>102</b>	<b>1,044</b>

**Table 3.5 – Major workplace injuries**  
**G: Retail trade: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being hit by moving objects	Falls from a height	Being hit by falling objects	Hitting moving objects	Hitting stationary objects	Repetitive movement, low muscle loading	Being trapped between stationary and moving objects	Muscular stress with no objects being handled	Other	Total
Fastening, packing and packaging equipment	339	31	13	2	25	3	6	20	13	4	4	460
Other materials and objects	103	12	13	2	21	8	17	17	6	1	10	210
Furniture and fittings	75	12	13	7	14	5	16	1	14	6	5	168
Other and unspecified agencies	38	17	1	1	2	0	3	14	1	30	46	153
Indoor environment	3	96	0	33	1	0	3	1	0	6	8	151
Outdoor environment	7	81	1	6	0	0	2	0	1	6	8	112
Other non-powered equipment	54	6	10	1	8	2	1	0	6	0	7	95
Road transport	15	7	8	11	1	3	2	2	6	4	28	87
Other mobile plant	36	5	12	1	1	3	6	2	6	1	1	74
Ladders, mobile ramps and stairways, and scaffolding	6	9	0	28	0	0	2	2	0	1	3	51
Other	109	28	47	2	18	63	23	13	17	6	75	401
<b>Total</b>	<b>785</b>	<b>304</b>	<b>118</b>	<b>94</b>	<b>91</b>	<b>87</b>	<b>81</b>	<b>72</b>	<b>70</b>	<b>65</b>	<b>195</b>	<b>1,962</b>



Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Trauma to muscles	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to muscles and tendons, unspecified	Trauma to tendon	Unspecified injuries	Other specified injuries, not elsewhere classified	Other	Total
Back	344	122	0	0	9	3	24	1	4	17	18	542
Hand, fingers and thumb	32	3	152	23	27	2	0	4	3	0	15	261
Shoulder	106	21	0	5	6	13	8	4	0	4	31	198
Knee	86	11	2	5	11	23	7	9	2	0	28	184
Foot and toes	19	4	13	43	29	0	0	1	1	1	5	116
Ankle	40	1	5	15	4	6	3	4	0	1	3	82
Wrist	25	12	5	25	3	4	2	2	1	0	2	81
Elbow	20	6	0	13	3	2	1	0	0	1	4	50
Neck	30	4	0	0	2	0	2	0	0	1	2	41
Lower leg	5	4	9	5	5	0	1	2	1	0	0	32
Other	113	41	28	41	45	7	11	4	19	5	61	375
<b>Total</b>	<b>820</b>	<b>229</b>	<b>214</b>	<b>175</b>	<b>144</b>	<b>60</b>	<b>59</b>	<b>31</b>	<b>31</b>	<b>30</b>	<b>169</b>	<b>1,962</b>

**Table 3.5 – Major workplace injuries**  
**H: Accommodation and food services: 2015/16**

Breakdown agency	Mechanism of incident											
	Falls on the same level	Manual handling	Hitting moving objects	Contact with hot objects	Being hit by moving objects	Hitting stationary objects	Falls from a height	Being hit by falling objects	Muscular stress with no objects being handled	Unspecified mechanisms of incident	Other	Total
Indoor environment	196	1	2	1	0	2	38	2	5	1	0	248
Other materials and objects	8	37	19	55	14	17	0	11	3	5	8	177
Furniture and fittings	23	69	6	1	7	23	8	13	6	0	11	167
Other and unspecified agencies	13	21	5	5	7	1	2	1	33	46	18	152
Fastening, packing and packaging equipment	12	89	8	2	2	7	3	10	1	0	5	139
Hand tools, non-powered, edged	1	3	99	0	20	4	0	5	0	0	2	134
Other substances	5	22	33	50	9	0	1	2	3	0	2	127
Other utensils	5	30	30	16	5	10	1	9	1	2	5	114
Outdoor environment	87	4	2	1	2	1	8	1	3	0	5	114
Kitchen and domestic equipment	4	16	14	18	3	5	0	5	2	1	8	76
Other	34	70	27	23	24	16	22	8	10	3	99	336
<b>Total</b>	<b>388</b>	<b>362</b>	<b>245</b>	<b>172</b>	<b>93</b>	<b>86</b>	<b>83</b>	<b>67</b>	<b>67</b>	<b>58</b>	<b>163</b>	<b>1,784</b>

Bodily location	Nature of injury											
	Laceration or open wound not involving traumatic amputation	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Hot burn	Other fractures, not elsewhere classified	Trauma to muscles	Trauma to joints and ligaments, unspecified	Contusion, bruising and superficial crushing	Trauma to muscles and tendons, unspecified	Unspecified injuries	Dislocation	Other	Total
Hand, fingers and thumb	367	14	72	33	6	4	17	1	3	3	11	531
Back	0	135	0	0	83	1	7	13	2	0	8	249
Knee	1	52	0	5	3	38	16	0	3	17	10	145
Ankle	4	29	4	18	1	37	3	3	1	0	10	110
Shoulder	0	30	0	5	2	25	2	8	0	9	18	99
Wrist	8	28	4	19	0	12	3	4	1	1	7	87
Foot and toes	10	5	9	21	4	1	10	0	1	0	2	63
Forearm	6	3	32	7	6	0	3	1	0	0	2	60
Upper limb - multiple locations	2	10	15	5	1	3	4	0	1	0	2	43
Trunk and limbs	1	14	3	1	9	0	4	1	0	1	2	36
Other	27	71	48	38	30	18	33	5	21	0	70	361
<b>Total</b>	<b>426</b>	<b>391</b>	<b>187</b>	<b>152</b>	<b>145</b>	<b>139</b>	<b>102</b>	<b>36</b>	<b>33</b>	<b>31</b>	<b>142</b>	<b>1,784</b>

**Table 3.5 – Major workplace injuries**  
**I: Transport, postal and warehousing: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Vehicle accident	Being hit by moving objects	Muscular stress with no objects being handled	Being hit by falling objects	Being trapped between stationary and moving objects	Hitting stationary objects	Hitting moving objects	Other	Total
Road transport	58	40	70	120	27	27	4	12	8	5	24	395
Fastening, packing and packaging equipment	197	18	5	0	11	2	22	7	5	3	10	280
Outdoor environment	22	101	17	6	4	11	5	3	3	1	14	187
Other and unspecified agencies	51	19	1	3	2	27	1	1	6	3	57	171
Other materials and objects	79	15	3	1	7	2	20	7	6	6	6	152
Furniture and fittings	57	5	7	0	9	3	8	11	1	1	6	108
Indoor environment	1	30	20	0	0	4	0	1	5	0	4	65
Other mobile plant	24	12	6	1	5	2	2	1	2	2	1	58
Conveyors and lifting plant	5	4	6	4	19	2	0	4	3	1	4	52
Other non-powered equipment	23	10	1	0	3	1	9	0	1	0	3	51
Other	82	38	27	6	18	12	7	7	11	23	72	303
<b>Total</b>	<b>599</b>	<b>292</b>	<b>163</b>	<b>141</b>	<b>105</b>	<b>93</b>	<b>78</b>	<b>54</b>	<b>51</b>	<b>45</b>	<b>201</b>	<b>1,822</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Trauma to muscles	Laceration or open wound not involving traumatic amputation	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, not elsewhere classified	Unspecified injuries	Trauma to tendon	Other	Total
Back	222	0	73	0	4	5	4	9	3	2	28	350
Shoulder	124	3	19	0	3	28	12	26	3	16	29	263
Knee	74	9	3	1	10	21	11	2	6	6	17	160
Hand, fingers and thumb	21	38	1	52	23	3	1	2	4	2	12	159
Ankle	44	33	2	1	3	22	7	2	0	4	4	122
Foot and toes	14	32	2	1	14	2	3	0	3	3	4	78
Wrist	26	21	1	2	1	2	4	2	0	1	0	60
Lower leg	7	9	5	10	5	0	0	2	1	4	4	47
Trunk and limbs	27	1	5	1	3	0	0	0	2	0	3	42
Elbow	20	8	0	2	1	3	2	0	0	1	4	41
Other	161	58	26	49	40	3	9	4	26	4	120	500
<b>Total</b>	<b>740</b>	<b>212</b>	<b>137</b>	<b>119</b>	<b>107</b>	<b>89</b>	<b>53</b>	<b>49</b>	<b>48</b>	<b>43</b>	<b>225</b>	<b>1,822</b>

**Table 3.5 – Major workplace injuries**  
**J: Information media and telecommunications: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Muscular stress with no objects being handled	Being hit by falling objects	Falls from a height	Hitting moving objects	Vehicle accident	Being hit by moving objects	Contact with hot objects	Hitting stationary objects	Other	Total
Outdoor environment	1	16	4	0	2	0	0	0	0	0	0	23
Other and unspecified agencies	2	4	8	0	0	0	0	0	0	0	6	20
Other materials and objects	8	0	0	5	0	1	1	3	0	0	1	19
Fastening, packing and packaging equipment	10	0	0	3	0	0	0	0	0	0	1	14
Furniture and fittings	5	0	2	1	1	0	0	0	0	3	0	12
Other non-powered equipment	7	0	0	2	0	0	0	1	0	0	1	11
Indoor environment	0	6	0	0	3	0	0	0	0	0	1	10
Ladders, mobile ramps and stairways, and scaffolding	3	1	0	0	5	0	0	0	0	0	0	9
Road transport	1	0	1	0	0	0	4	0	0	0	1	7
Other hand tools	1	0	0	0	0	2	0	1	0	0	0	4
Other	8	4	1	1	0	5	3	2	4	1	6	35
<b>Total</b>	<b>46</b>	<b>31</b>	<b>16</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>164</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Laceration or open wound not involving traumatic amputation	Trauma to muscles	Contusion, bruising and superficial crushing	Dislocation	Hot burn	Unspecified injuries	Other intracranial injury, not elsewhere classified	Superficial injury	Other	Total
Back	21	0	0	8	0	0	0	0	0	0	2	31
Shoulder	8	1	0	1	0	4	0	0	0	0	1	15
Hand, fingers and thumb	2	3	7	0	1	0	1	0	0	0	0	14
Knee	7	2	1	1	0	0	0	0	0	0	3	14
Ankle	7	2	0	0	1	0	1	0	0	0	2	13
Foot and toes	1	8	1	1	0	0	0	0	0	0	0	11
Lower leg	2	1	2	0	1	0	0	0	0	1	0	7
Wrist	1	4	1	0	1	0	0	0	0	0	0	7
Elbow	4	2	0	0	0	0	0	0	0	0	0	6
Other specified multiple locations	1	1	0	1	1	0	0	0	0	0	1	5
Other	17	8	1	1	1	0	1	3	2	1	6	41
<b>Total</b>	<b>71</b>	<b>32</b>	<b>13</b>	<b>13</b>	<b>6</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>15</b>	<b>164</b>

**Table 3.5 – Major workplace injuries**  
**K: Financial and insurance services: 2015/16**

Breakdown agency	Mechanism of incident											
	Falls on the same level	Manual handling	Muscular stress with no objects being handled	Falls from a height	Repetitive movement, low muscle loading	Unspecified mechanisms of incident	Being hit by moving objects	Vehicle accident	Hitting stationary objects	Stepping, kneeling or sitting on objects	Other	Total
Furniture and fittings	2	5	3	2	0	0	2	0	0	0	3	17
Other and unspecified agencies	0	1	4	0	3	7	0	0	0	0	1	16
Outdoor environment	9	0	2	2	0	0	0	0	0	2	0	15
Indoor environment	8	0	0	3	0	0	0	0	1	0	0	12
Fastening, packing and packaging equipment	2	6	0	0	0	0	0	0	0	0	0	8
Other non-powered equipment	1	1	1	2	0	0	1	0	0	0	0	6
Other materials and objects	0	2	0	0	1	0	0	0	1	0	1	5
Road transport	0	0	0	0	0	0	1	4	0	0	0	5
Human agencies	1	0	0	0	1	0	0	0	0	0	2	4
Office and electronic equipment	0	1	0	0	2	0	0	0	0	0	0	3
Other	2	1	0	0	1	0	0	0	0	0	3	7
<b>Total</b>	<b>25</b>	<b>17</b>	<b>10</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>98</b>



Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to muscles	Laceration or open wound not involving traumatic amputation	Unspecified injuries	Superficial injury	Dislocation	Trauma to joints and ligaments, unspecified	Trauma to tendon	Other	Total
Back	12	0	0	1	0	0	0	1	0	0	0	14
Knee	8	1	2	0	0	0	0	0	1	0	2	14
Upper and lower limbs	1	1	2	0	1	0	1	0	0	0	1	7
Hand, fingers and thumb	2	1	0	0	2	0	0	0	0	0	1	6
Shoulder	3	1	0	0	0	0	0	1	0	0	1	6
Upper limb – multiple locations	4	0	1	0	0	0	0	0	0	0	0	5
Wrist	1	2	0	0	0	1	0	0	0	1	0	5
Ankle	0	3	0	0	0	0	0	0	1	0	0	4
Foot and toes	1	2	1	0	0	0	0	0	0	0	0	4
Elbow	2	1	0	0	0	0	0	0	0	0	0	3
Other	10	1	6	4	1	3	2	0	0	1	2	30
<b>Total</b>	<b>44</b>	<b>13</b>	<b>12</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>7</b>	<b>98</b>

**Table 3.5 – Major workplace injuries**  
**L: Rental, hiring and real estate services: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Being hit by moving objects	Being hit by falling objects	Hitting stationary objects	Vehicle accident	Muscular stress with no objects being handled	Being trapped between stationary and moving objects	Hitting moving objects	Other	Total
Outdoor environment	6	15	4	1	1	1	0	4	0	0	4	36
Other materials and objects	10	4	1	1	4	5	0	0	3	4	3	35
Other and unspecified agencies	5	5	2	4	0	0	0	2	0	0	11	29
Road transport	5	3	3	1	0	1	12	2	0	0	1	28
Indoor environment	1	13	3	0	0	0	0	1	1	0	1	20
Ladders, mobile ramps and stairways, and scaffolding	5	3	6	0	0	0	0	0	4	0	0	18
Furniture and fittings	9	1	0	1	5	0	0	1	0	0	0	17
Other mobile plant	3	1	1	2	0	1	0	1	1	1	0	11
Fastening, packing and packaging equipment	6	0	0	2	0	1	0	0	0	0	2	11
Other non-powered equipment	5	0	0	1	1	0	0	0	0	1	2	10
Other	19	5	1	3	3	3	0	0	1	2	15	52
<b>Total</b>	<b>74</b>	<b>50</b>	<b>21</b>	<b>16</b>	<b>14</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>8</b>	<b>39</b>	<b>267</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to muscles	Trauma to joints and ligaments, unspecified	Trauma to muscles and tendons, unspecified	Unspecified injuries	Trauma to muscles and tendons, not elsewhere classified	Superficial injury	Other	Total
Back	37	0	0	0	9	1	4	0	0	1	0	52
Hand, fingers and thumb	7	17	9	5	0	1	0	0	2	2	4	47
Shoulder	9	0	1	2	1	3	1	0	1	0	6	24
Knee	11	4	2	2	1	1	1	0	0	0	1	23
Ankle	7	1	4	2	2	2	1	1	0	0	2	22
Neck	0	1	0	2	0	0	1	0	1	0	3	8
Foot and toes	1	2	3	1	0	0	0	0	0	0	0	7
Forearm	5	0	1	0	1	0	0	0	0	0	0	7
Wrist	2	1	3	0	0	0	1	0	0	0	0	7
Elbow	1	0	1	2	0	0	0	2	0	0	0	6
Other	19	7	9	3	3	1	0	5	2	1	14	64
<b>Total</b>	<b>99</b>	<b>33</b>	<b>33</b>	<b>19</b>	<b>17</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>30</b>	<b>267</b>

**Table 3.5 – Major workplace injuries**  
**M: Professional, scientific and technical services: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being bitten by an animal	Falls from a height	Being hit by moving objects	Muscular stress with no objects being handled	Vehicle accident	Hitting moving objects	Being hit by falling objects	Hitting stationary objects	Other	Total
Live four-legged animals	3	1	39	0	1	0	0	0	0	0	8	52
Outdoor environment	5	29	0	7	2	4	0	1	0	2	2	52
Indoor environment	1	27	0	13	0	0	0	0	0	0	2	43
Other and unspecified agencies	13	3	0	1	0	8	1	1	0	0	12	39
Road transport	3	1	0	3	4	2	16	0	0	1	1	31
Human agencies	10	0	0	0	1	1	0	0	0	0	15	27
Other materials and objects	11	1	0	1	3	0	0	3	3	1	4	27
Fastening, packing and packaging equipment	15	3	0	0	1	1	0	0	3	1	1	25
Furniture and fittings	5	2	0	1	2	1	0	0	3	2	6	22
Office and electronic equipment	8	0	0	0	0	2	0	0	0	0	8	18
Other	24	12	0	11	13	4	0	11	4	6	14	99
<b>Total</b>	<b>98</b>	<b>79</b>	<b>39</b>	<b>37</b>	<b>27</b>	<b>23</b>	<b>17</b>	<b>16</b>	<b>13</b>	<b>13</b>	<b>73</b>	<b>435</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to muscles and tendons, unspecified	Trauma to joints and ligaments, not elsewhere classified	Multiple injuries	Trauma to joints and ligaments, unspecified	Unspecified injuries	Other	Total
Hand, fingers and thumb	8	56	9	1	4	0	0	2	0	1	3	84
Back	43	0	0	8	3	13	0	0	0	0	1	68
Knee	19	1	4	2	2	2	5	0	3	1	4	43
Shoulder	13	0	2	2	0	2	3	0	4	1	7	34
Ankle	12	0	7	0	1	0	1	0	1	0	0	22
Foot and toes	5	2	10	0	1	0	0	1	0	0	1	20
Wrist	9	1	4	0	0	0	1	0	1	0	1	17
Other specified multiple locations	4	0	1	0	1	1	1	4	1	1	1	15
Neck	4	0	0	1	0	0	6	0	0	0	0	11
Chest (thorax)	2	0	4	0	3	0	0	0	0	0	1	10
Other	32	20	13	9	7	3	2	5	0	2	18	111
<b>Total</b>	<b>151</b>	<b>80</b>	<b>54</b>	<b>23</b>	<b>22</b>	<b>21</b>	<b>19</b>	<b>12</b>	<b>10</b>	<b>6</b>	<b>37</b>	<b>435</b>

**Table 3.5 – Major workplace injuries**  
**N: Administrative and support service: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Hitting moving objects	Being hit by moving objects	Hitting stationary objects	Muscular stress with no objects being handled	Being hit by falling objects	Unspecified mechanisms of incident	Stepping, kneeling or sitting on objects	Other	Total claims
Outdoor environment	9	51	21	5	1	2	5	1	0	7	6	108
Other materials and objects	34	10	4	5	4	7	1	13	0	1	5	84
Furniture and fittings	29	10	1	3	5	10	0	6	1	0	8	73
Fastening, packing and packaging equipment	43	5	2	4	2	4	4	1	0	3	2	70
Other and unspecified agencies	10	8	1	0	1	1	13	1	14	1	15	65
Indoor environment	2	39	15	0	0	1	2	0	0	3	0	62
Ladders, mobile ramps and stairways, and scaffolding	7	2	24	1	0	1	0	1	0	3	0	39
Kitchen and domestic equipment	18	3	1	2	0	2	2	1	0	1	8	38
Road transport	2	2	4	1	2	0	4	0	1	1	11	28
Human agencies	4	1	0	0	1	1	0	0	1	0	18	26
Other	68	27	3	26	25	12	8	14	4	0	34	221
<b>Total</b>	<b>226</b>	<b>158</b>	<b>76</b>	<b>47</b>	<b>41</b>	<b>41</b>	<b>39</b>	<b>38</b>	<b>21</b>	<b>20</b>	<b>107</b>	<b>814</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to muscles and tendons, unspecified	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, not elsewhere classified	Unspecified injuries	Other	Total claims
Back	89	0	0	46	4	1	12	2	2	2	3	161
Hand, fingers and thumb	13	80	15	0	18	1	0	1	3	2	9	142
Knee	31	3	4	5	8	10	1	6	3	2	6	79
Ankle	25	0	15	3	2	7	0	3	2	0	5	62
Shoulder	25	0	4	3	0	4	3	2	4	1	4	50
Wrist	13	3	12	0	2	5	1	0	0	1	1	38
Foot and toes	10	3	12	0	7	0	1	1	0	0	3	37
Elbow	4	1	6	1	4	0	1	1	1	0	2	21
Trunk and limbs	9	0	1	5	1	0	0	0	0	0	4	20
Lower leg	4	4	1	3	3	0	1	0	0	0	2	18
Other	57	24	14	12	19	2	6	2	1	6	43	186
<b>Total</b>	<b>280</b>	<b>118</b>	<b>84</b>	<b>78</b>	<b>68</b>	<b>30</b>	<b>26</b>	<b>18</b>	<b>16</b>	<b>14</b>	<b>82</b>	<b>814</b>

**Table 3.5 – Major workplace injuries**  
**O: Public administration and safety: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Muscular stress with no objects being handled	Falls from a height	Being assaulted by a person or persons	Being hit by moving objects	Vehicle accident	Hitting stationary objects	Being hit by falling objects	Repetitive movement, low muscle loading	Other	Total
Outdoor environment	18	172	42	34	0	3	1	11	9	5	26	321
Human agencies	147	13	12	0	87	1	0	2	3	1	34	300
Road transport	25	13	21	7	0	8	59	10	2	1	13	159
Other materials and objects	49	10	4	2	0	16	2	5	8	2	15	113
Indoor environment	1	57	13	24	0	1	0	2	1	1	3	103
Furniture and fittings	35	17	11	2	1	9	0	3	4	0	9	91
Other and unspecified agencies	3	3	47	0	1	0	0	0	1	7	27	89
Other non-powered equipment	30	5	15	2	0	3	1	1	4	3	5	69
Fastening, packing and packaging equipment	46	1	3	3	0	3	0	1	5	0	3	65
Non-metallic minerals and substances	11	15	3	2	0	5	0	0	1	3	5	45
Other	123	24	14	14	0	24	4	14	9	20	66	312
<b>Total</b>	<b>488</b>	<b>330</b>	<b>185</b>	<b>90</b>	<b>89</b>	<b>73</b>	<b>67</b>	<b>49</b>	<b>47</b>	<b>43</b>	<b>206</b>	<b>1,667</b>



Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Trauma to muscles	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Other fractures, not elsewhere classified	Laceration or open wound not involving traumatic amputation	Trauma to joints and ligaments, not elsewhere classified	Dislocation	Trauma to muscles and tendons, not elsewhere classified	Trauma to muscles and tendons, unspecified	Other	Total
Back	128	145	12	3	0	0	3	0	5	11	2	309
Knee	69	20	40	56	5	5	12	8	2	3	12	232
Hand, fingers and thumb	10	5	34	5	40	47	2	5	0	1	12	161
Shoulder	46	20	8	28	7	0	4	12	10	4	7	146
Ankle	37	5	11	21	11	0	6	2	3	0	11	107
Wrist	15	5	5	12	13	1	2	0	0	0	2	55
Lower leg	5	13	4	0	7	13	0	0	3	1	4	50
Other specified multiple locations	8	5	11	1	4	3	0	1	1	1	11	46
Foot and toes	7	4	6	1	19	2	0	1	0	0	5	45
Elbow	11	5	7	8	7	0	0	2	1	1	2	44
Other	65	127	60	23	29	35	9	3	8	9	104	472
<b>Total</b>	<b>401</b>	<b>354</b>	<b>198</b>	<b>158</b>	<b>142</b>	<b>106</b>	<b>38</b>	<b>34</b>	<b>33</b>	<b>31</b>	<b>172</b>	<b>1,667</b>

**Table 3.5 – Major workplace injuries**  
**P: Education and training: 2015/16**

Breakdown agency	Mechanism of incident											
	Falls on the same level	Manual handling	Being hit by a person accidentally	Falls from a height	Muscular stress with no objects being handled	Being hit by moving objects	Hitting stationary objects	Stepping, kneeling or sitting on objects	Hitting moving objects	Being hit by falling objects	Other	Total
Outdoor environment	173	10	1	20	19	3	3	13	3	1	6	252
Human agencies	11	31	100	0	12	7	1	1	1	0	15	179
Indoor environment	80	1	0	49	6	0	3	3	0	0	0	142
Furniture and fittings	22	30	0	10	5	7	3	4	1	5	7	94
Other non-powered equipment	14	32	1	1	7	18	4	0	3	1	4	85
Other materials and objects	5	23	0	1	1	2	6	3	5	4	7	57
Other and unspecified agencies	5	7	0	3	22	1	0	0	1	0	12	51
Fastening, packing and packaging equipment	9	21	0	0	0	0	3	0	0	2	2	37
Road transport	6	2	0	4	1	2	0	0	0	1	17	33
Non-physical agencies	5	4	0	0	5	0	0	1	0	0	2	17
Other	28	38	0	10	6	11	4	1	9	7	23	137
<b>Total</b>	<b>358</b>	<b>199</b>	<b>102</b>	<b>98</b>	<b>84</b>	<b>51</b>	<b>27</b>	<b>26</b>	<b>23</b>	<b>21</b>	<b>95</b>	<b>1,084</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Trauma to muscles	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, not elsewhere classified	Laceration or open wound not involving traumatic amputation	Trauma to joints and ligaments, unspecified	Superficial injury	Trauma to muscles and tendons, not elsewhere classified	Traumatic tearing away part of the muscle/ tendon structure, avulsion	Other	Total
Back	71	64	0	8	4	1	3	2	5	0	10	168
Knee	24	11	6	12	34	3	10	6	6	11	19	142
Ankle	26	8	28	11	28	0	15	4	1	3	7	131
Hand, fingers and thumb	6	4	21	9	3	30	2	1	1	1	9	87
Shoulder	15	15	4	2	5	0	5	0	2	8	8	64
Foot and toes	9	1	20	14	1	2	1	2	2	0	1	53
Lower leg	3	6	7	6	0	6	0	0	2	3	1	34
Wrist	1	2	18	3	2	0	1	1	1	1	4	34
Upper and lower limbs	4	2	2	6	4	2	4	5	1	0	0	30
Neck	5	7	0	6	3	1	0	2	1	0	2	27
Other	52	40	47	40	9	29	5	14	11	2	65	314
<b>Total</b>	<b>216</b>	<b>160</b>	<b>153</b>	<b>117</b>	<b>93</b>	<b>74</b>	<b>46</b>	<b>37</b>	<b>33</b>	<b>29</b>	<b>126</b>	<b>1,084</b>

**Table 3.5 – Major workplace injuries**  
**Q: Health care and social assistance: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being assaulted by a person or persons	Muscular stress with no objects being handled	Being hit by a person accidentally	Falls from a height	Hitting stationary objects	Unspecified mechanisms of incident	Being hit by moving objects	Hitting moving objects	Other	Total
Human agencies	746	39	254	35	101	1	5	6	6	2	37	1,232
Furniture and fittings	148	76	0	19	1	11	38	0	23	9	50	375
Indoor environment	3	264	0	18	0	46	7	0	1	0	11	350
Outdoor environment	7	235	0	20	0	15	6	3	1	0	20	307
Other and unspecified agencies	26	30	0	73	0	6	2	68	0	0	21	226
Other non-powered equipment	110	37	0	9	1	3	4	0	7	7	10	188
Other materials and objects	45	33	0	8	0	0	11	0	5	3	22	127
Road transport	12	14	0	15	0	4	7	0	9	4	62	127
Fastening, packing and packaging equipment	92	9	0	3	0	0	4	1	0	5	8	122
Other mobile plant	51	4	0	1	0	0	4	0	14	1	8	83
Other	146	60	1	24	1	12	10	5	15	37	93	404
<b>Total</b>	<b>1,386</b>	<b>801</b>	<b>255</b>	<b>225</b>	<b>104</b>	<b>98</b>	<b>98</b>	<b>83</b>	<b>81</b>	<b>68</b>	<b>342</b>	<b>3,541</b>

Bodily location	Nature of injury											
	Trauma to muscles	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Trauma to joints and ligaments, unspecified	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Laceration or open wound not involving traumatic amputation	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, unspecified	Unspecified injuries	Trauma to muscles and tendons, not elsewhere classified	Other	Total
Back	521	361	8	0	9	0	3	32	12	8	23	977
Shoulder	112	116	80	5	4	0	16	8	3	35	30	409
Knee	63	78	85	14	25	3	20	6	2	1	23	320
Hand, fingers and thumb	13	32	16	42	35	75	1	1	4	0	43	262
Ankle	33	39	69	37	7	1	15	3	1	1	3	209
Wrist	22	24	37	46	6	0	3	3	0	2	11	154
Trunk and Limbs	54	32	3	3	11	1	0	0	2	0	6	112
Foot and toes	11	14	7	33	17	0	1	0	4	0	6	93
Other specified multiple locations	14	18	0	5	12	1	4	1	4	1	16	76
Upper limb - multiple locations	21	25	10	2	5	2	2	0	0	0	2	69
Other	209	188	24	91	108	41	15	18	37	4	125	860
<b>Total</b>	<b>1,073</b>	<b>927</b>	<b>339</b>	<b>278</b>	<b>239</b>	<b>124</b>	<b>80</b>	<b>72</b>	<b>69</b>	<b>52</b>	<b>288</b>	<b>3,541</b>

**Table 3.5 – Major workplace injuries**  
**R: Arts and recreation service: 2015/16**

Breakdown agency	Mechanism of incident											
	Falls from a height	Manual handling	Being hit by an animal	Falls on the same level	Muscular stress with no objects being handled	Being hit by moving objects	Being trapped between stationary and moving objects	Hitting stationary objects	Being hit by falling objects	Being hit by a person accidentally	Other	Total
Live four legged animals	113	19	80	10	3	3	7	5	0	0	5	245
Outdoor environment	5	1	0	24	6	0	0	2	1	0	5	44
Other and unspecified agencies	0	6	0	3	9	0	0	0	1	0	10	29
Other materials and objects	1	13	0	1	0	2	2	3	4	0	1	27
Other non-powered equipment	2	11	0	5	2	1	1	1	1	0	3	27
Indoor environment	7	0	0	13	3	0	0	1	0	0	2	26
Fastening, packing and packaging equipment	2	16	0	2	0	2	0	0	1	0	2	25
Human agencies	0	5	0	0	2	0	0	0	0	10	2	19
Furniture and fittings	0	6	0	4	0	1	4	1	1	0	1	18
Road transport	1	2	0	1	0	2	0	1	1	0	6	14
Other	5	25	0	7	2	7	2	2	2	0	26	78
<b>Total</b>	<b>136</b>	<b>104</b>	<b>80</b>	<b>70</b>	<b>27</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>12</b>	<b>10</b>	<b>63</b>	<b>552</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Other fractures, not elsewhere classified	Trauma to muscles	Laceration or open wound not involving traumatic amputation	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, not elsewhere classified	Dislocation	Trauma to joints and ligaments, unspecified	Fractured skull and facial bones	Trauma to muscles and tendons, unspecified	Other	Total
Back	54	0	18	1	3	4	0	1	0	5	10	96
Shoulder	30	13	4	0	0	6	7	0	0	0	2	62
Knee	37	2	2	0	1	7	6	2	0	0	2	59
Hand, fingers and thumb	7	23	0	14	5	1	0	1	0	0	6	57
Ankle	20	9	4	0	0	4	0	5	0	1	2	45
Foot and toes	10	10	0	1	3	0	0	2	0	1	0	27
Wrist	5	12	2	1	0	1	0	1	0	1	0	23
Lower leg	2	13	0	4	1	0	0	0	0	1	1	22
Chest(thorax)	5	8	0	0	2	0	0	0	0	1	3	19
Cranium	0	0	0	1	0	0	0	0	1	0	15	17
Other	30	20	10	13	11	0	0	0	10	1	30	125
<b>Total</b>	<b>200</b>	<b>110</b>	<b>40</b>	<b>35</b>	<b>26</b>	<b>23</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>71</b>	<b>552</b>

**Table 3.5 – Major workplace injuries**  
**S: Other service: 2015/16**

Breakdown agency	Mechanism of incident											
	Manual handling	Falls on the same level	Being hit by moving objects	Hitting moving objects	Muscular stress with no objects being handled	Falls from a height	Being hit by falling objects	Hitting stationary objects	Being trapped between stationary and moving objects	Unspecified mechanisms of incident	Other	Total
Other materials and objects	53	7	12	10	2	0	13	4	6	0	5	112
Outdoor environment	3	61	0	0	5	10	0	0	1	0	4	84
Other and unspecified agencies	12	9	3	1	24	0	1	2	0	19	12	83
Road transport	16	10	11	3	3	6	4	4	5	0	21	83
Fastening, packing and packaging equipment	39	4	1	4	1	0	3	1	1	1	1	56
Other non-powered equipment	27	1	5	4	1	1	3	3	3	0	4	52
Furniture and fittings	21	3	2	1	1	3	5	8	2	0	0	46
Indoor environment	1	23	0	0	3	6	0	2	0	0	2	37
Kitchen and domestic equipment	13	0	2	0	0	0	1	2	0	0	4	22
Human agencies	7	3	0	0	0	0	0	0	0	0	11	21
Other	43	14	23	33	3	12	7	8	7	3	46	199
<b>Total</b>	<b>235</b>	<b>135</b>	<b>59</b>	<b>56</b>	<b>43</b>	<b>38</b>	<b>37</b>	<b>34</b>	<b>25</b>	<b>23</b>	<b>110</b>	<b>795</b>



Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to muscles	Trauma to joints and ligaments, unspecified	Unspecified injuries	Trauma to muscles and tendons, unspecified	Hot burn	Trauma to muscles and tendons, not elsewhere classified	Other	Total
Back	122	0	0	2	26	2	2	4	1	0	6	165
Hand, fingers and thumb	9	82	25	21	1	1	2	0	7	1	14	163
Shoulder	38	0	3	0	1	8	2	1	0	8	3	64
Knee	31	0	3	6	2	8	3	1	0	0	5	59
Wrist	15	5	13	3	1	1	0	0	0	0	0	38
Ankle	17	0	12	2	0	3	0	0	0	0	1	35
Foot and toes	3	7	13	4	2	0	1	0	0	1	2	33
Lower leg	2	6	4	2	3	0	0	2	2	0	2	23
Forearm	4	6	1	3	0	0	0	1	0	0	1	16
Other	71	13	16	20	10	1	9	6	3	3	47	199
<b>Total</b>	<b>312</b>	<b>119</b>	<b>90</b>	<b>63</b>	<b>46</b>	<b>24</b>	<b>19</b>	<b>15</b>	<b>13</b>	<b>13</b>	<b>81</b>	<b>795</b>

**Table 3.5 – Major workplace injuries**  
**Total industry: 2015/16**

Agency	Mechanism of incident											
	Manual handling	Falls on the same level	Falls from a height	Being hit by moving objects	Hitting moving objects	Muscular stress with no objects being handled	Being hit by falling objects	Hitting stationary objects	Unspecified mechanisms of incident	Being trapped between stationary and moving objects	Other	Total
Other materials and objects	1,059	219	50	260	219	42	332	207	19	119	235	2,761
Outdoor environment	180	1,517	293	36	32	202	52	64	5	24	193	2,598
Human agencies	998	76	3	22	7	77	19	10	10	7	801	2,030
Fastening, packing and packaging equipment	1302	152	24	96	60	25	134	61	9	46	84	1,993
Other and unspecified agencies	336	176	46	43	18	465	21	29	514	10	289	1,947
Indoor environment	34	1053	343	4	4	87	9	34	8	12	50	1,638
Furniture and fittings	669	205	79	110	39	70	115	134	6	101	67	1,595
Road transport	212	147	199	114	29	119	26	51	5	61	595	1,558
Other non-powered equipment	454	115	22	84	40	50	56	38	7	42	94	1002
Ladders, mobile ramps and stairways, and scaffolding	88	118	400	3	6	28	18	21	3	17	24	726
Other	1,676	486	266	704	951	180	267	272	50	190	1,263	6,305
<b>Total</b>	<b>7,008</b>	<b>4,264</b>	<b>1,725</b>	<b>1,476</b>	<b>1,405</b>	<b>1,345</b>	<b>1,049</b>	<b>921</b>	<b>636</b>	<b>629</b>	<b>3,695</b>	<b>24,153</b>

Bodily location	Nature of injury											
	Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	Laceration or open wound not involving traumatic amputation	Trauma to muscles	Other fractures, not elsewhere classified	Contusion, bruising and superficial crushing	Trauma to joints and ligaments, unspecified	Trauma to joints and ligaments, not elsewhere classified	Trauma to muscles and tendons, unspecified	Unspecified injuries	Hot burn	Other	Total
Back	2,677	5	1458	0	90	33	40	211	44	1	211	4,770
Hand, fingers and thumb	303	2,153	45	588	430	61	16	8	48	130	273	4,055
Knee	948	77	136	90	188	349	160	50	50	3	252	2,303
Shoulder	931	3	247	71	45	286	76	79	21	1	440	2,200
Ankle	521	28	73	313	67	264	105	23	6	8	94	1,502
Foot and toes	180	84	38	399	157	20	10	3	22	27	46	986
Wrist	257	76	48	296	34	95	23	16	7	5	51	908
Lower leg	78	151	74	112	51	0	0	9	6	11	55	547
Trunk and limbs	194	6	131	25	44	6	3	7	11	8	45	480
Elbow	138	19	22	128	34	31	12	14	5	2	42	447
Other	1,496	649	649	614	567	113	99	104	265	182	1,217	5,955
<b>Total</b>	<b>7,723</b>	<b>3,251</b>	<b>2,921</b>	<b>2,636</b>	<b>1,707</b>	<b>1,258</b>	<b>544</b>	<b>524</b>	<b>485</b>	<b>378</b>	<b>2,726</b>	<b>24,153</b>

Table 3.6 a) – Major workplace injuries

Total industry: Mechanism of injury: number, incidence, time lost and cost: 2015/16

Mechanism of incident	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Falls, trips and slips of a person</b>	<b>5</b>	<b>51</b>	<b>806</b>	<b>5,522</b>	<b>6,384</b>	<b>1.9</b>	<b>1.1</b>	<b>74,645</b>	<b>11.8</b>	<b>3.9</b>	<b>181,800</b>	<b>28,478</b>	<b>13,432</b>
Falls from a height	4	15	248	1,458	1,725	0.5	0.3	23,091	13.5	5.0	75,175	43,580	16,894
Falls on the same level	1	30	523	3,710	4,264	1.2	0.7	47,675	11.3	3.7	98,100	23,007	12,338
Stepping, kneeling or sitting on objects	0	6	35	354	395	0.1	0.1	3,879	10.0	3.0	8,524	21,582	11,940
<b>Hitting objects with a part of the body</b>	<b>0</b>	<b>52</b>	<b>174</b>	<b>2,110</b>	<b>2,336</b>	<b>0.7</b>	<b>0.4</b>	<b>18,876</b>	<b>8.3</b>	<b>2.7</b>	<b>37,982</b>	<b>16,260</b>	<b>8,936</b>
Hitting stationary objects	0	26	74	821	921	0.3	0.2	7,372	8.2	2.3	14,683	15,943	7,925
Hitting moving objects	0	25	100	1,280	1,405	0.4	0.2	11,483	8.3	2.9	23,190	16,505	9,530
Rubbing and chafing	0	1	0	9	10	0.0	0.0	22	2.4	2.1	109	10,903	7,075
<b>Being hit by moving objects</b>	<b>23</b>	<b>141</b>	<b>456</b>	<b>3,929</b>	<b>4,549</b>	<b>1.3</b>	<b>0.8</b>	<b>43,351</b>	<b>9.9</b>	<b>2.9</b>	<b>108,948</b>	<b>23,950</b>	<b>10,307</b>
Being hit by falling objects	3	27	111	908	1,049	0.3	0.2	10,086	9.9	2.9	22,169	21,134	9,572
Being bitten by an animal	0	2	5	78	85	0.0	0.0	519	6.2	1.7	1,008	11,868	7,187
Being hit by an animal	0	0	17	215	232	0.1	0.0	1,796	7.7	2.9	3,957	17,057	9,546
Being hit by a person accidentally	0	1	49	249	299	0.1	0.1	4,052	13.6	3.7	6,399	21,403	9,008
Being trapped by moving machinery or equipment	0	18	39	248	305	0.1	0.1	3,583	12.5	4.3	9,214	30,211	16,330
Being trapped between stationary and moving objects	5	33	46	545	629	0.2	0.1	5,180	8.8	2.7	15,707	24,971	11,773

Mechanism of incident	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Exposure to mechanical vibration	0	0	0	6	6	0.0	0.0	5	0.8	0.1	168	28,166	12,133
Being hit by moving objects	11	47	131	1,287	1,476	0.4	0.3	13,284	9.4	2.7	39,117	26,503	10,063
Being assaulted by a person or persons	4	13	58	393	468	0.1	0.1	4,847	10.7	2.9	11,204	23,942	7,988
<b>Sound and pressure</b>	<b>0</b>	<b>39</b>	<b>4</b>	<b>30</b>	<b>73</b>	<b>0.0</b>	<b>0.0</b>	<b>379</b>	<b>11.1</b>	<b>3.4</b>	<b>7,256</b>	<b>99,410</b>	<b>15,734</b>
Exposure to single, sudden sound	0	0	1	5	6	0.0	0.0	76	12.7	1.1	290	48,390	14,530
Long term exposure to sounds	0	37	0	0	37	0.0	0.0	0	0.0	0.0	732	19,785	17,558
Explosion	0	2	2	13	17	0.0	0.0	182	12.2	2.9	6,029	354,694	17,199
Other variations in pressure	0	0	1	12	13	0.0	0.0	120	9.2	4.3	204	15,748	4,438
<b>Body stressing</b>	<b>0</b>	<b>86</b>	<b>1,099</b>	<b>7,601</b>	<b>8,786</b>	<b>2.6</b>	<b>1.5</b>	<b>95,447</b>	<b>11.0</b>	<b>2.9</b>	<b>204,669</b>	<b>23,295</b>	<b>11,811</b>
Muscular stress while lifting, carrying, or putting down objects	0	27	414	2,850	3,291	1.0	0.6	36,055	11.1	2.9	74,942	22,772	11,365
Muscular stress while handling objects other than lifting, carrying or putting down	0	33	464	3,220	3,717	1.1	0.6	39,849	10.8	2.9	85,160	22,911	11,027
Muscular stress with no objects being handled	0	16	150	1,179	1,345	0.4	0.2	13,955	10.5	3.3	32,191	23,934	13,331
Repetitive movement, low muscle loading	0	10	71	352	433	0.1	0.1	5,588	13.3	2.9	12,375	28,580	16,401
<b>Heat, electricity and other environmental factors</b>	<b>5</b>	<b>4</b>	<b>29</b>	<b>400</b>	<b>438</b>	<b>0.1</b>	<b>0.1</b>	<b>3,280</b>	<b>7.6</b>	<b>2.1</b>	<b>8,723</b>	<b>19,916</b>	<b>3,610</b>
Contact with hot objects	0	2	15	335	352	0.1	0.1	2,017	5.8	2.1	3,689	10,483	3,156

Mechanism of incident	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Contact with cold objects	0	0	2	5	7	0.0	0.0	146	20.8	1.7	148	21,145	11,053
Exposure to environmental heat	0	1	0	15	16	0.0	0.0	49	3.2	1.9	110	6,891	2,367
Exposure to non-ionising radiation	0	1	0	5	6	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Exposure to ionising radiation	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Contact with electricity	4	0	9	28	41	0.0	0.0	811	21.9	2.9	3,970	96,832	17,909
Exposure to other and unspecified environmental factors	1	0	3	10	14	0.0	0.0	229	17.6	2.4	700	50,067	11,604
<b>Chemical and other substances</b>	<b>1</b>	<b>5</b>	<b>9</b>	<b>162</b>	<b>177</b>	<b>0.1</b>	<b>0.0</b>	<b>1,058</b>	<b>6.2</b>	<b>1.7</b>	<b>1,963</b>	<b>11,092</b>	<b>4,215</b>
Single contact with chemical or substance	0	1	6	112	119	0.0	0.0	772	6.5	1.9	1,506	12,663	4,918
Long term contact with chemicals or substances	1	2	0	4	7	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Insect and spider bites and stings	0	0	2	36	38	0.0	0.0	142	3.8	1.3	201	5,313	2,601
Contact with poisonous parts of plant or marine life	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Other and unspecified contact with chemical or substance	0	2	1	9	12	0.0	0.0	124	12.4	2.1	165	13,785	3,062
<b>Biological factors</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>25</b>	<b>27</b>	<b>0.0</b>	<b>0.0</b>	<b>156</b>	<b>6.0</b>	<b>1.8</b>	<b>571</b>	<b>21,179</b>	<b>6,497</b>
Contact with, or exposure to, biological factors of non-human origin	0	0	0	10	10	0.0	0.0	55	5.5	1.8	266	26,615	14,153

Mechanism of incident	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Contact with, or exposure to, biological factors of human origin	0	1	1	15	17	0.0	0.0	101	6.3	1.7	305	17,981	2,470
<b>Mental stress</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p</b>	<b>n.p</b>	<b>n.p</b>	<b>77</b>	<b>19,367</b>	<b>5,016</b>
Exposure to a traumatic event	0	0	1	2	3	0.0	0.0	n.p	n.p	n.p	n.p	n.p	n.p
Suicide or attempted suicide	1	0	0	0	1	0.0	0.0	n.p	n.p	n.p	n.p	n.p	n.p
<b>Vehicle incidents and other</b>	<b>25</b>	<b>52</b>	<b>163</b>	<b>1,139</b>	<b>1,379</b>	<b>0.4</b>	<b>0.2</b>	<b>14,991</b>	<b>11.5</b>	<b>3.6</b>	<b>54,817</b>	<b>39,751</b>	<b>15,017</b>
Slide or cave-in	0	0	0	6	6	0.0	0.0	20	3.3	1.2	108	18,014	17,583
Vehicle accident	22	6	93	483	604	0.2	0.1	7,981	13.9	4.4	32,023	53,019	16,774
Rollover	0	0	3	22	25	0.0	0.0	284	11.4	4.7	811	32,468	20,697
Other and multiple mechanisms of incident	2	20	19	67	108	0.0	0.0	1,673	19.5	8.4	5,680	52,596	16,502
Unspecified mechanisms of incident	1	26	48	561	636	0.2	0.1	5,034	8.3	2.6	16,193	25,462	12,823
<b>Total</b>	<b>60</b>	<b>431</b>	<b>2,742</b>	<b>20,920</b>	<b>24,153</b>	<b>7.0</b>	<b>4.2</b>	<b>252,211</b>	<b>10.7</b>	<b>3.0</b>	<b>606,810</b>	<b>25,124</b>	<b>11,430</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

Table 3.6 b) – Major workplace injuries

Total industry: Nature of injury: number, incidence, time lost and cost: 2015/16

Nature of injury	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Intracranial injuries</b>	<b>14</b>	<b>3</b>	<b>22</b>	<b>133</b>	<b>172</b>	<b>0.1</b>	<b>0</b>	<b>1,710</b>	<b>11.0</b>	<b>2.0</b>	<b>22,807</b>	<b>132,604</b>	<b>9,549</b>
Brain injury	12	2	7	9	30	0.0	0.0	446	27.9	16.3	13,373	445,787	111,223
Other intracranial injury, not elsewhere classified	1	0	12	115	128	0.0	0.0	1,120	8.8	1.9	6,110	47,739	7,732
Intracranial injury, unspecified	1	1	3	9	14	0.0	0.0	144	12.0	0.9	3,323	237,399	6,835
<b>Fractures</b>	<b>2</b>	<b>23</b>	<b>418</b>	<b>2,423</b>	<b>2,866</b>	<b>0.8</b>	<b>0.5</b>	<b>39,657</b>	<b>14.0</b>	<b>6.4</b>	<b>90,054</b>	<b>31,422</b>	<b>17,931</b>
Fractured skull and facial bones	1	3	18	106	128	0.0	0.0	1,659	13.4	3.2	4,554	35,578	14,507
Fracture of vertebral column without mention of spinal cord lesion	0	2	21	64	87	0.0	0.0	1,740	20.5	9.1	3,748	43,090	24,745
Other fractures, not elsewhere classified	1	18	379	2,238	2,636	0.8	0.5	36,168	13.8	6.6	81,272	30,832	17,807
Fractures, unspecified	0	0	0	15	15	0.0	0.0	90	6.0	3.3	479	31,952	26,463
<b>Wounds, lacerations, amputations and internal organ damage</b>	<b>9</b>	<b>194</b>	<b>382</b>	<b>4,683</b>	<b>5,268</b>	<b>1.5</b>	<b>0.9</b>	<b>41,903</b>	<b>8.3</b>	<b>2.4</b>	<b>97,758</b>	<b>18,557</b>	<b>8,632</b>
Internal injury of chest, abdomen and pelvis	5	1	1	19	26	0.0	0.0	186	9.3	5.3	3,674	141,320	24,484
Traumatic amputation	0	69	0	0	69	0.0	0.0	0	0.0	0.0	9,056	131,253	27,867
Injury to major blood vessel	4	0	0	0	4	0.0	0.0	n.p.	n.p.	n.p.	1,731	432,807	382,600



Nature of injury	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Laceration or open wound not involving traumatic amputation	0	115	205	2931	3251	0.9	0.6	24781	7.9	2.6	49,577	15,250	8,750
Medical sharp/needlestick puncture	0	0	3	8	11	0.0	0.0	301	27.4	2.0	258	23,488	3,945
Superficial injury	0	0	25	175	200	0.1	0.0	2,063	10.4	2.6	2,965	14,827	6,962
Contusion, bruising and superficial crushing	0	9	148	1550	1707	0.5	0.3	14,572	8.6	2.3	30,495	17,865	8,244
<b>Burn</b>	<b>0</b>	<b>7</b>	<b>25</b>	<b>469</b>	<b>501</b>	<b>0.1</b>	<b>0.1</b>	<b>3,185</b>	<b>6.4</b>	<b>2.1</b>	<b>11,717</b>	<b>23,388</b>	<b>4,149</b>
Electrical burn	0	0	0	8	8	0.0	0.0	33	4.1	2.1	149	18,666	9,472
Chemical burn	0	1	3	60	64	0.0	0.0	427	6.8	2.3	819	12,812	7,892
Cold burn	0	0	1	2	3	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Hot burn	0	5	16	357	378	0.1	0.1	2,182	5.9	2.0	9,637	25,495	3,331
Friction burn	0	1	1	6	8	0.0	0.0	67	9.5	3.7	101	12,731	7,112
Combination burn or burn not elsewhere classified	0	0	0	5	5	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Burns, unspecified	0	0	4	31	35	0.0	0.0	367	10.5	3.0	817	23,369	5,187
<b>Injury to nerves and spinal cord</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>35</b>	<b>45</b>	<b>0.0</b>	<b>0.0</b>	<b>906</b>	<b>20.1</b>	<b>11.1</b>	<b>2,780</b>	<b>61,799</b>	<b>21,600</b>
Paraplegia involving spinal cord injury	0	0	1	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Injuries to nerves and spinal cord, not elsewhere classified	0	0	6	19	25	0.0	0.0	609	24.4	14.9	1,246	49,863	15,080

Nature of injury	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Injuries to nerves and spinal cord, unspecified	0	0	3	16	19	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Traumatic joint/ligament and muscle/tendon injury</b>	<b>0</b>	<b>135</b>	<b>1787</b>	<b>12,239</b>	<b>14,161</b>	<b>4.1</b>	<b>2.5</b>	<b>155,134</b>	<b>11.1</b>	<b>2.9</b>	<b>334,633</b>	<b>23,631</b>	<b>11,710</b>
<b>Trauma to joints and ligaments</b>	<b>0</b>	<b>14</b>	<b>179</b>	<b>1963</b>	<b>2156</b>	<b>0.6</b>	<b>0.4</b>	<b>18,157</b>	<b>8.5</b>	<b>2.4</b>	<b>54,209</b>	<b>25,143</b>	<b>13,514</b>
Dislocation	0	5	64	285	354	0.1	0.1	4,888	14.0	4.7	11,992	33,877	22,226
Trauma to joints and ligaments, not elsewhere classified	0	1	51	492	544	0.2	0.1	5,149	9.5	2.7	11,769	21,635	13,048
Trauma to joints and ligaments, unspecified	0	8	64	1,186	1,258	0.4	0.2	8,120	6.5	2.0	30,447	24,203	11,918
<b>Trauma to muscles and tendons</b>	<b>0</b>	<b>29</b>	<b>545</b>	<b>3708</b>	<b>4282</b>	<b>1.2</b>	<b>0.7</b>	<b>45,652</b>	<b>10.8</b>	<b>2.6</b>	<b>97,577</b>	<b>22,788</b>	<b>11,000</b>
Traumatic tearing away part of the muscle/tendon structure	0	0	41	151	192	0.1	0.0	3,669	19.2	9.0	7,436	38,730	23,064
Trauma to muscles	0	21	350	2550	2921	0.8	0.5	28,811	10.0	2.3	56,845	19,461	8,866
Trauma to tendon	0	2	53	232	287	0.1	0.0	4,336	15.3	6.0	9,392	32,727	21,795
Trauma to muscles and tendons, not elsewhere classified	0	2	62	294	358	0.1	0.1	4,855	13.7	4.2	11,476	32,058	16,108
Trauma to muscles and tendons, unspecified	0	4	39	481	524	0.2	0.1	3,981	7.7	1.9	12,426	23,714	12,532

Nature of injury	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Residual soft tissue disorders due to trauma or unknown mechanisms</b>	<b>0</b>	<b>92</b>	<b>1,063</b>	<b>6,568</b>	<b>7,723</b>	<b>2.2</b>	<b>1.3</b>	<b>91,324</b>	<b>12.0</b>	<b>3.4</b>	<b>182,846</b>	<b>23,676</b>	<b>11,514</b>
Soft tissue injuries due to trauma or unknown mechanisms with insufficient information to code elsewhere	0	92	1063	6568	7,723	2.2	1.3	91,324	12.0	3.4	182,846	23,676	11,514
<b>Other injuries</b>	<b>33</b>	<b>59</b>	<b>90</b>	<b>891</b>	<b>1073</b>	<b>0.3</b>	<b>0.2</b>	<b>9,069</b>	<b>9.2</b>	<b>2.7</b>	<b>45,842</b>	<b>42,723</b>	<b>12,464</b>
Foreign body on external eye, in ear or nose or in respiratory, digestive or reproductive tract	0	4	6	139	149	0.0	0.0	874	6.0	1.7	1,628	10,929	3,446
Poisoning and toxic effects of substances	2	0	1	32	35	0.0	0.0	122	3.7	0.9	1,058	30,230	3,069
Audio shock, audio shriek	0	16	0	2	18	0.0	0.0	n.p.	n.p.	n.p.	342	19,007	16,998
Electrocution, shock from electric current	4	0	9	23	36	0.0	0.0	791	24.7	4.5	3,896	108,237	19,569
Traumatic deafness from air pressure or explosion	0	18	2	9	29	0.0	0.0	208	18.9	7.9	600	20,705	15,898
Heat stress/heat stroke	0	1	0	8	9	0.0	0.0	33	4.1	1.3	52	5,828	2,269
Hypothermia and effects of reduced temperature	0	0	1	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.

Nature of injury	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Effects of weather, exposure, air pressure and other external causes, not elsewhere classified	2	1	2	2	7	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Multiple injuries	24	19	13	173	229	0.1	0.0	1,712	9.2	3.3	22,095	96,485	20,000
Other specified injuries, not elsewhere classified	0	0	8	67	75	0.0	0.0	779	10.4	4.4	1,468	19,585	9,902
Unspecified injuries	1	0	48	436	485	0.1	0.1	4,383	9.1	3.4	13,270	27,361	13,965
<b>Other claims</b>	<b>2</b>	<b>10</b>	<b>8</b>	<b>47</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>646</b>	<b>11.7</b>	<b>5.6</b>	<b>1,215</b>	<b>18,145</b>	<b>9,057</b>
Exposure to substances without current injury or disease apparent	1	2	4	18	25	0.0	0.0	242	11.0	3.6	577	23,107	2,950
<b>Not stated</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>29</b>	<b>42</b>	<b>n.a</b>	<b>n.a</b>	<b>404</b>	<b>12.2</b>	<b>7.4</b>	<b>638</b>	<b>15,192</b>	<b>9,313</b>
<b>Total</b>	<b>60</b>	<b>431</b>	<b>2,742</b>	<b>20,920</b>	<b>24,153</b>	<b>7</b>	<b>4.2</b>	<b>252,211</b>	<b>10.7</b>	<b>3.0</b>	<b>606,810</b>	<b>25,124</b>	<b>11,430</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

**Table 4.1 – Major occupational diseases**  
**Industry statistics: Number, incidence, time lost and cost: 2015/16**

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Agriculture, forestry and fishing	0	27	10	74	111	2.1	1.1	1,137	14	6	2,393	21,559	14,260
Agriculture	0	24	8	57	89	1.9	1.0	889	14	6	1,937	21,774	12,670
Aquaculture	0	0	0	1	1	1.6*	1.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Forestry and logging	0	1	0	2	3	6.1*	2.9*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Agriculture, forestry and fishing support services	0	2	2	14	18	3.3*	2.0*	226	14	7	313	17,416	16,356
Mining	0	196	5	32	233	6.5	3.0	485	13	5	4,999	21,458	10,006
Coal mining	0	171	1	22	194	9.2	4.4	151	7	5	3,538	18,239	9,843
Oil and gas extraction	0	2	0	1	3	1.0*	0.4*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Metal ore mining	0	6	2	2	10	3.2*	1.4*	169	42	36	451	45,183	28,626
Non-metallic mineral mining and quarrying	0	12	1	6	19	14.3*	5.7*	87	12	5	218	11,475	7,149
Exploration and other mining support services	0	5	1	1	7	1.0*	0.4*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Manufacturing	2	567	94	373	1,036	4.3	2.3	7,400	16	5	33,644	32,475	15,074
Food product manufacturing	1	70	14	100	185	2.9	1.7	1,227	11	3	5,094	27,538	12,406
Beverage and tobacco product manufacturing	0	6	0	10	16	2.2*	1.2*	103	10	8	357	22,332	20,559
Textile, leather, clothing and footwear manufacturing	0	16	1	2	19	2.5*	1.4*	n.p.	n.p.	n.p.	741	39,021	17,169
Wood product manufacturing	0	31	2	28	61	4.8	2.3*	387	13	6	1,196	19,617	14,216

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Pulp, paper and converted paper product manufacturing	0	7	1	11	19	4.6*	2.3*	91	8	5	269	14,196	14,622
Printing (including the reproduction of recorded media)	0	21	8	10	39	2.8	1.5*	484	27	16	898	23,049	19,207
Basic chemical and chemical product manufacturing	0	14	4	20	38	2.4	1.3*	375	16	5	910	23,968	14,046
Polymer product and rubber product manufacturing	0	14	1	8	23	2.5	1.3*	n.p.	n.p.	n.p.	713	31,001	20,366
Non-metallic mineral product manufacturing	0	54	8	21	83	9.9*	4.5*	663	23	12	2,898	34,926	20,613
Primary metal and metal product manufacturing	0	94	2	18	114	6.0	3.1	145	7	3	4,852	42,564	8,735
Fabricated metal product manufacturing	0	83	11	46	140	9.8	5.0*	897	16	4	3,481	24,871	14,023
Transport equipment manufacturing	0	47	5	29	81	6.4	3.4*	494	15	3	5,535	68,333	17,804
Machinery and equipment manufacturing	1	84	18	60	163	4.6	2.3	1,256	16	5	4,520	27,734	16,230
Furniture and other manufacturing	0	26	19	10	55	4.2	2.1*	1,082	37	52	2,173	39,513	24,900
<b>Electricity, gas, water and waste services</b>	<b>1</b>	<b>63</b>	<b>9</b>	<b>21</b>	<b>94</b>	<b>2.2</b>	<b>1.2</b>	<b>558</b>	<b>19</b>	<b>4</b>	<b>3,709</b>	<b>39,464</b>	<b>13,344</b>
Electricity supply	1	46	0	6	53	2.5	1.3	3	1	0	2,328	43,930	13,779
Gas supply	0	1	0	0	1	0.3*	0.1*	0	0.0	0.0	n.p.	n.p.	n.p.
Water supply, sewerage and drainage services	0	4	0	4	8	1.2*	0.7*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Waste collection, treatment and disposal services	0	12	9	11	32	3.2	1.7*	531	27	10	855	26,722	14,202
<b>Construction</b>	<b>9</b>	<b>322</b>	<b>62</b>	<b>222</b>	<b>615</b>	<b>2.6</b>	<b>1.3</b>	<b>5,115</b>	<b>18</b>	<b>8</b>	<b>19,648</b>	<b>31,949</b>	<b>15,792</b>
Building construction	1	75	19	59	154	2.1	1.0	1,386	18	7	5,201	33,775	17,156
Heavy and civil engineering construction	1	88	11	28	128	5.7	2.6	894	23	10	3,022	23,614	13,645

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Construction services	7	159	32	135	333	2.4	1.2	2,835	17	7	11,424	34,308	16,254
<b>Wholesale trade</b>	<b>1</b>	<b>76</b>	<b>41</b>	<b>129</b>	<b>247</b>	<b>2.0</b>	<b>1.0</b>	<b>3,336</b>	<b>20</b>	<b>7</b>	<b>8,983</b>	<b>36,370</b>	<b>18,922</b>
Basic material wholesaling	0	30	7	21	58	1.8	1.0	507	19	5	1,687	29,091	18,372
Machinery and equipment wholesaling	1	21	13	30	65	1.9	1.0	1,013	24	16	3,458	53,205	23,459
Motor vehicle and motor vehicle parts wholesaling	0	10	0	11	21	4.4*	2.2*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Grocery, liquor and tobacco product wholesaling	0	5	6	33	44	1.7	0.9	581	15	4	1,287	29,265	16,732
Other goods wholesaling	0	9	15	34	58	2.1	1.2	1,151	24	14	2,114	36,458	19,895
Commission-based wholesaling	0	1	0	0	1	0.5*	0.2*	0	0.0	0.0	n.p.	n.p.	n.p.
<b>Retail trade</b>	<b>1</b>	<b>58</b>	<b>54</b>	<b>341</b>	<b>454</b>	<b>1.2</b>	<b>0.8</b>	<b>4,646</b>	<b>12</b>	<b>4</b>	<b>12,345</b>	<b>27,193</b>	<b>16,293</b>
Motor vehicle and motor vehicle parts retailing	1	8	4	24	37	1.0	0.5	355	13	7	1,394	37,681	15,739
Fuel retailing	0	1	5	4	10	0.9	0.5*	267	30	29	360	36,004	35,981
Food retailing	0	14	22	157	193	1.6	1.3	2,115	12	4	4,092	21,206	15,731
Other store-based retailing	0	34	23	152	209	1.0	0.7	1,878	11	3	6,393	30,593	17,305
Non-store retailing and retail commission-based buying and/or selling	0	1	0	4	5	1.2*	0.7*	31	8	4	104	20,895	24,732
<b>Accommodation and food services</b>	<b>0</b>	<b>41</b>	<b>29</b>	<b>153</b>	<b>223</b>	<b>0.8</b>	<b>0.7</b>	<b>2,378</b>	<b>13</b>	<b>5</b>	<b>6,669</b>	<b>29,908</b>	<b>16,004</b>
Accommodation	0	4	10	25	39	1.2	0.8	578	17	10	1,952	50,077	22,134
Food and beverage services	0	37	19	128	184	0.8	0.6	1,799	12	4	4,716	25,633	14,395
<b>Transport, postal and warehousing</b>	<b>5</b>	<b>188</b>	<b>46</b>	<b>302</b>	<b>541</b>	<b>3.4</b>	<b>1.9</b>	<b>3,936</b>	<b>11</b>	<b>3</b>	<b>15,309</b>	<b>28,298</b>	<b>14,257</b>
Road transport	3	54	20	118	195	3.0	1.5	1,744	13	6	6,137	31,475	18,373
Rail transport	0	44	4	61	109	8.5	4.3*	446	7	2	3,118	28,611	13,823

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Water transport	0	2	1	1	4	6.3*	2.7*	n.p.	n.p.	n.p.	59	14,960	14,837
Air and space transport	0	42	2	22	66	4.7	2.9*	137	6	0	962	14,588	6,941
Other transport	0	6	1	4	11	9.9*	6.0*	n.p.	n.p.	n.p.	183	16,720	8,900
Postal and courier pick-up and delivery services	1	3	3	21	28	1.1	0.6	269	11	2	1,522	54,384	16,562
Transport support services	1	33	8	59	101	5.6	2.9	701	11	3	2,189	21,677	13,159
Warehousing and storage services	0	4	7	16	27	1.3	0.8	445	19	3	1,134	42,016	16,083
<b>Information media and telecommunications</b>	<b>0</b>	<b>8</b>	<b>16</b>	<b>21</b>	<b>45</b>	<b>0.8</b>	<b>0.4</b>	<b>935</b>	<b>25</b>	<b>12</b>	<b>2,312</b>	<b>51,398</b>	<b>23,432</b>
Publishing (except internet and music publishing)	0	6	3	2	11	1.0	0.6*	148	30	35	498	45,295	23,432
Motion picture and sound recording activities	0	0	1	7	8	0.9	0.5*	110	14	4	130	16,337	16,019
Broadcasting (except internet)	0	1	3	1	5	0.5	0.2*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Telecommunications services	0	1	5	6	12	0.6	0.3	266	24	12	622	51,894	24,199
Internet service providers, web search portals and data processing services	0	0	1	1	2	0.6*	0.3*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Library and other information services	0	0	3	4	7	3.4*	3.0*	226	32	26	451	64,490	31,863
<b>Financial and insurance services</b>	<b>0</b>	<b>12</b>	<b>15</b>	<b>44</b>	<b>71</b>	<b>0.5</b>	<b>0.3</b>	<b>1,086</b>	<b>18</b>	<b>7</b>	<b>4,006</b>	<b>56,424</b>	<b>19,474</b>
Finance	0	4	10	26	40	0.5	0.3	639	18	9	2,924	73,115	19,099
Insurance and superannuation funds	0	3	3	9	15	0.5	0.3	278	23	11	595	39,720	20,758
Auxiliary finance and insurance services	0	5	2	9	16	0.4	0.2	169	15	6	485	30,355	12,744
<b>Rental, hiring and real estate services</b>	<b>0</b>	<b>12</b>	<b>10</b>	<b>20</b>	<b>42</b>	<b>0.6</b>	<b>0.3</b>	<b>663</b>	<b>22</b>	<b>9</b>	<b>1,261</b>	<b>30,040</b>	<b>17,602</b>
Rental and hiring services (except real estate)	0	10	4	8	22	2.7*	1.5*	270	23	12	532	24,192	22,220



Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Property operators and real estate services	0	2	6	12	20	0.3	0.2	393	22	8	729	36,473	14,802
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>68</b>	<b>28</b>	<b>73</b>	<b>169</b>	<b>0.5</b>	<b>0.3</b>	<b>2,084</b>	<b>21</b>	<b>12</b>	<b>9,981</b>	<b>59,064</b>	<b>18,258</b>
Professional, scientific and technical services (except computer system design and related services)	0	63	26	67	156	0.6	0.3	1,946	21	12	9,635	61,768	17,903
Computer system design and related services	0	5	2	6	13	0.2	0.1	138	17	20	345	26,615	23,305
<b>Administrative and support services</b>	<b>0</b>	<b>46</b>	<b>29</b>	<b>84</b>	<b>159</b>	<b>1.0</b>	<b>0.6</b>	<b>1,939</b>	<b>17</b>	<b>9</b>	<b>4,519</b>	<b>28,424</b>	<b>16,453</b>
Administrative services	0	22	22	44	88	0.8	0.5	1,311	20	12	2,950	33,526	16,557
Building cleaning, pest control and other support services	0	24	7	40	71	1.5	1.1	628	13	5	1,569	22,100	16,453
<b>Public administration and safety</b>	<b>2</b>	<b>184</b>	<b>127</b>	<b>436</b>	<b>749</b>	<b>4.5</b>	<b>2.7</b>	<b>9,748</b>	<b>18</b>	<b>9</b>	<b>33,591</b>	<b>44,848</b>	<b>25,196</b>
Public administration	2	123	29	166	320	2.8	1.7	1,975	10	2	9,049	28,279	14,245
Public order, safety and regulatory services and defence	0	61	98	270	429	8.2	4.6	7,773	22	12	24,541	57,207	35,148
<b>Education and training</b>	<b>0</b>	<b>37</b>	<b>152</b>	<b>388</b>	<b>577</b>	<b>1.9</b>	<b>1.2</b>	<b>11,905</b>	<b>22</b>	<b>10</b>	<b>27,258</b>	<b>47,242</b>	<b>22,779</b>
Preschool and school education	0	12	124	308	444	2.6	1.6	10,041	23	10	22,284	50,191	22,275
Tertiary education	0	23	16	66	105	1.3	0.9	1,267	16	8	3,806	36,253	21,885
Adult, community and other education	0	2	12	14	28	0.5	0.4	597	24	17	1,167	41,690	33,204
<b>Health care and social assistance</b>	<b>2</b>	<b>69</b>	<b>180</b>	<b>648</b>	<b>899</b>	<b>1.9</b>	<b>1.3</b>	<b>13,255</b>	<b>16</b>	<b>5</b>	<b>26,761</b>	<b>29,768</b>	<b>15,739</b>
Hospitals	1	29	48	270	348	2.8	1.8	3,636	12	3	9,742	27,997	13,743
Medical and other health care services	1	20	63	119	203	1.4	0.9	4,359	24	13	7,978	39,301	21,171
Residential care services	0	17	61	206	284	3.7	2.6	4,507	17	7	7,301	25,711	13,526
Social assistance services	0	3	8	53	64	0.5	0.3	753	13	4	1,738	27,163	11,700

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Arts and recreation services</b>	<b>0</b>	<b>8</b>	<b>14</b>	<b>42</b>	<b>64</b>	<b>1.0</b>	<b>0.7</b>	<b>1,040</b>	<b>19</b>	<b>6</b>	<b>1,554</b>	<b>24,281</b>	<b>16,905</b>
Heritage activities	0	2	5	13	20	1.8	1.1*	294	17	6	343	17,185	14,115
Creative and performing arts activities	0	2	2	5	9	1.2*	0.7*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Sports and recreation activities	0	4	7	23	34	0.9	0.7	589	20	8	883	25,978	17,807
Gambling activities	0	0	0	1	1	0.1*	0.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Other services</b>	<b>0</b>	<b>84</b>	<b>27</b>	<b>99</b>	<b>210</b>	<b>1.8</b>	<b>1.0</b>	<b>2,171</b>	<b>17</b>	<b>6</b>	<b>5,772</b>	<b>27,486</b>	<b>14,799</b>
Repair and maintenance	0	58	10	33	101	1.7	0.9	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Personal and other services	0	23	17	66	106	1.9	1.2	1,316	16	7	3,684	34,758	18,493
Private households employing staff and undifferentiated goods- and service-producing activities of households for own use	0	3	0	0	3	1.2*	1.1*	0	0.0	0.0	n.p.	n.p.	n.p.
<b>Not stated and other</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
<b>Total</b>	<b>24</b>	<b>2,066</b>	<b>948</b>	<b>3,502</b>	<b>6,540</b>	<b>1.9</b>	<b>1.1</b>	<b>73,814</b>	<b>17</b>	<b>6</b>	<b>224,724</b>	<b>34,361</b>	<b>16,890</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 4.2 – Major occupational diseases**  
**Occupation statistics: Number, incidence, time lost and cost: 2015/16**

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Managers</b>	<b>4</b>	<b>87</b>	<b>79</b>	<b>235</b>	<b>405</b>	<b>0.9</b>	<b>0.4</b>	<b>5,971</b>	<b>19.2</b>	<b>8.1</b>	<b>21,715</b>	<b>53,619</b>	<b>20,155</b>
Chief executives, general managers and legislators	2	18	18	50	88	2.1	0.9	1,249	18.6	9.3	8,673	98,564	26,165
Farmers and farm managers	0	2	1	11	14	0.9	0.4	195	16.2	7.0	300	21,440	12,554
Specialist managers	2	61	48	106	217	1.0	0.5	3,496	23.0	11.6	9,989	46,036	19,890
Hospitality, retail and service managers	0	6	12	68	86	0.5	0.3	1,031	12.9	3.9	2,752	32,001	16,871
<b>Professionals</b>	<b>4</b>	<b>131</b>	<b>225</b>	<b>607</b>	<b>967</b>	<b>1.1</b>	<b>0.6</b>	<b>17,074</b>	<b>20.6</b>	<b>7.7</b>	<b>42,439</b>	<b>43,888</b>	<b>20,140</b>
Arts and media professionals	0	8	7	8	23	0.8	0.5	437	29.1	17.7	953	41,456	11,180
Business, human resource and marketing professionals	2	27	53	81	163	0.8	0.4	3,813	28.7	20.9	8,168	50,113	22,312
Design, engineering, science and transport professionals	0	73	11	58	142	1.4	0.7	858	12.4	1.6	4,174	29,399	11,798
Education professionals	0	13	99	244	356	1.9	1.2	8,023	23.5	9.4	18,950	53,231	24,936
Health professionals	2	6	26	158	192	1.1	0.7	1,948	10.6	2.7	6,154	32,055	13,025
ICT professionals	0	2	4	10	16	0.2	0.1	396	28.3	18.6	779	48,741	22,541
Legal, social and welfare professionals	0	2	25	48	75	1.2	0.7	1,598	21.9	14.9	3,258	43,442	28,916
<b>Technicians and trades workers</b>	<b>2</b>	<b>421</b>	<b>86</b>	<b>359</b>	<b>868</b>	<b>2.2</b>	<b>1.1</b>	<b>6,846</b>	<b>15.4</b>	<b>4.7</b>	<b>29,988</b>	<b>34,549</b>	<b>16,411</b>
Engineering, ICT and science technicians	0	29	8	28	65	1.0	0.5	651	18.1	5.3	2,145	33,013	12,720
Automotive and engineering trades workers	0	178	19	60	257	3.1	1.5	1,290	16.3	3.1	9,079	35,328	17,352
Construction trades workers	1	86	18	76	181	2.4	1.1	1,513	16.1	5.9	6,963	38,470	18,671
Electrotechnology and telecommunications trades workers	0	61	5	28	94	1.6	0.8	357	10.8	3.0	2,703	28,765	14,354

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Food trades workers	0	9	11	55	75	1.5	0.9	969	14.7	4.1	2,338	31,181	17,220
Skilled animal and horticultural workers	1	10	6	47	64	2.4	1.4	705	13.3	5.3	2,192	34,259	17,876
Other technicians and trades workers	0	48	19	65	132	3.4	2.0	1,362	16.2	4.6	4,565	34,586	15,069
<b>Community and personal service workers</b>	<b>0</b>	<b>108</b>	<b>226</b>	<b>714</b>	<b>1,048</b>	<b>2.8</b>	<b>2.1</b>	<b>16,810</b>	<b>18.1</b>	<b>8.4</b>	<b>40,431</b>	<b>38,580</b>	<b>21,520</b>
Health and welfare support workers	0	17	49	107	173	4.3	2.7	3,126	20.4	9.9	6,138	35,480	20,381
Carers and aides	0	9	63	250	322	2.2	1.6	4,849	15.6	4.9	7,916	24,586	11,799
Hospitality workers	0	11	7	72	90	0.9	0.8	725	9.2	2.6	1,643	18,263	11,199
Protective service workers	0	64	96	254	414	11.1	6.4	7,395	21.5	12.0	23,525	56,825	34,334
Sports and personal service workers	0	7	11	31	49	0.9	0.8	714	17.4	6.4	1,207	24,644	18,741
<b>Clerical and administrative workers</b>	<b>1</b>	<b>49</b>	<b>72</b>	<b>261</b>	<b>383</b>	<b>0.8</b>	<b>0.5</b>	<b>5,558</b>	<b>16.7</b>	<b>6.7</b>	<b>16,027</b>	<b>41,847</b>	<b>20,394</b>
Office managers and program administrators	0	8	9	21	38	0.5	0.3	640	21.3	12.1	1,907	50,190	23,268
Personal assistants and secretaries	0	0	1	6	7	0.2	0.1	98	14.0	1.7	216	30,921	22,968
General clerical workers	0	1	4	19	24	0.3	0.2	334	14.5	6.6	654	27,276	23,245
Inquiry clerks and receptionists	0	3	9	28	40	0.4	0.3	642	17.3	7.4	1,285	32,131	20,147
Numerical clerks	0	4	6	32	42	0.4	0.3	493	13.0	5.6	3,137	74,707	25,699
Clerical and office support workers	1	5	9	27	42	1.5	1.0	677	18.8	8.8	1,846	43,975	17,384
Other clerical and administrative workers	0	28	34	128	190	2.6	1.5	2,674	16.5	6.4	6,979	36,733	19,211
<b>Sales workers</b>	<b>1</b>	<b>22</b>	<b>28</b>	<b>190</b>	<b>241</b>	<b>0.7</b>	<b>0.5</b>	<b>2,572</b>	<b>11.8</b>	<b>4.0</b>	<b>6,584</b>	<b>27,320</b>	<b>15,655</b>
Sales representatives and agents	0	2	7	27	36	0.6	0.3	624	18.3	7.2	1,636	45,458	22,343
Sales assistants and salespersons	1	17	16	127	161	0.7	0.6	1,525	10.7	3.9	4,292	26,664	15,949

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Sales support workers	0	3	5	36	44	0.8	0.8	423	10.3	2.9	654	14,880	11,183
<b>Machinery operators and drivers</b>	<b>5</b>	<b>561</b>	<b>78</b>	<b>481</b>	<b>1,125</b>	<b>5.7</b>	<b>3.0</b>	<b>6,825</b>	<b>12.2</b>	<b>4.0</b>	<b>27,882</b>	<b>24,784</b>	<b>13,820</b>
Machine and stationary plant operators	1	276	12	81	370	9.7	4.9	1,282	13.8	3.9	8,384	22,662	13,059
Mobile plant operators	0	135	6	52	193	5.8	2.9	557	9.6	4.4	3,711	19,230	9,923
Road and rail drivers	4	121	35	227	387	4.5	2.4	3,024	11.6	4.0	11,580	29,924	16,381
Storepersons	0	29	25	121	175	4.5	2.8	1,961	13.4	4.4	4,205	24,032	15,064
<b>Labourers</b>	<b>6</b>	<b>685</b>	<b>152</b>	<b>645</b>	<b>1,488</b>	<b>5.0</b>	<b>3.4</b>	<b>11,968</b>	<b>15.1</b>	<b>5.7</b>	<b>39,279</b>	<b>26,397</b>	<b>14,921</b>
Cleaners and laundry workers	0	41	13	84	138	2.0	1.7	1,041	11.0	4.4	3,166	22,947	15,759
Construction and mining labourers	3	104	18	56	181	4.5	2.2	1,468	19.8	9.3	5,726	31,639	17,000
Factory process workers	1	77	31	119	228	4.0	2.4	2,247	15.0	5.7	5,147	22,577	15,575
Farm, forestry and garden workers	0	15	10	54	79	2.7	1.5	873	13.6	4.3	1,856	23,501	13,550
Food preparation assistants	0	8	12	25	45	0.9	0.9	693	18.7	10.7	1,145	25,460	19,117
Other labourers	2	440	68	307	817	16.3	11.6	5,646	15.2	6.6	22,236	27,217	14,285
<b>Not stated and other</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>15</b>	<b>n.a.</b>	<b>n.a.</b>	<b>191</b>	<b>15.9</b>	<b>8.0</b>	<b>375</b>	<b>25,037</b>	<b>25,548</b>
<b>Total</b>	<b>24</b>	<b>2,066</b>	<b>948</b>	<b>3,502</b>	<b>6,540</b>	<b>1.9</b>	<b>1.1</b>	<b>73,814</b>	<b>16.7</b>	<b>6.1</b>	<b>224,724</b>	<b>34,361</b>	<b>16,890</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

**Table 4.3 – Major occupational diseases**  
**Age statistics: Number, incidence, time lost and cost: 2015/16**

Age	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
15 - 19	0	1	8	43	52	0.2	0.3	638	12.5	3.0	1,893	36,412	9,169
20 - 24	0	16	35	189	240	0.6	0.4	3,006	13.4	4.9	7,054	29,396	12,690
25 - 29	0	22	69	284	375	0.9	0.5	5,173	14.7	4.4	10,363	27,636	15,156
30 - 34	1	49	71	304	425	1.0	0.6	5,741	15.5	5.8	20,072	47,230	19,486
35 - 39	1	71	110	411	593	1.6	0.9	8,486	16.4	7.4	21,655	36,519	18,098
40 - 44	3	107	138	473	721	2.0	1.1	10,917	18.0	7.1	31,380	43,524	18,121
45 - 49	1	191	157	539	888	2.5	1.4	11,774	17.0	5.9	30,161	33,966	18,120
50 - 54	3	290	146	514	953	2.8	1.6	11,469	17.5	6.9	35,113	36,846	17,000
55 - 59	4	438	126	433	1,001	3.5	2.0	9,822	17.6	6.0	30,765	30,735	16,354
60 - 64	6	535	71	257	869	4.6	3.0	5,573	17.0	7.0	26,723	30,752	14,591
65 +	5	346	17	55	423	3.9	3.0	1,217	16.9	6.2	9,538	22,550	14,181
Total	24	2,066	948	3,502	6,540	1.9	1.1	73,814	16.7	6.1	224,724	34,361	16,890

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 4.4 – Major occupational diseases**  
**Time lost and cost for temporary disability cases only: 2015/16**

Time lost	Number of injuries		Time lost (weeks) (a)		Gross incurred cost (GIC)		
	Number	%	Total	%	Total \$'000	%	Average \$
Persons							
Up to 1 week	947	21.3	247	0.3	24,170	15.0	25,524
Over 1 week to 2 weeks	426	9.6	713	1.0	4,662	2.9	10,946
Over 2 weeks to 4 weeks	524	11.8	1,608	2.2	8,964	5.6	17,108
Over 4 weeks to 26 weeks	1,630	36.6	19,650	26.6	55,106	34.3	33,808
Over 26 weeks	923	20.7	51,596	69.9	67,758	42.2	73,411
<b>Total</b>	<b>4,450</b>	<b>100</b>	<b>73,814</b>	<b>100</b>	<b>160,663</b>	<b>100</b>	<b>36,104</b>

a. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 4.5 – Major occupational diseases**  
**Nature of disease: Number, incidence, frequency rate and cost: 2015/16**

Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
<b>Musculoskeletal and connective tissue diseases</b>	<b>1,004</b>	<b>0.6</b>	<b>0.3</b>	<b>36,865</b>	<b>36,718</b>	<b>16,826</b>	<b>771</b>	<b>0.5</b>	<b>0.3</b>	<b>20,603</b>	<b>26,722</b>	<b>13,598</b>	<b>1,775</b>	<b>0.5</b>	<b>0.3</b>	<b>57,468</b>	<b>32,376</b>	<b>15,784</b>
<b>Joint diseases (arthroplasties) and other articular cartilage diseases</b>	<b>106</b>	<b>0.1</b>	<b>0.0</b>	<b>3,588</b>	<b>33,845</b>	<b>19,145</b>	<b>40</b>	<b>0.0</b>	<b>0.0</b>	<b>1,441</b>	<b>36,022</b>	<b>17,531</b>	<b>146</b>	<b>0.0</b>	<b>0.0</b>	<b>5,028</b>	<b>34,442</b>	<b>18,528</b>
Osteoarthritis/osteoarthrosis	9	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	11	0.0	0.0	832	75,640	40,220
Inflammatory arthritis/arthroplasties	3	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	5	0.0	0.0	180	36,068	18,582
Infectious arthritis/arthroplasties	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.
Arthroplasties, not elsewhere classified	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Meniscus degenerate/detached/retained/chronic tear	82	0.0	0.0	2,144	26,142	18,209	28	0.0	0.0	838	29,943	17,915	110	0.0	0.0	2,982	27,110	18,022
Acquired musculoskeletal deformities	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.
Other chronic joint and ligament diseases	2	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.	5	0.0	0.0	360	72,015	37,822
Joint and other articular cartilage diseases, not elsewhere classified	7	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	9	0.0	0.0	380	42,277	25,391
Joint and other articular cartilage diseases, unspecified	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.
<b>Spinal vertebrae and intervertebral disc diseases-dermopathies</b>	<b>389</b>	<b>0.2</b>	<b>0.1</b>	<b>19,412</b>	<b>49,902</b>	<b>18,110</b>	<b>283</b>	<b>0.2</b>	<b>0.1</b>	<b>8,410</b>	<b>29,717</b>	<b>13,007</b>	<b>672</b>	<b>0.2</b>	<b>0.1</b>	<b>27,822</b>	<b>41,401</b>	<b>16,389</b>
Disc displacement, prolapse, degeneration or hernia	219	0.1	0.1	14,972	68,364	25,958	116	0.1	0.0	4,419	38,098	20,376	335	0.1	0.1	19,391	57,884	22,545
Back pain, lumbago, and sciatica	123	0.1	0.0	3,248	26,408	10,555	127	0.1	0.1	2,866	22,569	9,881	250	0.1	0.0	6,114	24,457	10,230
Neck pain, cervicalgia	30	0.0	0.0	632	21,070	10,603	26	0.0	0.0	850	32,680	10,062	56	0.0	0.0	1,482	26,460	10,369
Spinal vertebrae and intervertebral discs diseases, not elsewhere classified	12	0.0	0.0	n.p.	n.p.	n.p.	12	0.0	0.0	n.p.	n.p.	n.p.	24	0.0	0.0	729	30,381	17,759



Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
Spinal vertebrae and intervertebral discs diseases, unspecified	5	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	7	0.0	0.0	105	15,057	6,779
<b>Diseases involving the synovium and related tissue</b>	<b>37</b>	<b>0.0</b>	<b>0.0</b>	<b>929</b>	<b>25,120</b>	<b>16,177</b>	<b>60</b>	<b>0.0</b>	<b>0.0</b>	<b>1,394</b>	<b>23,239</b>	<b>16,340</b>	<b>97</b>	<b>0.0</b>	<b>0.0</b>	<b>2,324</b>	<b>23,957</b>	<b>16,254</b>
Synovitis and tenosynovitis	25	0.0	0.0	454	18,177	14,773	51	0.0	0.0	1,158	22,702	15,145	76	0.0	0.0	1,612	21,214	14,888
Ganglion, trigger finger, dupuytren's contracture	11	0.0	0.0	n.p.	n.p.	n.p.	7	0.0	0.0	n.p.	n.p.	n.p.	18	0.0	0.0	605	33,605	17,330
Diseases of synovium and related tissue, not elsewhere classified	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.
Diseases of synovium and related tissue, unspecified	1	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.
<b>Diseases of muscle, tendon and related tissue</b>	<b>318</b>	<b>0.2</b>	<b>0.1</b>	<b>8,539</b>	<b>26,853</b>	<b>17,123</b>	<b>237</b>	<b>0.1</b>	<b>0.1</b>	<b>5,587</b>	<b>23,574</b>	<b>14,316</b>	<b>555</b>	<b>0.2</b>	<b>0.1</b>	<b>14,126</b>	<b>25,453</b>	<b>15,707</b>
Tendinitis	110	0.1	0.0	3,399	30,897	23,291	77	0.0	0.0	1,745	22,661	15,739	187	0.1	0.0	5,144	27,506	18,726
Epicondylitis	54	0.0	0.0	1,467	27,173	19,329	46	0.0	0.0	1,365	29,664	21,990	100	0.0	0.0	2,832	28,319	20,827
Frozen shoulder (adhesive capsulitis)	5	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	7	0.0	0.0	403	57,585	41,140
Fasciitis	6	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.	9	0.0	0.0	189	21,055	11,064
Muscle/tendon strain (non traumatic)	139	0.1	0.0	3,172	22,818	14,480	109	0.1	0.0	2,250	20,639	10,244	248	0.1	0.0	5,421	21,860	12,787
Diseases of muscle, tendon and related tissue, not elsewhere classified	4	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	4	0.0	0.0	137	34,238	9,272
<b>Other soft tissue diseases</b>	<b>128</b>	<b>0.1</b>	<b>0.0</b>	<b>3,442</b>	<b>26,894</b>	<b>12,747</b>	<b>134</b>	<b>0.1</b>	<b>0.1</b>	<b>3,372</b>	<b>25,162</b>	<b>11,001</b>	<b>262</b>	<b>0.1</b>	<b>0.0</b>	<b>6,814</b>	<b>26,008</b>	<b>11,991</b>
Bursitis	67	0.0	0.0	2,028	30,271	14,216	66	0.0	0.0	1,485	22,504	10,749	133	0.0	0.0	3,513	26,417	11,759
Occupational overuse syndrome	35	0.0	0.0	1,006	28,744	14,407	41	0.0	0.0	1,421	34,649	14,613	76	0.0	0.0	2,427	31,930	14,510
Other specified soft tissue diseases, not elsewhere classified	26	0.0	0.0	408	15,703	10,706	27	0.0	0.0	466	17,251	10,080	53	0.0	0.0	874	16,492	10,348
<b>Other musculoskeletal and connective tissue diseases, not elsewhere classified</b>	<b>26</b>	<b>0.0</b>	<b>0.0</b>	<b>954</b>	<b>36,698</b>	<b>13,607</b>	<b>17</b>	<b>0.0</b>	<b>0.0</b>	<b>399</b>	<b>23,457</b>	<b>19,850</b>	<b>43</b>	<b>0.0</b>	<b>0.0</b>	<b>1,353</b>	<b>31,463</b>	<b>17,074</b>

Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
Osteopathies and chondroplasties	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Soft tissue diseases due to non-traumatic causes with insufficient information to code elsewhere	19	0.0	0.0	913	48,068	21,934	12	0.0	0.0	275	22,951	23,547	31	0.0	0.0	1,189	38,345	22,196
Musculoskeletal and connective tissue diseases, unspecified	6	0.0	0.0	n.p.	n.p.	n.p.	5	0.0	0.0	n.p.	n.p.	n.p.	11	0.0	0.0	n.p.	n.p.	n.p.
<b>Mental disorders</b>	<b>782</b>	<b>0.4</b>	<b>0.2</b>	<b>41,270</b>	<b>52,775</b>	<b>30,562</b>	<b>1,094</b>	<b>0.7</b>	<b>0.5</b>	<b>50,477</b>	<b>46,140</b>	<b>25,393</b>	<b>1,876</b>	<b>0.5</b>	<b>0.3</b>	<b>91,747</b>	<b>48,906</b>	<b>27,058</b>
Post-traumatic stress disorder	129	0.1	0.0	8,243	63,897	43,634	96	0.1	0.0	6,087	63,407	38,422	225	0.1	0.0	14,330	63,687	40,086
Anxiety/stress disorder	281	0.2	0.1	13,102	46,627	22,809	476	0.3	0.2	18,187	38,209	22,096	757	0.2	0.1	31,290	41,334	22,306
Depression	34	0.0	0.0	2,403	70,668	38,031	59	0.0	0.0	4,169	70,662	35,275	93	0.0	0.0	6,572	70,665	36,838
Anxiety/depression combined	106	0.1	0.0	6,167	58,182	31,692	209	0.1	0.1	11,582	55,415	32,253	315	0.1	0.1	17,749	56,346	31,732
Short term shock from exposure to disturbing circumstances	35	0.0	0.0	1,011	28,882	7,275	14	0.0	0.0	219	15,669	8,876	49	0.0	0.0	1,230	25,107	8,045
Reaction to stressors – other, multiple or not specified	164	0.1	0.0	9,145	55,761	34,322	208	0.1	0.1	9,016	43,347	22,595	372	0.1	0.1	18,161	48,820	26,349
Other mental diseases, not elsewhere classified	8	0.0	0.0	363	45,410	41,032	16	0.0	0.0	693	43,286	26,663	24	0.0	0.0	1,056	43,994	30,884
Mental diseases unspecified	25	0.0	0.0	837	33,464	15,659	16	0.0	0.0	523	32,716	22,577	41	0.0	0.0	1,360	33,172	18,644
<b>Digestive system diseases</b>	<b>489</b>	<b>0.3</b>	<b>0.1</b>	<b>10,741</b>	<b>21,966</b>	<b>17,230</b>	<b>27</b>	<b>0.0</b>	<b>0.0</b>	<b>514</b>	<b>19,035</b>	<b>15,762</b>	<b>516</b>	<b>0.2</b>	<b>0.1</b>	<b>11,255</b>	<b>21,813</b>	<b>17,160</b>
Hernias	486	0.3	0.1	10,720	22,058	17,292	27	0.0	0.0	514	19,035	15,762	513	0.1	0.1	11,234	21,899	17,230
Ulcers and gastritis	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Diseases of the digestive system, unspecified	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.
<b>Skin and subcutaneous tissue diseases</b>	<b>60</b>	<b>0.0</b>	<b>0.0</b>	<b>837</b>	<b>13,956</b>	<b>10,191</b>	<b>32</b>	<b>0.0</b>	<b>0.0</b>	<b>349</b>	<b>10,916</b>	<b>8,121</b>	<b>92</b>	<b>0.0</b>	<b>0.0</b>	<b>1,187</b>	<b>12,899</b>	<b>9,377</b>
Contact dermatitis	13	0.0	0.0	307	23,624	11,462	9	0.0	0.0	77	8,550	5,116	22	0.0	0.0	384	17,457	7,818

Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
Other and unspecified dermatitis or eczema	3	0.0	0.0	n.p.	n.p.	n.p.	7	0.0	0.0	n.p.	n.p.	n.p.	10	0.0	0.0	67	6,667	7,676
Other diseases of skin and subcutaneous tissue, not elsewhere classified	41	0.0	0.0	470	11,460	10,017	14	0.0	0.0	220	15,692	13,787	55	0.0	0.0	690	12,537	10,798
Diseases of skin and subcutaneous tissue, unspecified	3	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	5	0.0	0.0	46	9,281	2,606
<b>Nervous system and sense organ diseases</b>	<b>1,863</b>	<b>1.0</b>	<b>0.6</b>	<b>29,545</b>	<b>15,859</b>	<b>11,254</b>	<b>171</b>	<b>0.1</b>	<b>0.1</b>	<b>3,715</b>	<b>21,722</b>	<b>15,876</b>	<b>2,034</b>	<b>0.6</b>	<b>0.4</b>	<b>33,259</b>	<b>16,352</b>	<b>11,698</b>
Diseases of the brain, spinal cord and peripheral nervous system	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Diseases of nerve roots, plexuses and single nerves	15	0.0	0.0	471	31,411	17,976	12	0.0	0.0	400	33,313	20,279	27	0.0	0.0	871	32,256	17,976
Carpal tunnel syndrome	57	0.0	0.0	1,886	33,088	17,922	64	0.0	0.0	1,810	28,285	17,657	121	0.0	0.0	3,696	30,548	17,922
Diseases of the conjunctiva and cornea	7	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.	10	0.0	0.0	63	6,338	2,670
Other diseases of the eye	6	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	6	0.0	0.0	n.p.	n.p.	n.p.
Deafness	1,711	1.0	0.5	25,864	15,116	10,690	80	0.0	0.0	1,203	15,032	11,348	1,791	0.5	0.3	27,066	15,112	10,696
Other diseases of the ear and mastoid process	66	0.0	0.0	1,204	18,249	15,051	12	0.0	0.0	295	24,593	17,015	78	0.0	0.0	1,500	19,225	15,081
<b>Respiratory system diseases</b>	<b>33</b>	<b>0.0</b>	<b>0.0</b>	<b>4,564</b>	<b>138,301</b>	<b>39,689</b>	<b>19</b>	<b>0.0</b>	<b>0.0</b>	<b>827</b>	<b>43,547</b>	<b>22,820</b>	<b>52</b>	<b>0.0</b>	<b>0.0</b>	<b>5,391</b>	<b>103,679</b>	<b>25,472</b>
Asthma	3	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	4	0.0	0.0	400	99,946	21,243
Asbestosis	16	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	17	0.0	0.0	3,052	179,558	108,979
Silicosis	3	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	3	0.0	0.0	n.p.	n.p.	n.p.
Other respiratory conditions due to substances	2	0.0	0.0	n.p.	n.p.	n.p.	4	0.0	0.0	n.p.	n.p.	n.p.	6	0.0	0.0	54	9,020	2,482
Other diseases of the respiratory system, not elsewhere classified	7	0.0	0.0	181	25,888	12,265	13	0.0	0.0	402	30,954	22,820	20	0.0	0.0	584	29,181	18,912
Other diseases of the respiratory system, unspecified	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.

Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
<b>Circulatory system diseases</b>	<b>33</b>	<b>0.0</b>	<b>0.0</b>	<b>7,094</b>	<b>214,979</b>	<b>14,125</b>	<b>9</b>	<b>0.0</b>	<b>0.0</b>	<b>1,138</b>	<b>126,390</b>	<b>9,474</b>	<b>42</b>	<b>0.0</b>	<b>0.0</b>	<b>8,232</b>	<b>195,995</b>	<b>12,406</b>
Ischaemic heart disease	14	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	15	0.0	0.0	5,750	383,359	128,887
Other heart disease excluding ischaemic heart disease	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.
Venous thromboembolism	7	0.0	0.0	129	18,420	15,011	5	0.0	0.0	1,107	221,419	11,850	12	0.0	0.0	1,236	103,003	13,430
Venous disease, not elsewhere classified	2	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	4	0.0	0.0	14	3,503	2,192
Other diseases of the circulatory system, not elsewhere classified	7	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	8	0.0	0.0	135	16,872	13,543
Other diseases of the circulatory system, unspecified	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
<b>Infectious and parasitic diseases</b>	<b>41</b>	<b>0.0</b>	<b>0.0</b>	<b>1,287</b>	<b>31,390</b>	<b>8,914</b>	<b>24</b>	<b>0.0</b>	<b>0.0</b>	<b>348</b>	<b>14,505</b>	<b>3,627</b>	<b>65</b>	<b>0.0</b>	<b>0.0</b>	<b>1,635</b>	<b>25,156</b>	<b>4,124</b>
Intestinal infectious diseases	2	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.
Q-fever	15	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.	18	0.0	0.0	415	23,049	6,081
Leptospirosis	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Hepatitis A	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Viral hepatitis, not elsewhere classified or unspecified	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.
Viral diseases, not classified elsewhere	3	0.0	0.0	n.p.	n.p.	n.p.	2	0.0	0.0	n.p.	n.p.	n.p.	5	0.0	0.0	279	55,856	4,266
Fungal conditions (mycoses)	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
Bird flu/avian flu/avian influenza	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.
Infectious and parasitic diseases, not elsewhere classified	10	0.0	0.0	433	43,300	11,485	13	0.0	0.0	248	19,091	2,026	23	0.0	0.0	681	29,617	3,816
Infectious and parasitic diseases, unspecified	8	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.	11	0.0	0.0	83	7,539	4,124

Nature of disease	Males						Females						Persons					
	Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)			Total	Inc. (a)	Freq. rate (b)	Gross incurred cost (GIC)		
				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$				Total \$'000	Average \$	Median \$
<b>Neoplasms (cancer)</b>	<b>58</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>59</b>	<b>0.0</b>	<b>0.0</b>	<b>13,309</b>	<b>225,584</b>	<b>90,002</b>
Malignant neoplasm of mesothelium (mesothelioma)	33	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	34	0.0	0.0	12,768	375,525	279,147
Other malignant neoplasm of skin	8	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	8	0.0	0.0	97	12,148	8,977
Malignant neoplasm of lymphatic and haematopoietic tissue	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.
Carcinoma in situ of skin	12	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	12	0.0	0.0	196	16,370	6,999
Other malignant neoplasms and carcinomas	2	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	2	0.0	0.0	n.p.	n.p.	n.p.
Benign neoplasm of skin	1	0.0	0.0	n.p.	n.p.	n.p.	0	0.0	0.0	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.
<b>Other diseases</b>	<b>13</b>	<b>0.0</b>	<b>0.0</b>	<b>279</b>	<b>21,491</b>	<b>15,058</b>	<b>16</b>	<b>0.0</b>	<b>0.0</b>	<b>961</b>	<b>60,063</b>	<b>12,499</b>	<b>29</b>	<b>0.0</b>	<b>0.0</b>	<b>1,240</b>	<b>42,772</b>	<b>15,058</b>
Other diseases, not elsewhere classified	11	0.0	0.0	n.p.	n.p.	n.p.	15	0.0	0.0	n.p.	n.p.	n.p.	26	0.0	0.0	n.p.	n.p.	n.p.
Unspecified diseases	2	0.0	0.0	n.p.	n.p.	n.p.	1	0.0	0.0	n.p.	n.p.	n.p.	3	0.0	0.0	n.p.	n.p.	n.p.
<b>Total</b>	<b>4,376</b>	<b>2.5</b>	<b>1.3</b>	<b>145,369</b>	<b>33,220</b>	<b>16,015</b>	<b>2,164</b>	<b>1.3</b>	<b>0.9</b>	<b>79,355</b>	<b>36,671</b>	<b>18,788</b>	<b>6,540</b>	<b>1.9</b>	<b>1.1</b>	<b>224,724</b>	<b>34,361</b>	<b>16,890</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

n.p. Not published

Table 4.6 – Major occupational diseases

Nature of diseases: Number, incidence by industry (selected diseases): 2015/16

Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Persons															
<b>Agriculture, forestry and fishing</b>	<b>8</b>	<b>0.2</b>	<b>0.1</b>	<b>5</b>	<b>0.1</b>	<b>0.0</b>	<b>13</b>	<b>0.2</b>	<b>0.1</b>	<b>26</b>	<b>0.5</b>	<b>0.3</b>	<b>111</b>	<b>2.1</b>	<b>1.1</b>
Agriculture	8	0.2	0.1	5	0.1	0.1	11	0.2	0.1	23	0.5	0.2	89	1.9	1.0
Aquaculture	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	1	1.6*	1.1*
Forestry and logging	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	1	2.0	1.0*	3	6.1*	2.9*
Agriculture, forestry and fishing support services	0	0.0*	0.0*	0	0.0*	0.0*	2	0.4*	0.2*	2	0.4*	0.2*	18	3.3*	2.0*
<b>Mining</b>	<b>7</b>	<b>0.2</b>	<b>0.1</b>	<b>2</b>	<b>0.1</b>	<b>0.0</b>	<b>5</b>	<b>0.1</b>	<b>0.1</b>	<b>185</b>	<b>5.1</b>	<b>2.4</b>	<b>233</b>	<b>6.5</b>	<b>3.0</b>
Coal mining	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0	161	7.6	3.7	194	9.2	4.4
Oil and gas extraction	0	0.0*	0.0*	0	0.0*	0.0*	1	0.3*	0.1*	1	0.3*	0.1*	3	1.0*	0.4*
Metal ore mining	2	0.6*	0.3*	0	0.0*	0.0*	0	0.0*	0.0*	6	1.9*	0.8*	10	3.2*	1.4*
Non-metallic mineral mining and quarrying	2	1.5*	0.6*	1	0.8*	0.3*	3	2.3*	0.9*	12	9.0*	3.6*	19	14.3*	5.7*
Exploration and other mining support services	2	0.3*	0.1*	0	0.0*	0.0*	0	0.0*	0.0*	5	0.7*	0.3*	7	1.0*	0.4*
<b>Manufacturing</b>	<b>99</b>	<b>0.4</b>	<b>0.2</b>	<b>12</b>	<b>0.0</b>	<b>0.0</b>	<b>118</b>	<b>0.5</b>	<b>0.3</b>	<b>498</b>	<b>2.1</b>	<b>1.1</b>	<b>1,036</b>	<b>4.3</b>	<b>2.3</b>
Food product manufacturing	21	0.3	0.2	2	0.0	0.0	20	0.3	0.2	60	0.9	0.5	185	2.9	1.7
Beverage and tobacco product manufacturing	3	0.4*	0.2*	0	0.0*	0.0*	2	0.3*	0.1*	5	0.7*	0.4*	16	2.2*	1.2*
Textile, leather, clothing and footwear manufacturing	0	0.0*	0.0*	1	0.1*	0.1*	0	0.0*	0.0*	15	2.0*	1.1*	19	2.5*	1.4*
Wood product manufacturing	1	0.1	0.0*	0	0.0	0.0*	10	0.8	0.4*	29	2.3	1.1*	61	4.8	2.3*
Pulp, paper and converted paper product manufacturing	1	0.2*	0.1*	0	0.0*	0.0*	5	1.2*	0.6*	6	1.4*	0.7*	19	4.6*	2.3*

Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Printing (including the reproduction of recorded media)	4	0.3	0.2*	0	0.0	0.0*	5	0.4	0.2*	17	1.2	0.7*	39	2.8	1.5*
Basic chemical and chemical product manufacturing	7	0.4	0.2*	2	0.1	0.1*	6	0.4	0.2*	14	0.9	0.5*	38	2.4	1.3*
Polymer product and rubber product manufacturing	1	0.1	0.1*	1	0.1	0.1*	2	0.2	0.1*	14	1.5	0.8*	23	2.5	1.3*
Non-metallic mineral product manufacturing	6	0.7*	0.3*	1	0.1*	0.1*	9	1.1*	0.5*	47	5.6*	2.6*	83	9.9*	4.5*
Primary metal and metal product manufacturing	4	0.2	0.1	1	0.1	0.0	7	0.4	0.2	80	4.2	2.2	114	6.0	3.1
Fabricated metal product manufacturing	11	0.8	0.4*	1	0.1	0.0*	17	1.2	0.6*	76	5.3	2.7*	140	9.8	5.0*
Transport equipment manufacturing	9	0.7	0.4*	0	0.0	0.0*	9	0.7	0.4*	39	3.1	1.6*	81	6.4	3.4*
Machinery and equipment manufacturing	15	0.4	0.2	3	0.1	0.0	22	0.6	0.3	73	2.1	1.0	163	4.6	2.3
Furniture and other manufacturing	16	1.2	0.6*	0	0.0	0.0*	4	0.3	0.2*	23	1.7	0.9*	55	4.2	2.1*
<b>Electricity, gas, water and waste services</b>	<b>7</b>	<b>0.2</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>9</b>	<b>0.2</b>	<b>0.1</b>	<b>59</b>	<b>1.4</b>	<b>0.7</b>	<b>94</b>	<b>2.2</b>	<b>1.2</b>
Electricity supply	1	0.0	0.0	1	0.0	0.0	3	0.1	0.1	43	2.0	1.0	53	2.5	1.3
Gas supply	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	1	0.3*	0.1*
Water supply, sewerage and drainage services	2	0.3*	0.2*	0	0.0*	0.0*	2	0.3*	0.2*	4	0.6*	0.3*	8	1.2*	0.7*
Waste collection, treatment and disposal services	4	0.4	0.2*	0	0.0	0.0*	4	0.4	0.2*	12	1.2	0.7*	32	3.2	1.7*
<b>Construction</b>	<b>38</b>	<b>0.2</b>	<b>0.1</b>	<b>11</b>	<b>0.0</b>	<b>0.0</b>	<b>74</b>	<b>0.3</b>	<b>0.2</b>	<b>294</b>	<b>1.3</b>	<b>0.6</b>	<b>615</b>	<b>2.6</b>	<b>1.3</b>
Building construction	13	0.2	0.1	5	0.1	0.0	20	0.3	0.1	67	0.9	0.5	154	2.1	1.0
Heavy and civil engineering construction	10	0.4	0.2	1	0.0	0.0	11	0.5	0.2	83	3.7	1.7	128	5.7	2.6
Construction services	15	0.1	0.1	5	0.0	0.0	43	0.3	0.2	144	1.1	0.5	333	2.4	1.2
<b>Wholesale trade</b>	<b>49</b>	<b>0.4</b>	<b>0.2</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>36</b>	<b>0.3</b>	<b>0.2</b>	<b>68</b>	<b>0.5</b>	<b>0.3</b>	<b>247</b>	<b>2.0</b>	<b>1.0</b>

Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Basic material wholesaling	6	0.2	0.1	0	0.0	0.0	7	0.2	0.1	28	0.9	0.5	58	1.8	1.0
Machinery and equipment wholesaling	15	0.4	0.2	0	0.0	0.0	7	0.2	0.1	19	0.6	0.3	65	1.9	1.0
Motor vehicle and motor vehicle parts wholesaling	4	0.8*	0.4	0	0.0*	0.0	5	1.0*	0.5	7	1.5*	0.7*	21	4.4*	2.2
Grocery, liquor and tobacco product wholesaling	5	0.2	0.1	1	0.0	0.0	9	0.4	0.2	5	0.2	0.1	44	1.7	0.9
Other goods wholesaling	19	0.7	0.4	0	0.0	0.0	8	0.3	0.2	8	0.3	0.2	58	2.1	1.2
Commission-based wholesaling	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	1	0.5*	0.2*	1	0.5*	0.2*
<b>Retail trade</b>	<b>95</b>	<b>0.2</b>	<b>0.2</b>	<b>4</b>	<b>0.0</b>	<b>0.0</b>	<b>62</b>	<b>0.2</b>	<b>0.1</b>	<b>44</b>	<b>0.1</b>	<b>0.1</b>	<b>454</b>	<b>1.2</b>	<b>0.8</b>
Motor vehicle and motor vehicle parts retailing	13	0.3	0.2*	0	0.0	0.0*	9	0.2	0.1*	7	0.2	0.1*	37	1.0	0.5*
Fuel retailing	5	0.4	0.3*	0	0.0	0.0*	0	0.0	0.0*	1	0.1	0.1*	10	0.9	0.5*
Food retailing	26	0.2	0.2	2	0.0	0.0	28	0.2	0.2	10	0.1	0.1	193	1.6	1.3
Other store-based retailing	49	0.2	0.2	2	0.0	0.0	24	0.1	0.1	25	0.1	0.1	209	1.0	0.7
Non-store retailing and retail commission-based buying and/or selling	2	0.5*	0.3*	0	0.0*	0.0*	1	0.2*	0.1*	1	0.2*	0.1*	5	1.2*	0.7
<b>Accommodation and food services</b>	<b>67</b>	<b>0.2</b>	<b>0.2</b>	<b>4</b>	<b>0.0</b>	<b>0.0</b>	<b>18</b>	<b>0.1</b>	<b>0.1</b>	<b>32</b>	<b>0.1</b>	<b>0.1</b>	<b>223</b>	<b>0.8</b>	<b>0.7</b>
Accommodation	11	0.3	0.2	0	0.0	0.0	3	0.1	0.1	2	0.1	0.0	39	1.2	0.8
Food and beverage services	56	0.2	0.2	4	0.0	0.0	15	0.1	0.1	30	0.1	0.1	184	0.8	0.6
<b>Transport, postal and warehousing</b>	<b>104</b>	<b>0.7</b>	<b>0.4</b>	<b>6</b>	<b>0.0</b>	<b>0.0</b>	<b>65</b>	<b>0.4</b>	<b>0.2</b>	<b>174</b>	<b>1.1</b>	<b>0.6</b>	<b>541</b>	<b>3.4</b>	<b>1.9</b>
Road transport	34	0.5	0.3	4	0.1	0.0	27	0.4	0.2	50	0.8	0.4	195	3.0	1.5
Rail transport	35	2.7	1.4*	1	0.1	0.0*	2	0.2	0.1*	43	3.4	1.7*	109	8.5	4.3*
Water transport	0	0.0*	0.0*	0	0.0*	0.0*	1	1.6*	0.7*	1	1.6*	0.7*	4	6.3*	2.7*
Air and space transport	1	0.1	0.0*	0	0.0	0.0*	8	0.6	0.4*	42	3.0	1.8*	66	4.7	2.9*



Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Other transport	3	2.7*	1.6*	0	0.0*	0.0*	0	0.0*	0.0*	4	3.6*	2.2*	11	9.9*	6.0*
Postal and courier pick-up and delivery services	6	0.2	0.1	0	0.0	0.0	6	0.2	0.1	1	0.0	0.0	28	1.1	0.6
Transport support services	20	1.1	0.6	1	0.1	0.0	14	0.8	0.4	30	1.7	0.9	101	5.6	2.9
Warehousing and storage services	5	0.2	0.1	0	0.0	0.0	7	0.3	0.2	3	0.1	0.1	27	1.3	0.8
<b>Information media and telecommunications</b>	<b>13</b>	<b>0.2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>4</b>	<b>0.1</b>	<b>0.0</b>	<b>8</b>	<b>0.1</b>	<b>0.1</b>	<b>45</b>	<b>0.8</b>	<b>0.4</b>
Publishing (except internet and music publishing)	3	0.3	0.2*	0	0.0	0.0*	0	0.0	0.0*	6	0.5	0.3*	11	1.0	0.6*
Motion picture and sound recording activities	1	0.1	0.1*	0	0.0	0.0*	0	0.0	0.0*	0	0.0	0.0*	8	0.9	0.5*
Broadcasting (except internet)	2	0.2	0.1*	0	0.0	0.0*	0	0.0	0.0*	1	0.1	0.0*	5	0.5	0.2*
Telecommunications services	3	0.1	0.1	0	0.0	0.0	3	0.1	0.1	1	0.0	0.0	12	0.6	0.3
Internet service providers, web search portals and data processing services	1	0.3*	0.2*	0	0.0*	0.0*	1	0.3*	0.2*	0	0.0*	0.0*	2	0.6*	0.3*
Library and other information services	3	1.5*	1.3*	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	7	3.4*	3.0*
<b>Financial and insurance services</b>	<b>34</b>	<b>0.2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>8</b>	<b>0.1</b>	<b>0.0</b>	<b>71</b>	<b>0.5</b>	<b>0.3</b>
Finance	20	0.3	0.1	0	0.0	0.0	1	0.0	0.0	2	0.0	0.0	40	0.5	0.3
Insurance and superannuation funds	5	0.2	0.1	0	0.0	0.0	0	0.0	0.0	1	0.0	0.0	15	0.5	0.3
Auxiliary finance and insurance services	9	0.2	0.1	0	0.0	0.0	0	0.0	0.0	5	0.1	0.1	16	0.4	0.2
<b>Rental, hiring and real estate services</b>	<b>16</b>	<b>0.2</b>	<b>0.1</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>4</b>	<b>0.1</b>	<b>0.0</b>	<b>11</b>	<b>0.2</b>	<b>0.1</b>	<b>42</b>	<b>0.6</b>	<b>0.3</b>
Rental and hiring services (except real estate)	3	0.4*	0.2*	1	0.1*	0.1*	2	0.2*	0.1*	9	1.1*	0.6*	22	2.7*	1.5*
Property operators and real estate services	13	0.2	0.1	0	0.0	0.0	2	0.0	0.0	2	0.0	0.0	20	0.3	0.2
<b>Professional, scientific and technical services</b>	<b>54</b>	<b>0.2</b>	<b>0.1</b>	<b>2</b>	<b>0.0</b>	<b>0.0</b>	<b>8</b>	<b>0.0</b>	<b>0.0</b>	<b>57</b>	<b>0.2</b>	<b>0.1</b>	<b>169</b>	<b>0.5</b>	<b>0.3</b>
Professional, scientific and technical services (except computer system design and related services)	48	0.2	0.1	2	0.0	0.0	7	0.0	0.0	53	0.2	0.1	156	0.6	0.3

Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Computer system design and related services	6	0.1	0.0	0	0.0	0.0	1	0.0	0.0	4	0.1	0.0	13	0.2	0.1
<b>Administrative and support services</b>	<b>38</b>	<b>0.2</b>	<b>0.1</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>19</b>	<b>0.1</b>	<b>0.1</b>	<b>36</b>	<b>0.2</b>	<b>0.1</b>	<b>159</b>	<b>1.0</b>	<b>0.6</b>
Administrative services	29	0.3	0.2	0	0.0	0.0	8	0.1	0.0	15	0.1	0.1	88	0.8	0.5
Building cleaning, pest control and other support services	9	0.2	0.1	0	0.0	0.0	11	0.2	0.2	21	0.5	0.3	71	1.5	1.1
<b>Public administration and safety</b>	<b>432</b>	<b>2.6</b>	<b>1.5</b>	<b>7</b>	<b>0.0</b>	<b>0.0</b>	<b>23</b>	<b>0.1</b>	<b>0.1</b>	<b>138</b>	<b>0.8</b>	<b>0.5</b>	<b>749</b>	<b>4.5</b>	<b>2.7</b>
Public administration	95	0.8	0.5	5	0.0	0.0	17	0.1	0.1	100	0.9	0.5	320	2.8	1.7
Public order, safety and regulatory services and defence	337	6.4	3.6	2	0.0	0.0	6	0.1	0.1	38	0.7	0.4	429	8.2	4.6
<b>Education and training</b>	<b>371</b>	<b>1.2</b>	<b>0.8</b>	<b>6</b>	<b>0.0</b>	<b>0.0</b>	<b>7</b>	<b>0.0</b>	<b>0.0</b>	<b>24</b>	<b>0.1</b>	<b>0.1</b>	<b>577</b>	<b>1.9</b>	<b>1.2</b>
Preschool and school education	303	1.7	1.1	5	0.0	0.0	4	0.0	0.0	9	0.1	0.0	444	2.6	1.6
Tertiary education	47	0.6	0.4	1	0.0	0.0	3	0.0	0.0	15	0.2	0.1	105	1.3	0.9
Adult, community and other education	21	0.4	0.3	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	28	0.5	0.4
<b>Health care and social assistance</b>	<b>376</b>	<b>0.8</b>	<b>0.5</b>	<b>19</b>	<b>0.0</b>	<b>0.0</b>	<b>27</b>	<b>0.1</b>	<b>0.0</b>	<b>46</b>	<b>0.1</b>	<b>0.1</b>	<b>899</b>	<b>1.9</b>	<b>1.3</b>
Hospitals	98	0.8	0.5	12	0.1	0.1	12	0.1	0.1	22	0.2	0.1	348	2.8	1.8
Medical and other health care services	110	0.8	0.5	1	0.0	0.0	9	0.1	0.0	12	0.1	0.1	203	1.4	0.9
Residential care services	137	1.8	1.3	5	0.1	0.0	5	0.1	0.0	10	0.1	0.1	284	3.7	2.6
Social assistance services	31	0.2	0.2	1	0.0	0.0	1	0.0	0.0	2	0.0	0.0	64	0.5	0.3
<b>Arts and recreation services</b>	<b>17</b>	<b>0.3</b>	<b>0.2</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>5</b>	<b>0.1</b>	<b>0.1</b>	<b>7</b>	<b>0.1</b>	<b>0.1</b>	<b>64</b>	<b>1.0</b>	<b>0.7</b>
Heritage activities	2	0.2	0.1*	0	0.0	0.0*	3	0.3	0.2*	2	0.2	0.1*	20	1.8	1.1*
Creative and performing arts activities	0	0.0*	0.0*	0	0.0*	0.0	0	0.0*	0.0	1	0.1*	0.1	9	1.2*	0.7
Sports and recreation activities	14	0.4	0.3	0	0.0	0.0	2	0.1	0.0	4	0.1	0.1	34	0.9	0.7
Gambling activities	1	0.1*	0.1*	0	0.0*	0.0*	0	0.0*	0.0*	0	0.0*	0.0*	1	0.1*	0.1*

Industry	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
<b>Other services</b>	<b>51</b>	<b>0.4</b>	<b>0.3</b>	<b>11</b>	<b>0.1</b>	<b>0.1</b>	<b>15</b>	<b>0.1</b>	<b>0.1</b>	<b>76</b>	<b>0.7</b>	<b>0.4</b>	<b>210</b>	<b>1.8</b>	<b>1.0</b>
Repair and maintenance	11	0.2	0.1	6	0.1	0.1	10	0.2*	0.1	55	0.9*	0.5	101	1.7*	0.9
Personal and other services	39	0.7	0.5	5	0.1	0.1	5	0.1*	0.1	19	0.3*	0.2	106	1.9*	1.2
Private households employing staff and undifferentiated goods- and service-producing activities of households for own use	1	0.4*	0.4*	0	0.0*	0.0*	0	0.0*	0.0*	2	0.8*	0.8*	3	1.2*	1.1*
<b>Not stated and other</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>1</b>	<b>n.a.</b>	<b>n.a.</b>
<b>Total</b>	<b>1,876</b>	<b>0.5</b>	<b>0.3</b>	<b>92</b>	<b>0.0</b>	<b>0.0</b>	<b>513</b>	<b>0.1</b>	<b>0.1</b>	<b>1,791</b>	<b>0.5</b>	<b>0.3</b>	<b>6,540</b>	<b>1.9</b>	<b>1.1</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

n.a. Not applicable

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

Table 4.7 – Major occupational diseases

Nature of diseases: Number and incidence by occupation (selected diseases): 2015/16

Occupation	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Persons															
<b>Managers</b>	<b>159</b>	<b>0.4</b>	<b>0.2</b>	<b>5</b>	<b>0.0</b>	<b>0.0</b>	<b>41</b>	<b>0.1</b>	<b>0.0</b>	<b>78</b>	<b>0.2</b>	<b>0.1</b>	<b>405</b>	<b>0.9</b>	<b>0.4</b>
Chief executives, general managers and legislators	32	0.8	0.3	1	0.0	0.0	8	0.2	0.1	17	0.4	0.2	88	2.1	0.9
Farmers and farm managers	1	0.1	0.0	1	0.1	0.0	4	0.3	0.1	2	0.1	0.1	14	0.9	0.4
Specialist managers	92	0.4	0.2	3	0.0	0.0	15	0.1	0.0	54	0.2	0.1	217	1.0	0.5
Hospitality, retail and service managers	34	0.2	0.1	0	0.0	0.0	14	0.1	0.0	5	0.0	0.0	86	0.5	0.3
<b>Professionals</b>	<b>503</b>	<b>0.6</b>	<b>0.3</b>	<b>15</b>	<b>0.0</b>	<b>0.0</b>	<b>33</b>	<b>0.0</b>	<b>0.0</b>	<b>94</b>	<b>0.1</b>	<b>0.1</b>	<b>967</b>	<b>1.1</b>	<b>0.6</b>
Arts and media professionals	4	0.1	0.1	0	0.0	0.0	1	0.0	0.0	7	0.2	0.2	23	0.8	0.5
Business, human resource and marketing professionals	84	0.4	0.2	1	0.0	0.0	11	0.1	0.0	14	0.1	0.0	163	0.8	0.4
Design, engineering, science and transport professionals	11	0.1	0.1	1	0.0	0.0	16	0.2	0.1	66	0.6	0.3	142	1.4	0.7
Education professionals	261	1.4	0.9	3	0.0	0.0	2	0.0	0.0	5	0.0	0.0	356	1.9	1.2
Health professionals	78	0.4	0.3	10	0.1	0.0	1	0.0	0.0	2	0.0	0.0	192	1.1	0.7
ICT professionals	6	0.1	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	16	0.2	0.1
Legal, social and welfare professionals	59	0.9	0.5	0	0.0	0.0	2	0.0	0.0	0	0.0	0.0	75	1.2	0.7
<b>Technicians and trades workers</b>	<b>70</b>	<b>0.2</b>	<b>0.1</b>	<b>21</b>	<b>0.1</b>	<b>0.0</b>	<b>110</b>	<b>0.3</b>	<b>0.1</b>	<b>366</b>	<b>0.9</b>	<b>0.5</b>	<b>868</b>	<b>2.2</b>	<b>1.1</b>
Engineering, ICT and science technicians	12	0.2	0.1	1	0.0	0.0	7	0.1	0.1	27	0.4	0.2	65	1.0	0.5
Automotive and engineering trades workers	13	0.2	0.1	1	0.0	0.0	21	0.3	0.1	158	1.9	0.9	257	3.1	1.5
Construction trades workers	4	0.1	0.0	8	0.1	0.1	34	0.4	0.2	68	0.9	0.4	181	2.4	1.1

Occupation	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Electrotechnology and telecommunications trades workers	3	0.0	0.0	2	0.0	0.0	14	0.2	0.1	56	0.9	0.5	94	1.6	0.8
Food trades workers	14	0.3	0.2	4	0.1	0.0	6	0.1	0.1	7	0.1	0.1	75	1.5	0.9
Skilled animal and horticultural workers	5	0.2	0.1	3	0.1	0.1	5	0.2	0.1	10	0.4	0.2	64	2.4	1.4
Other technicians and trades workers	19	0.5	0.3	2	0.1	0.0	23	0.6	0.3	40	1.0	0.6	132	3.4	2.0
<b>Community and personal service workers</b>	<b>617</b>	<b>1.6</b>	<b>1.2</b>	<b>10</b>	<b>0.0</b>	<b>0.0</b>	<b>26</b>	<b>0.1</b>	<b>0.1</b>	<b>68</b>	<b>0.2</b>	<b>0.1</b>	<b>1,048</b>	<b>2.8</b>	<b>2.1</b>
Health and welfare support workers	103	2.5	1.6	0	0.0	0.0	5	0.1	0.1	10	0.2	0.2	173	4.3	2.7
Carers and aides	143	1.0	0.7	7	0.0	0.0	7	0.0	0.0	4	0.0	0.0	322	2.2	1.6
Hospitality workers	34	0.3	0.3	1	0.0	0.0	5	0.1	0.0	7	0.1	0.1	90	0.9	0.8
Protective service workers	321	8.6	5.0	0	0.0	0.0	3	0.1	0.0	42	1.1	0.7	414	11.1	6.4
Sports and personal service workers	16	0.3	0.2	2	0.0	0.0	6	0.1	0.1	5	0.1	0.1	49	0.9	0.8
<b>Clerical and administrative workers</b>	<b>208</b>	<b>0.4</b>	<b>0.3</b>	<b>5</b>	<b>0.0</b>	<b>0.0</b>	<b>10</b>	<b>0.0</b>	<b>0.0</b>	<b>32</b>	<b>0.1</b>	<b>0.0</b>	<b>383</b>	<b>0.8</b>	<b>0.5</b>
Office managers and program administrators	27	0.3	0.2	0	0.0	0.0	0	0.0	0.0	5	0.1	0.0	38	0.5	0.3
Personal assistants and secretaries	3	0.1	0.1	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	7	0.2	0.1
General clerical workers	13	0.1	0.1	1	0.0	0.0	0	0.0	0.0	1	0.0	0.0	24	0.3	0.2
Inquiry clerks and receptionists	21	0.2	0.2	0	0.0	0.0	2	0.0	0.0	3	0.0	0.0	40	0.4	0.3
Numerical clerks	24	0.2	0.2	0	0.0	0.0	0	0.0	0.0	1	0.0	0.0	42	0.4	0.3
Clerical and office support workers	18	0.7	0.4	0	0.0	0.0	3	0.1	0.1	4	0.1	0.1	42	1.5	1.0
Other clerical and administrative workers	102	1.4	0.8	4	0.1	0.0	5	0.1	0.0	18	0.2	0.1	190	2.6	1.5
<b>Sales workers</b>	<b>85</b>	<b>0.2</b>	<b>0.2</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>23</b>	<b>0.1</b>	<b>0.0</b>	<b>13</b>	<b>0.0</b>	<b>0.0</b>	<b>241</b>	<b>0.7</b>	<b>0.5</b>
Sales representatives and agents	16	0.2	0.1	1	0.0	0.0	0	0.0	0.0	1	0.0	0.0	36	0.6	0.3
Sales assistants and salespersons	56	0.2	0.2	0	0.0	0.0	23	0.1	0.1	10	0.0	0.0	161	0.7	0.6

Occupation	Mental diseases			Skin diseases			Hernia			Deafness			All diseases		
	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)	Total	Inc. (a)	Freq. rate (b)
Sales support workers	13	0.2	0.2	0	0.0	0.0	0	0.0	0.0	2	0.0	0.0	44	0.8	0.8
<b>Machinery operators and drivers</b>	<b>103</b>	<b>0.5</b>	<b>0.3</b>	<b>10</b>	<b>0.1</b>	<b>0.0</b>	<b>122</b>	<b>0.6</b>	<b>0.3</b>	<b>523</b>	<b>2.7</b>	<b>1.4</b>	<b>1,125</b>	<b>5.7</b>	<b>3.0</b>
Machine and stationary plant operators	12	0.3	0.2	5	0.1	0.1	23	0.6	0.3	254	6.7	3.3	370	9.7	4.9
Mobile plant operators	3	0.1	0.0	0	0.0	0.0	11	0.3	0.2	127	3.8	1.9	193	5.8	2.9
Road and rail drivers	69	0.8	0.4	5	0.1	0.0	54	0.6	0.3	117	1.4	0.7	387	4.5	2.4
Storepersons	19	0.5	0.3	0	0.0	0.0	34	0.9	0.5	25	0.6	0.4	175	4.5	2.8
<b>Labourers</b>	<b>129</b>	<b>0.4</b>	<b>0.3</b>	<b>25</b>	<b>0.1</b>	<b>0.1</b>	<b>148</b>	<b>0.5</b>	<b>0.3</b>	<b>616</b>	<b>2.1</b>	<b>1.4</b>	<b>1,488</b>	<b>5.0</b>	<b>3.4</b>
Cleaners and laundry workers	9	0.1	0.1	2	0.0	0.0	12	0.2	0.1	34	0.5	0.4	138	2.0	1.7
Construction and mining labourers	9	0.2	0.1	2	0.0	0.0	15	0.4	0.2	97	2.4	1.2	181	4.5	2.2
Factory process workers	17	0.3	0.2	6	0.1	0.1	32	0.6	0.3	72	1.3	0.7	228	4.0	2.4
Farm, forestry and garden workers	8	0.3	0.2	1	0.0	0.0	8	0.3	0.2	15	0.5	0.3	79	2.7	1.5
Food preparation assistants	3	0.1	0.1	1	0.0	0.0	1	0.0	0.0	5	0.1	0.1	45	0.9	0.9
Other labourers	83	1.7	1.2	13	0.3	0.2	80	1.6	1.1	393	7.8	5.6	817	16.3	11.6
<b>Not stated and other</b>	<b>2</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>0</b>	<b>n.a.</b>	<b>n.a.</b>	<b>1</b>	<b>n.a.</b>	<b>n.a.</b>	<b>15</b>	<b>0.0</b>	<b>0.0</b>
<b>Total</b>	<b>1,876</b>	<b>0.5</b>	<b>0.3</b>	<b>92</b>	<b>0.0</b>	<b>0.0</b>	<b>513</b>	<b>0.1</b>	<b>0.1</b>	<b>1,791</b>	<b>0.5</b>	<b>0.3</b>	<b>6,540</b>	<b>1.9</b>	<b>1.1</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

n.a. Not applicable

**Table 5.1 – Other major work-related injuries**  
**Industry statistics: Number, incidence, time lost and cost: 2015/16**

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Agriculture, forestry and fishing</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
Agriculture	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Mining</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>16</b>	<b>19</b>	<b>0.5</b>	<b>0.2</b>	<b>88</b>	<b>5.2</b>	<b>1.6</b>	<b>574</b>	<b>30,228</b>	<b>2,623</b>
Coal mining	0	2	1	16	19	0.9	0.4	88	5.2	1.6	574	30,228	2,623
<b>Manufacturing</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>0.0</b>	<b>0.0</b>	<b>35</b>	<b>4.3</b>	<b>3.4</b>	<b>227</b>	<b>28,403</b>	<b>31,766</b>
Food product manufacturing	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Printing (including the reproduction of recorded media)	0	0	0	1	1	0.1	0.0*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Fabricated metal product manufacturing	0	0	0	1	1	0.1	0.0*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Transport equipment manufacturing	0	0	0	1	1	0.1	0.0*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Machinery and equipment manufacturing	0	0	0	2	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Furniture and other manufacturing	0	0	0	1	1	0.1	0.0*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Electricity, gas, water and waste services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
Electricity supply	0	0	0	2	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Construction</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>16</b>	<b>0.1</b>	<b>0.0</b>	<b>248</b>	<b>20.7</b>	<b>8.3</b>	<b>3,227</b>	<b>201,691</b>	<b>78,775</b>
Building construction	1	0	1	3	5	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Heavy and civil engineering construction	1	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Construction services	2	0	2	6	10	0.1	0.0	174	21.7	7.7	2,208	220,815	59,633

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Wholesale trade</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
Other goods wholesaling	0	0	0	2	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Retail trade</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>9</b>	<b>0.0</b>	<b>0.0</b>	<b>152</b>	<b>16.9</b>	<b>9.0</b>	<b>192</b>	<b>21,394</b>	<b>11,463</b>
Motor vehicle and motor vehicle parts retailing	0	0	0	2	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Food retailing	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Other store-based retailing	0	0	1	5	6	0.0	0.0	118	19.7	6.0	123	20,613	10,899
<b>Accommodation and food services</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>374</b>	<b>93,740</b>	<b>31,662</b>
Food and beverage services	0	1	0	3	4	0.0	0.0	n.p.	n.p.	n.p.	374	93,740	31,662
<b>Transport, postal and warehousing</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>0.0</b>	<b>0.0</b>	<b>214</b>	<b>35.7</b>	<b>33.4</b>	<b>1,118</b>	<b>159,842</b>	<b>45,611</b>
Road transport	1	0	1	2	4	0.1	0.0	n.p.	n.p.	n.p.	839	209,903	32,743
Air and space transport	0	0	0	1	1	0.1	0.0*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Postal and courier pick-up and delivery services	0	0	1	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Transport support services	0	0	1	0	1	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Information media and telecommunications</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>0.1</b>	<b>0.1</b>	<b>63</b>	<b>10.5</b>	<b>4.9</b>	<b>115</b>	<b>19,247</b>	<b>21,602</b>
Publishing (except internet and music publishing)	0	0	0	2	2	0.2	0.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Motion picture and sound recording activities	0	0	0	2	2	0.2	0.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Broadcasting (except internet)	0	0	1	1	2	0.2	0.1*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Financial and insurance services</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>0.1</b>	<b>0.0</b>	<b>204</b>	<b>15.7</b>	<b>5.0</b>	<b>519</b>	<b>39,954</b>	<b>15,905</b>



Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Finance	0	0	0	5	5	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Insurance and superannuation funds	0	0	2	3	5	0.2	0.1	155	31.1	25.0	77	15,505	12,459
Auxiliary finance and insurance services	0	0	0	3	3	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Rental, hiring and real estate services</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
Property operators and real estate services	0	0	1	2	3	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>12</b>	<b>0.0</b>	<b>0.0</b>	<b>91</b>	<b>7.6</b>	<b>1.9</b>	<b>333</b>	<b>27,760</b>	<b>15,941</b>
Professional, scientific and technical services (except computer system design and related services)	0	0	1	11	12	0.0	0.0	91	7.6	1.9	333	27,760	15,941
<b>Administrative and support services</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>9</b>	<b>11</b>	<b>0.1</b>	<b>0.0</b>	<b>108</b>	<b>10.8</b>	<b>6.3</b>	<b>262</b>	<b>23,896</b>	<b>22,222</b>
Administrative services	0	1	1	5	7	0.1	0.0	88	14.6	8.6	115	16,553	14,583
Building cleaning, pest control and other support services	0	0	0	4	4	0.1	0.1	20	5.0	2.0	146	36,747	25,254
<b>Public administration and safety</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>27</b>	<b>31</b>	<b>0.2</b>	<b>0.1</b>	<b>226</b>	<b>7.8</b>	<b>3.4</b>	<b>1,641</b>	<b>52,937</b>	<b>22,585</b>
Public administration	0	2	0	9	11	0.1	0.1	68	7.6	7.4	961	87,371	39,559
Public order, safety and regulatory services including defence	0	0	2	18	20	0.4	0.2	158	7.9	2.4	679	33,997	18,874
<b>Education and training</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>0.0</b>	<b>0.0</b>	<b>14</b>	<b>2.8</b>	<b>2.9</b>	<b>90</b>	<b>18,075</b>	<b>14,464</b>
Tertiary education	0	0	0	4	4	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Adult, community and other education	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Health care and social assistance</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>12</b>	<b>13</b>	<b>0.0</b>	<b>0.0</b>	<b>137</b>	<b>10.6</b>	<b>3.9</b>	<b>374</b>	<b>28,814</b>	<b>17,694</b>
Hospitals	0	0	0	3	3	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Medical and other health care services	0	0	1	4	5	0.0	0.0	114	22.7	13.3	169	33,891	17,847
Residential care services	0	0	0	5	5	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Arts and recreation services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0.1</b>	<b>0.0</b>	<b>13</b>	<b>3.3</b>	<b>2.9</b>	<b>56</b>	<b>14,017</b>	<b>16,718</b>
Sports and recreation activities	0	0	0	4	4	0.1	0.1	13	3.3	2.9	56	14,017	16,718
<b>Other services</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0.0</b>	<b>0.0</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>	<b>n.p.</b>
Personal and other services	1	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Private households employing staff and undifferentiated goods- and service-producing activities	0	1	0	0	1	0.4*	0.4*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Total</b>	<b>6</b>	<b>7</b>	<b>17</b>	<b>138</b>	<b>168</b>	<b>0.0</b>	<b>0.0</b>	<b>1,676</b>	<b>10.8</b>	<b>3.1</b>	<b>10,012</b>	<b>59,600</b>	<b>18,952</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c Time lost is included only for temporary disability cases resulting in less than three years off work

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 5.2 – Other major work-related injuries**  
**Occupation statistics: Number, incidence, time lost and cost: 2015/16**

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Managers</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>11</b>	<b>12</b>	<b>0.0</b>	<b>0.0</b>	<b>39</b>	<b>3.5</b>	<b>0.9</b>	<b>291</b>	<b>24,297</b>	<b>13,935</b>
Chief executives, general managers and legislators	0	1	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Specialist managers	0	0	0	9	9	0.0	0.0	39	4.3	0.9	235	26,203	13,405
Hospitality, retail and service managers	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Professionals</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>24</b>	<b>27</b>	<b>0.0</b>	<b>0.0</b>	<b>305</b>	<b>11.3</b>	<b>2.9</b>	<b>718</b>	<b>26,609</b>	<b>16,512</b>
Arts and media professionals	0	0	1	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Business, human resource and marketing professionals	0	0	2	11	13	0.1	0.0	225	17.3	9.6	427	32,902	16,512
Design, engineering, science and transport professionals	0	0	0	4	4	0.0	0.0	4	0.9	0.9	84	21,085	23,788
Education professionals	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Health professionals	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
ICT professionals	0	0	0	5	5	0.1	0.0	20	4.1	1.9	75	15,197	12,073
Legal, social and welfare professionals	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Technicians and trades workers</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>18</b>	<b>21</b>	<b>0.1</b>	<b>0.0</b>	<b>221</b>	<b>11.1</b>	<b>3.9</b>	<b>938</b>	<b>44,697</b>	<b>15,243</b>
Engineering, ICT and science technicians	0	0	0	3	3	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Automotive and engineering trades workers	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Construction trades workers	0	0	1	4	5	0.1	0.0	89	17.9	5.0	199	39,861	9,864

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Electrotechnology and telecommunications trades workers	0	1	0	4	5	0.1	0.0	16	4.1	1.3	67	13,496	2,623
Food trades workers	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Skilled animal and horticultural workers	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Other technicians and trades workers	0	0	1	3	4	0.1	0.1	61	15.1	4.7	441	110,430	29,131
<b>Community and personal service workers</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>29</b>	<b>32</b>	<b>0.1</b>	<b>0.1</b>	<b>302</b>	<b>9.4</b>	<b>2.6</b>	<b>813</b>	<b>25,437</b>	<b>17,430</b>
Health and welfare support workers	0	0	1	4	5	0.1	0.1	103	20.7	11.7	173	34,747	19,204
Carers and aides	0	0	0	5	5	0.0	0.0	9	1.9	2.0	56	11,212	10,436
Hospitality workers	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Protective service workers	0	0	1	18	19	0.5	0.3	118	6.2	2.0	467	24,592	14,474
Sports and personal service workers	0	0	1	1	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Clerical and administrative workers</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>21</b>	<b>24</b>	<b>0.0</b>	<b>0.0</b>	<b>245</b>	<b>10.2</b>	<b>5.1</b>	<b>1,033</b>	<b>43,070</b>	<b>20,831</b>
Office managers and program administrators	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Personal assistants and secretaries	0	0	1	1	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
General clerical workers	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Numerical clerks	0	0	0	6	6	0.1	0.0	55	9.2	6.1	394	65,803	29,807
Clerical and office support workers	0	0	0	2	2	0.1	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Other clerical and administrative workers	0	0	2	9	11	0.1	0.1	112	10.2	4.3	393	35,801	19,494
<b>Sales workers</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>9</b>	<b>11</b>	<b>0.0</b>	<b>0.0</b>	<b>132</b>	<b>13.2</b>	<b>5.1</b>	<b>994</b>	<b>90,434</b>	<b>18,870</b>

Occupation	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Sales representatives and agents	1	0	1	5	7	0.1	0.1	115	19.1	5.4	947	135,404	28,980
Sales assistants and salespersons	0	0	0	3	3	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Sales support workers	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<b>Machinery operators and drivers</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>18</b>	<b>25</b>	<b>0.1</b>	<b>0.1</b>	<b>386</b>	<b>16.8</b>	<b>5.9</b>	<b>1,840</b>	<b>73,614</b>	<b>19,923</b>
Machine and stationary plant operators	0	0	2	13	15	0.4	0.2	142	9.5	3.1	479	31,972	12,339
Mobile plant operators	0	1	1	4	6	0.2	0.1	99	19.8	5.9	324	54,084	28,256
Road and rail drivers	1	0	2	1	4	0.0	0.0	n.p.	n.p.	n.p.	1,036	259,064	131,065
<b>Labourers</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>8</b>	<b>16</b>	<b>0.1</b>	<b>0.0</b>	<b>45</b>	<b>5.7</b>	<b>3.5</b>	<b>3,381</b>	<b>211,333</b>	<b>61,336</b>
Cleaners and laundry workers	0	0	0	1	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Construction and mining labourers	1	0	0	0	1	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Factory process workers	0	0	0	2	2	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Farm, forestry and garden workers	0	1	0	2	3	0.1	0.1	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Other labourers	3	3	0	3	9	0.2	0.1	n.p.	n.p.	n.p.	2,703	300,339	204,000
<b>Total</b>	<b>6</b>	<b>7</b>	<b>17</b>	<b>138</b>	<b>168</b>	<b>0.0</b>	<b>0.0</b>	<b>1,676</b>	<b>10.8</b>	<b>3.1</b>	<b>10,012</b>	<b>59,600</b>	<b>18,952</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.p. Not published

**Table 5.3 – Other major work-related injuries**  
**Age statistics: Number, incidence, time lost and cost: 2015/16**

Age	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
15 - 19	0	0	0	3	3	0.0	0.0	n.p	n.p	n.p	n.p	n.p	n.p
20 - 24	2	1	0	15	18	0.0	0.0	80	5.3	3.3	1,492	82,902	17,114
25 - 29	0	1	1	20	22	0.1	0.0	188	9.0	3.1	546	24,844	14,708
30 - 34	0	1	2	12	15	0.0	0.0	195	13.9	3.9	567	37,860	22,585
35 - 39	0	1	0	16	17	0.0	0.0	78	4.9	2.1	378	22,256	15,243
40 - 44	1	1	4	19	25	0.1	0.0	329	14.3	3.9	1,453	58,125	23,733
45 - 49	0	0	3	16	19	0.1	0.0	210	11.1	1.1	888	46,786	19,923
50 - 54	1	1	3	13	18	0.1	0.0	263	16.5	4.6	1,592	88,475	13,462
55 - 59	1	1	2	12	16	0.1	0.0	188	13.4	5.3	1,822	113,902	34,843
60 - 64	0	0	2	9	11	0.1	0.0	110	10.0	7.9	430	39,156	20,633
65 +	1	0	0	3	4	0.0	0.0	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Total	6	7	17	138	168	0.0	0.0	1,676	10.8	3.1	10,012	59,600	18,952

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.p. Not published

**Table 5.4 – Other major work-related injuries**  
**Time lost and cost for temporary disability cases only: 2015/16**

Time lost	Number of injuries		Time lost (weeks) (a)		Gross incurred cost (GIC)		
	Number	% of total	Total weeks	% of total	Total \$'000	% of total	Average \$
Persons							
Up to 1 week	36	23.2	15	0.9	650	12.3	18,069
Over 1 week to 2 weeks	23	14.8	35	2.1	318	6.0	13,828
Over 2 weeks to 4 weeks	25	16.1	75	4.4	385	7.3	15,435
Over 4 weeks to 26 weeks	54	34.8	600	35.8	2,247	42.4	41,612
Over 26 weeks	17	11.0	952	56.8	1,694	32.0	99,649
<b>Total</b>	<b>155</b>	<b>100</b>	<b>1,676</b>	<b>100</b>	<b>5,295</b>	<b>100</b>	<b>34,165</b>

a. Time lost is included only for temporary disability cases resulting in less than three years off work

**Table 5.5 – Other major work-related injuries**  
**Nature of occurrence: 2012/13 to 2015/16**

Year	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Time lost (weeks) (b)			Gross incurred cost (GIC)		
			Six months	Less than six months			Total	Average	Median	Total \$'000	Average \$	Median \$
Away from work during recess period												
2012/13	2	3	16	152	173	0.1	1,595	9.5	3.1	4,548	26,295	11,966
2013/14	0	1	19	107	127	0.0	1,412	11.2	4.3	8,946	70,445	13,712
2014/15	0	2	15	96	113	0.0	1,177	10.6	3.4	3,293	29,142	15,572
2015/16	1	3	11	100	115	0.0	1,129	10.2	3.0	4,676	40,664	17,612
Commuting accidents												
2012/13	13	14	24	140	191	0.1	2,039	12.4	5.1	10,155	53,173	12,824
2013/14	4	4	8	86	102	0.0	846	9.0	3.6	3,503	34,350	11,901
2014/15	5	5	9	62	81	0.0	699	9.9	2.6	3,259	40,239	10,464
2015/16	5	4	6	38	53	0.0	547	12.4	3.9	5,336	100,688	20,582
Total other work-related Injuries												
2012/13	15	17	40	292	364	0.1	3,634	10.9	4.2	14,704	40,398	12,085
2013/14	4	5	27	193	229	0.1	2,258	10.3	4.0	12,450	54,368	12,970
2014/15	5	7	24	158	194	0.1	1,876	10.3	3.1	6,552	33,775	13,394
2015/16	6	7	17	138	168	0.0	1,676	10.8	3.1	10,012	59,600	18,952

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Time lost is included only for temporary disability cases resulting in less than three years off work



**Table 6.1 – Lost time injuries**  
**Lost time injuries/diseases: 2015/16**

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Persons													
Agriculture, forestry and fishing	6	40	145	1,267	1,458	28.0	14.0	13,870	9.9	2.9	33,682	23,102	6,482
Agriculture	6	34	119	1009	1,168	25.0	12.7	11,082	9.9	2.9	27,615	23,644	6,314
Aquaculture	0	0	0	5	5	8.1*	5.5*	30	6.0	0.9	58	11779	2204
Forestry and logging	0	1	4	45	50	102.0*	48.1*	477	9.7	2.9	926	18,525	5,812
Fishing, hunting and trapping	0	0	1	9	10	77.0*	18.4*	81	8.1	3.6	122	12260	8667
Agriculture, forestry and fishing support services	0	5	21	199	225	41.0*	25.4*	2,200	10.0	2.7	4,958	22,039	7,210
Mining	2	334	34	437	807	22.0	10.0	3,496	7.4	2.4	23,701	29,370	9,122
Coal mining	0	307	8	247	562	27.0	12.9	1,461	5.7	3.1	16,874	30,027	12,026
Oil and gas extraction	0	2	0	3	5	1.6*	0.7*	n.p	n.p	n.p	568	113,662	18,490
Metal ore mining	1	6	8	48	63	20.0*	8.6*	691	12.3	2.6	3,622	57,501	7,362
Non-metallic mineral mining and quarrying	0	13	14	118	145	109.0*	43.6*	1,065	8.1	1.7	1993	13,746	6,159
Exploration and other mining support services	1	6	4	21	32	4.4*	2.0*	n.p	n.p	n.p	642	20,068	9,224
Manufacturing	9	632	646	5,193	6,480	27.0	14.0	58,364	10.0	2.3	116,815	18,027	6,455
Food product manufacturing	4	84	150	1,146	1,384	21.0	12.4	12,851	9.9	2.3	21,486	15,525	4,580
Beverage and tobacco product manufacturing	0	7	11	110	128	18.0*	9.2*	1,258	10.4	2.0	1,508	11,783	4,634

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Textile, leather, clothing and footwear manufacturing	0	16	6	70	92	12.0*	6.7*	613	8.1	1.7	1,642	17,850	7,469
Wood product manufacturing	1	36	45	518	600	47.0	22.5*	4,863	8.7	2.0	9,940	16,567	6,237
Pulp, paper and converted paper product manufacturing	0	7	15	105	127	31.0*	15.1*	1,109	9.2	2.0	1,993	15,694	5,390
Printing (including the reproduction of recorded media)	0	24	21	108	153	11.0	6.0*	1,762	13.7	5.7	2,894	18,920	12,669
Petroleum and coal product manufacturing	0	0	1	19	20	14.0*	11.6*	136	6.8	2.3	378	18,938	7,554
Basic chemical and chemical product manufacturing	0	19	35	227	281	18.0	9.5*	2,878	11.0	2.3	4,952	17,624	6,644
Polymer product and rubber product manufacturing	0	15	15	118	148	16.0	8.2*	1,496	11.3	2.3	2,622	17,716	6,715
Non-metallic mineral product manufacturing	1	62	57	382	502	60.0*	27.4*	4,907	11.3	3.4	11,010	21,934	8,723
Primary metal and metal product manufacturing	0	102	16	111	229	12.0	6.2	1,405	11.1	2.7	7,611	33,237	7,588
Fabricated metal product manufacturing	0	90	86	882	1,058	74.0	37.5*	8,498	8.8	2.0	18,233	17,234	6,779
Transport equipment manufacturing	1	50	34	293	378	30.0	15.8*	3,343	10.2	2.6	9,045	23,930	5,769
Machinery and equipment manufacturing	1	92	97	842	1,032	29.0	14.7	8,462	9.0	1.9	16,315	15,809	6,170
Furniture and other manufacturing	1	28	57	262	348	26.0	13.4*	4,781	15.0	3.9	7,181	20,636	8,610
<b>Electricity, gas, water and waste services</b>	<b>1</b>	<b>69</b>	<b>44</b>	<b>259</b>	<b>373</b>	<b>8.9</b>	<b>4.7</b>	<b>3,689</b>	<b>12.2</b>	<b>2.7</b>	<b>8,427</b>	<b>22,595</b>	<b>7,380</b>
Gas supply	0	1	1	1	3	0.8*	0.3*	n.p	n.p	n.p	n.p	n.p	n.p
Electricity supply	1	49	2	25	77	3.6	1.9	126	4.7	1.9	2839	36,875	10,581

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Water supply, sewerage and drainage services	0	4	3	24	31	4.5*	2.6*	n.p	n.p	n.p	n.p	n.p	n.p
Waste collection, treatment and disposal services	0	15	38	209	262	26.0	14.3*	3,252	13.2	3.0	4,624	17,650	6,526
<b>Construction</b>	<b>23</b>	<b>365</b>	<b>599</b>	<b>4,151</b>	<b>5,138</b>	<b>22.0</b>	<b>11.0</b>	<b>55,462</b>	<b>11.7</b>	<b>3.6</b>	<b>121,769</b>	<b>23,700</b>	<b>9,118</b>
Building construction	3	86	159	1,080	1,328	18.0	9.0	14,367	11.6	3.3	31,556	23,762	9,795
Heavy and civil engineering construction	3	92	65	396	556	25.0	11.3	5,442	11.8	2.9	12,552	22,576	7,291
Construction services	17	187	375	2,675	3,254	24.0	11.7	35,653	11.7	3.7	77,660	23,866	9,202
<b>Wholesale trade</b>	<b>4</b>	<b>87</b>	<b>218</b>	<b>1,910</b>	<b>2,219</b>	<b>18.0</b>	<b>9.4</b>	<b>20,856</b>	<b>9.8</b>	<b>2.1</b>	<b>43,118</b>	<b>19,432</b>	<b>6,095</b>
Basic material wholesaling	2	32	32	365	431	13.0	7.3	3,176	8.0	1.9	8,236	19,110	6,630
Machinery and equipment wholesaling	1	22	59	473	555	16.0	8.2	5,056	9.5	1.6	10,332	18,617	6,109
Motor vehicle and motor vehicle parts wholesaling	0	11	13	171	195	41.0*	20.5*	1,466	8.0	1.4	2,786	14,288	4,638
Grocery, liquor and tobacco product wholesaling	1	11	52	534	598	24.0	12.9	5,570	9.5	3.6	13,248	22,155	4,563
Other goods wholesaling	0	10	62	356	428	16.0	8.7	5,543	13.3	2.9	8,323	19,447	7,379
Commission-based wholesaling	0	1	0	11	12	5.5*	2.6*	44	4.0	0.9	192	16,011	9,596
<b>Retail trade</b>	<b>2</b>	<b>76</b>	<b>433</b>	<b>4,068</b>	<b>4,579</b>	<b>12.0</b>	<b>8.3</b>	<b>40,719</b>	<b>9.1</b>	<b>2.7</b>	<b>55,241</b>	<b>12,064</b>	<b>3,200</b>
Motor vehicle and motor vehicle parts retailing	2	12	66	419	499	13.0	7.4	5,642	11.7	2.0	7,928	15,890	4,929
Fuel retailing	0	1	13	80	94	8.3	4.9*	986	10.6	3.6	1157	12,310	3,203
Food retailing	0	17	166	1,971	2,154	18.0	14.2	17,455	8.2	3.1	18,503	8,590	2,321

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Other store-based retailing	0	44	185	1,577	1,806	8.3	5.9	16,323	9.3	2.0	25,107	13,902	4,149
Non-store retailing and retail commission-based buying and/or selling	0	2	3	21	26	6.2*	3.6*	312	13.0	4.8	2543	97,826	14,932
<b>Accommodation and food services</b>	<b>1</b>	<b>51</b>	<b>182</b>	<b>2,514</b>	<b>2,748</b>	<b>10.0</b>	<b>8.0</b>	<b>19,366</b>	<b>7.2</b>	<b>1.9</b>	<b>46,684</b>	<b>16,988</b>	<b>4,022</b>
Accommodation	0	6	25	432	463	14.0	9.0	3,228	7.1	2.0	12,922	27,911	3,830
Food and beverage services	1	45	157	2,082	2,285	9.6	7.8	16,138	7.2	1.9	33,761	14,775	4,026
<b>Transport, postal and warehousing</b>	<b>20</b>	<b>206</b>	<b>356</b>	<b>2,085</b>	<b>2,667</b>	<b>17.0</b>	<b>9.1</b>	<b>32,468</b>	<b>13.3</b>	<b>4.6</b>	<b>67,787</b>	<b>25,417</b>	<b>9,074</b>
Road transport	16	63	160	911	1,150	18.0	8.9	14,776	13.8	5.9	38,925	33,849	12,833
Rail transport	0	45	15	185	245	19.0	9.6*	1,613	8.1	2.1	4,777	19,499	7,605
Water transport	0	2	3	14	19	30.0*	12.7*	241	14.2	2.7	270	14,224	9,923
Air and space transport	0	43	24	74	141	10.0	6.2*	1,680	17.2	5.7	1,463	10,377	5,870
Other transport	0	7	20	82	109	98.0*	59.7*	1,812	17.8	4.9	2,261	20,752	10,718
Postal and courier pick-up and delivery services	2	6	35	191	234	9.1	5.4	3,457	15.3	6.7	6,345	27,119	9,233
Transport support services	1	36	77	457	571	31.0	16.4	7,042	13.2	4.0	9,755	17,085	6,811
Warehousing and storage services	1	4	22	171	198	9.8	5.8	1,848	9.6	1.9	3,987	20,140	5,385
<b>Information media and telecommunications</b>	<b>0</b>	<b>10</b>	<b>47</b>	<b>311</b>	<b>368</b>	<b>6.3</b>	<b>3.5</b>	<b>4,181</b>	<b>11.7</b>	<b>2.7</b>	<b>7,801</b>	<b>21,200</b>	<b>7,605</b>
Internet publishing and broadcasting	0	0	0	1	1	1.6*	1.3*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Publishing (except internet and music publishing)	0	6	5	47	58	5.1	3.3*	403	7.8	1.6	919	15,845	4,124
Motion picture and sound recording activities	0	0	3	93	96	11.0	6.4*	625	6.5	1.7	1192	12,418	5,213

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Broadcasting (except internet)	0	1	10	41	52	4.9	2.5*	730	14.3	4.6	1059	20382	9070
Telecommunications services	0	3	17	90	110	5.1	2.6	1,364	12.8	3.6	2,577	23,428	9,494
Internet service providers, web search portals and data processing services	0	0	7	18	25	8.0*	4.2*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Library and other information services	0	0	5	21	26	13.0*	11.1*	451	17.4	2.7	988	38,008	11,142
<b>Financial and insurance services</b>	<b>1</b>	<b>13</b>	<b>57</b>	<b>244</b>	<b>315</b>	<b>2.1</b>	<b>1.1</b>	<b>4,308</b>	<b>14.3</b>	<b>4.9</b>	<b>8,770</b>	<b>27,842</b>	<b>8,000</b>
Finance	0	5	22	96	123	1.6	0.8	1,568	13.3	4.4	5,024	40,848	11,701
Insurance and superannuation funds	0	3	21	81	105	3.5	2.0	1,586	15.6	6.4	2164	20,616	6,110
Auxiliary finance and insurance services	1	5	14	67	87	2.0	1.1	1,154	14.3	4.9	1581	18,176	7,555
<b>Rental, hiring and real estate services</b>	<b>4</b>	<b>16</b>	<b>60</b>	<b>402</b>	<b>482</b>	<b>7.2</b>	<b>3.8</b>	<b>5,486</b>	<b>11.9</b>	<b>3.1</b>	<b>10,626</b>	<b>22,046</b>	<b>7,270</b>
Rental and hiring services (except real estate)	3	14	34	247	298	36.0*	20.1*	3,358	12.0	3.4	6,515	21,864	7,636
Property operators and real estate services	1	2	26	155	184	3.2	1.7	2,128	11.8	2.4	4,110	22,340	6,879
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>75</b>	<b>117</b>	<b>839</b>	<b>1,031</b>	<b>3.2</b>	<b>1.7</b>	<b>9,797</b>	<b>10.3</b>	<b>2.0</b>	<b>21,456</b>	<b>20,811</b>	<b>6,854</b>
Professional, scientific and technical services (except computer system design and related services)	0	70	107	769	946	3.9	2.1	8,734	10.0	2.0	19,826	20,959	6,938
Computer system design and related services	0	5	10	70	85	1.1	0.5	1,063	13.3	1.9	1,629	19,169	5,996
<b>Administrative and support services</b>	<b>0</b>	<b>56</b>	<b>174</b>	<b>1,197</b>	<b>1,427</b>	<b>9.3</b>	<b>5.6</b>	<b>15,180</b>	<b>11.1</b>	<b>2.6</b>	<b>26,572</b>	<b>18,621</b>	<b>5,266</b>
Administrative services	0	29	112	584	725	6.7	3.8	9,125	13.1	3.1	12,271	16,926	5,407
Building cleaning, pest control and other support services	0	27	62	613	702	15.0	10.5	6,055	9.0	2.1	14,301	20,373	5,034

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Public administration and safety</b>	<b>7</b>	<b>218</b>	<b>309</b>	<b>3,068</b>	<b>3,602</b>	<b>21.0</b>	<b>13.0</b>	<b>28,709</b>	<b>8.5</b>	<b>2.0</b>	<b>77,249</b>	<b>21,446</b>	<b>6,240</b>
Public administration	4	139	96	1,415	1,654	14.0	8.7	8,903	5.9	1.0	22,401	13,544	3,797
Public order, safety and regulatory services including defence	3	79	213	1,653	1,948	40.0	23.1	19,805	10.7	3.7	54,848	28,156	9,950
<b>Education and training</b>	<b>1</b>	<b>46</b>	<b>513</b>	<b>3,950</b>	<b>4,510</b>	<b>15.0</b>	<b>9.6</b>	<b>46,230</b>	<b>10.4</b>	<b>1.7</b>	<b>68,928</b>	<b>15,284</b>	<b>3,907</b>
Preschool and school education	0	17	429	3,334	3,780	22.0	13.6	39,099	10.4	1.7	55,181	14,598	3,599
Tertiary education	1	26	53	479	559	6.9	4.6	4,952	9.3	1.7	10,687	19,119	6,736
Adult, community and other education	0	3	31	137	171	3.3	2.4	2,179	13.1	4.9	3,060	17,896	5,871
<b>Health care and social assistance</b>	<b>3</b>	<b>90</b>	<b>738</b>	<b>5,963</b>	<b>6,794</b>	<b>14.0</b>	<b>9.5</b>	<b>64,440</b>	<b>9.6</b>	<b>2.0</b>	<b>88,765</b>	<b>13,065</b>	<b>4,342</b>
Hospitals	2	40	219	1,912	2,173	18.0	11.3	18,212	8.6	2.0	31,967	14,711	5,465
Medical and other health care services	1	25	169	733	928	6.4	4.3	13,889	15.5	3.9	18,695	20,146	7,614
Residential care services	0	22	301	2,536	2,859	37.0	26.4	26,352	9.3	1.9	29,352	10,267	3,122
Social assistance services	0	3	49	782	834	6.1	4.2	5,987	7.2	1.7	8,750	10,492	3,539
<b>Arts and recreation services</b>	<b>1</b>	<b>15</b>	<b>83</b>	<b>787</b>	<b>886</b>	<b>14.0</b>	<b>9.4</b>	<b>7,686</b>	<b>8.9</b>	<b>2.3</b>	<b>13,473</b>	<b>15,207</b>	<b>4,612</b>
Heritage activities	0	2	23	103	128	12.0	7.2*	1,670	13.5	5.1	1,680	13,127	5,445
Creative and performing arts activities	0	2	11	74	87	12.0*	7.1*	898	10.6	2.0	1536	17,666	3,236
Sports and recreation activities	1	11	48	602	662	17.0	12.7	5,028	7.7	2.1	10,107	15,268	4,823
Gambling activities	0	0	1	8	9	1.3*	0.7*	89	9.9	3.1	148	16,542	2,880
<b>Other services</b>	<b>3</b>	<b>97</b>	<b>178</b>	<b>1,304</b>	<b>1,582</b>	<b>14.0</b>	<b>7.8</b>	<b>15,819</b>	<b>10.7</b>	<b>2.4</b>	<b>28,457</b>	<b>17,989</b>	<b>6,216</b>

Industry	Fatal	Permanent disability	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
			Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Repair and maintenance	0	66	73	574	713	12.0	6.2	6,806	10.5	2.7	13,325	18,689	6,886
Personal and other services	3	27	103	704	837	15.0	9.8	8,824	11.0	2.1	14,606	17,450	5,515
Private households employing staff and undifferentiated goods- and service-producing activities	0	4	2	26	32	12.0*	12.2*	190	6.8	2.4	526	16,459	6,919
<b>Not stated</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>n.a</b>	<b>n.a</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>92</b>	<b>9,236</b>	<b>1,440</b>
<b>Total</b>	<b>90</b>	<b>2,504</b>	<b>4,933</b>	<b>39,949</b>	<b>47,476</b>	<b>14.0</b>	<b>8.3</b>	<b>450,126</b>	<b>10</b>	<b>2.43</b>	<b>869,423</b>	<b>18,313</b>	<b>5,622</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 6.2 – All injuries/diseases**  
**All injuries/diseases: 2015/16**

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
<b>Agriculture, forestry and fishing</b>	<b>6</b>	<b>40</b>	<b>0</b>	<b>146</b>	<b>2,369</b>	<b>2,561</b>	<b>48.5</b>	<b>24.8</b>	<b>13,948</b>	<b>5.6</b>	<b>0.3</b>	<b>37,805</b>	<b>14,762</b>	<b>2,401</b>
Agriculture	6	34	0	120	1,911	2,071	44.9	22.5	11,160	5.5	0.3	30,508	14,731	2,108
Aquaculture	0	0	0	0	12	12	19.4*	13.3*	30	2.5	0	173	14477	2003
Forestry and logging	0	1	0	4	80	85	173.8*	81.8*	477	5.7	0.6	1,206	14,194	4,244
Fishing, hunting and trapping	0	0	0	1	13	14	107.7*	25.8*	81	5.8	2.1	173	12,403	7,688
Agriculture, forestry and fishing support services	0	5	0	21	353	379	69.1*	42.7*	2,200	5.9	0.6	5,743	15,154	3,300
<b>Mining</b>	<b>2</b>	<b>334</b>	<b>0</b>	<b>34</b>	<b>1,430</b>	<b>1,800</b>	<b>50.0</b>	<b>23.2</b>	<b>3,507</b>	<b>2.4</b>	<b>0.0</b>	<b>31,509</b>	<b>17,505</b>	<b>2,539</b>
Coal mining	0	307	0	8	894	1,209	57.2	27.6	1,461	1.6	0.0	23,658	19,568	3,649
Oil and gas extraction	0	2	0	0	5	7	2.2*	0.9*	19	3.7	0.7	574	82000	3839
Metal ore mining	1	6	0	8	252	267	84.5*	36.5*	691	2.7	0.0	4,060	15,207	1004
Non-metallic mineral mining and quarrying	0	13	0	14	228	255	192.0*	76.6*	1,065	4.4	0.1	2,520	9,883	2,205
Exploration and other mining support services	1	6	0	4	51	62	8.5*	3.9*	272	4.9	0.0	696	11233	1878
<b>Manufacturing</b>	<b>9</b>	<b>632</b>	<b>6</b>	<b>646</b>	<b>11,903</b>	<b>13,196</b>	<b>55.0</b>	<b>29.1</b>	<b>58,492</b>	<b>4.7</b>	<b>0.0</b>	<b>139,893</b>	<b>10,601</b>	<b>1,965</b>
Food product manufacturing	4	84	2	150	2,917	3,157	48.7	28.2	12,857	4.2	0.0	26,365	8,351	1,500
Beverage and tobacco product manufacturing	0	7	0	11	263	281	39.5*	20.2*	1,282	4.7	0.0	1,942	6,912	1,750
Textile, leather, clothing and footwear manufacturing	0	16	1	6	126	149	19.6*	10.8*	613	4.6	0.1	1,819	12,211	2,864



Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Wood product manufacturing	1	36	0	45	1003	1,085	84.6	40.7*	4,887	4.7	0.1	11,369	10,479	2,018
Pulp, paper and converted paper product manufacturing	0	7	0	15	223	245	58.8*	29.2*	1109	4.7	0.1	2,408	9,830	2,387
Printing (including the reproduction of recorded media)	0	24	0	21	269	314	22.5	12.4*	1,787	6.2	0.0	3,564	11,351	2,994
Petroleum and coal product manufacturing	0	0	0	1	49	50	35.7*	29.0*	136	2.7	0.0	450	9,004	2,475
Basic chemical and chemical product manufacturing	0	19	0	35	501	555	35.6	18.7*	2,878	5.4	0.0	6,116	11,020	2,433
Polymer product and rubber product manufacturing	0	15	0	15	271	301	32.2	16.6*	1,496	5.2	0.0	3,208	10,659	2,285
Non-metallic mineral product manufacturing	1	62	1	57	883	1,004	119.4*	54.8*	4,907	5.2	0.0	13,214	13,162	2,689
Primary metal and metal product manufacturing	0	102	0	16	477	595	31.1	16.0	1,405	2.9	0.0	9,210	15,480	2,321
Fabricated metal product manufacturing	0	90	0	86	1,809	1,985	139.0	70.4*	8,498	4.5	0.1	21,235	10,698	2,073
Transport equipment manufacturing	1	50	1	34	719	805	63.8	33.6*	3,347	4.4	0.0	10,675	13,261	1700
Machinery and equipment manufacturing	1	92	1	97	1,886	2,077	58.5	29.7	8,487	4.3	0.0	20,115	9,685	2,017
Furniture and other manufacturing	1	28	0	57	507	593	44.9	22.8*	4,801	8.5	0.1	8,197	13,823	3,544
<b>Electricity, gas, water and waste services</b>	<b>1</b>	<b>69</b>	<b>0</b>	<b>44</b>	<b>1,029</b>	<b>1,143</b>	<b>27.2</b>	<b>14.3</b>	<b>3,689</b>	<b>3.4</b>	<b>0.0</b>	<b>12,043</b>	<b>10,537</b>	<b>2,077</b>
Electricity supply	1	49	0	2	407	459	21.4	11.2	126	0.3	0.0	5,260	11,460	2,470

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Gas supply	0	1	0	1	18	20	5.4*	2.3*	42	2.2	0.0	236	11,844	1,082
Water supply, sewerage and drainage services	0	4	0	3	64	71	10.4*	6.0*	270	4.0	0.0	813	11,454	1,363
Waste collection, treatment and disposal services	0	15	0	38	540	593	59.4	32.4*	3,252	5.6	0.0	5,733	9,668	1,894
<b>Construction</b>	<b>23</b>	<b>365</b>	<b>4</b>	<b>601</b>	<b>8,014</b>	<b>9,007</b>	<b>38.5</b>	<b>19.0</b>	<b>55,583</b>	<b>6.5</b>	<b>0.3</b>	<b>139,304</b>	<b>15,466</b>	<b>3,352</b>
Building construction	3	86	2	159	1,957	2,207	29.6	14.9	14,378	6.8	0.6	35,422	16,050	4,000
Heavy and civil engineering construction	3	92	0	65	1,240	1,400	61.9	28.4	5,458	4.2	0.0	15,581	11,129	1,999
Construction services	17	187	2	377	4,817	5,400	39.4	19.5	35,747	6.9	0.7	88,300	16,352	3,615
<b>Wholesale trade</b>	<b>4</b>	<b>87</b>	<b>0</b>	<b>218</b>	<b>3,525</b>	<b>3,834</b>	<b>30.5</b>	<b>16.2</b>	<b>20,880</b>	<b>5.6</b>	<b>0.1</b>	<b>48,834</b>	<b>12,737</b>	<b>2,506</b>
Basic material wholesaling	2	32	0	32	666	732	22.8	12.3	3,176	4.6	0.1	9,208	12,580	2,869
Machinery and equipment wholesaling	1	22	0	59	965	1,047	31.0	15.4	5,056	4.9	0.1	12,018	11,479	2,066
Motor vehicle and motor vehicle parts wholesaling	0	11	0	13	375	399	82.9*	42.0*	1,466	3.8	0.0	3,433	8,604	1,663
Grocery, liquor and tobacco product wholesaling	1	11	0	52	831	895	35.5	19.3	5,595	6.3	0.9	14,359	16,044	2,528
Other goods wholesaling	0	10	0	62	662	734	26.5	14.9	5,543	7.7	0.4	9,485	12,923	3,476
Commission-based wholesaling	0	1	0	0	26	27	12.3*	5.9*	44	1.7	0.0	329	12,189	4,819
<b>Retail trade</b>	<b>2</b>	<b>76</b>	<b>2</b>	<b>433</b>	<b>7,750</b>	<b>8,263</b>	<b>21.2</b>	<b>15.0</b>	<b>40,854</b>	<b>5.0</b>	<b>0.1</b>	<b>72,417</b>	<b>8,764</b>	<b>1,965</b>
Motor vehicle and motor vehicle parts retailing	2	12	2	66	832	914	23.8	13.5	5,666	6.3	0.1	9,411	10,297	1,824
Fuel retailing	0	1	0	13	118	132	11.7	6.9*	986	7.5	1.0	1320	10,000	2,094

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Food retailing	0	17	0	166	3,259	3,442	29.4	22.6	17,480	5.1	0.7	23,421	6,805	1,829
Other store-based retailing	0	44	0	185	3,497	3,726	17.1	12.2	16,383	4.5	0.0	35,643	9,566	2,117
Non-store retailing and retail commission-based buying and/or selling	0	2	0	3	44	49	11.8*	6.8*	338	7.2	0.4	2621	53,494	6,038
<b>Accommodation and food services</b>	<b>1</b>	<b>51</b>	<b>2</b>	<b>182</b>	<b>5,377</b>	<b>5,613</b>	<b>20.7</b>	<b>16.4</b>	<b>19,378</b>	<b>3.5</b>	<b>0.0</b>	<b>55,533</b>	<b>9,894</b>	<b>1,500</b>
Accommodation	0	6	1	25	964	996	31	19.4	3,228	3.3	0.0	14,832	14,892	1,422
Food and beverage services	1	45	1	157	4,413	4,617	19.4	15.8	16,150	3.5	0.0	40,701	8,815	1,501
<b>Transport, postal and warehousing</b>	<b>20</b>	<b>206</b>	<b>3</b>	<b>356</b>	<b>5,379</b>	<b>5,964</b>	<b>37.7</b>	<b>20.4</b>	<b>32,549</b>	<b>5.7</b>	<b>0.0</b>	<b>90,730</b>	<b>15,213</b>	<b>3,352</b>
Road transport	16	63	1	160	2,053	2,293	35.1	17.8	14,823	6.7	0.0	47,051	20,520	4,452
Rail transport	0	45	0	15	469	529	41.4	20.7*	1,613	3.3	0.0	6,969	13,174	3,691
Water transport	0	2	0	3	64	69	108.7*	46.1*	241	3.6	0.0	349	5,070	800
Air and space transport	0	43	1	24	524	592	42.2	26*	1,680	3.1	0.0	5,760	9,731	3,415
Other transport	0	7	0	20	153	180	161.4*	98.5*	1,812	10.5	0.7	2,484	13,803	3,800
Postal and courier pick-up and delivery services	2	6	0	35	395	438	16.9	10.1	3,480	8.1	0.2	8,243	18,821	5,379
Transport support services	1	36	0	77	1,322	1,436	79	41.3	7,052	5.0	0.0	14,817	10,319	2,423
Warehousing and storage services	1	4	1	22	399	427	21.2	12.6	1,848	4.4	0.0	5,053	11,836	2,099
<b>Information media and telecommunications</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>47</b>	<b>650</b>	<b>707</b>	<b>12.1</b>	<b>6.7</b>	<b>4,205</b>	<b>6.0</b>	<b>0.1</b>	<b>9,134</b>	<b>12,920</b>	<b>3,071</b>

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Publishing (except internet and music publishing)	0	6	0	5	128	139	12.2	7.9*	428	3.2	0.0	1,153	8,297	1,700
Motion picture and sound recording activities	0	0	0	3	175	178	19.5	11.9*	625	3.5	0.1	1391	7,816	1,658
Broadcasting (except internet)	0	1	0	10	85	96	9.1	4.7*	730	7.7	0.1	1407	14,662	5,761
Internet publishing and broadcasting	0	0	0	0	2	2	3.1*	2.5*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Telecommunications services	0	3	0	17	176	196	9.1	4.6	1,364	7.1	0.3	2,924	14,922	3,562
Internet service providers, web search portals and data processing	0	0	0	7	34	41	13.0*	6.9*	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
Library and other information services	0	0	0	5	50	55	26.6*	23.4*	451	8.2	0.0	1109	20,172	4,274
<b>Financial and insurance services</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>57</b>	<b>680</b>	<b>752</b>	<b>4.9</b>	<b>2.7</b>	<b>4,323</b>	<b>5.9</b>	<b>0.0</b>	<b>12,321</b>	<b>16,385</b>	<b>4,249</b>
Finance	0	5	1	22	297	325	4.1	2.2	1,583	5.0	0.0	7,445	22,909	4,765
Insurance and superannuation funds	0	3	0	21	182	206	7.0	3.8	1,586	7.8	0.1	2,679	13,009	4,185
Auxiliary finance and insurance services	1	5	0	14	201	221	5.1	2.7	1,154	5.4	0.0	2,196	9,937	3,391
<b>Rental, hiring and real estate services</b>	<b>4</b>	<b>16</b>	<b>0</b>	<b>60</b>	<b>783</b>	<b>863</b>	<b>12.9</b>	<b>6.9</b>	<b>5,534</b>	<b>6.6</b>	<b>0.2</b>	<b>12,018</b>	<b>13,926</b>	<b>2,902</b>
Rental and hiring services (except real estate)	3	14	0	34	498	549	66.2*	37.0*	3,383	6.4	0.1	7,351	13,391	2,367
Property operators and real estate services	1	2	0	26	285	314	5.4	2.8	2,151	6.9	0.6	4,666	14,862	3,583
<b>Professional, scientific and technical services</b>	<b>0</b>	<b>75</b>	<b>2</b>	<b>117</b>	<b>1,919</b>	<b>2,113</b>	<b>6.6</b>	<b>3.5</b>	<b>9,822</b>	<b>4.8</b>	<b>0.0</b>	<b>25,342</b>	<b>11,993</b>	<b>2,613</b>

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Professional, scientific and technical services (except computer system design and related services)	0	70	2	107	1,753	1,932	8.0	4.3	8,758	4.7	0.0	23,343	12,083	2,609
Computer system design and related services	0	5	0	10	166	181	2.3	1.1	1,063	6.0	0.0	1,998	11,041	2,704
<b>Administrative and support services</b>	<b>0</b>	<b>56</b>	<b>0</b>	<b>174</b>	<b>2,751</b>	<b>2,981</b>	<b>19.4</b>	<b>11.7</b>	<b>15,204</b>	<b>5.2</b>	<b>0.0</b>	<b>32,588</b>	<b>10,932</b>	<b>1,852</b>
Administrative services	0	29	0	112	1,327	1,468	13.6	7.8	9,125	6.3	0.0	14,942	10,179	1,843
Building cleaning, pest control and other support services	0	27	0	62	1,424	1,513	32.6	22.7	6,079	4.1	0.0	17,645	11,663	1,873
<b>Public administration and safety</b>	<b>7</b>	<b>218</b>	<b>1</b>	<b>309</b>	<b>7,586</b>	<b>8,121</b>	<b>48.3</b>	<b>28.8</b>	<b>28,769</b>	<b>3.6</b>	<b>0.0</b>	<b>96,712</b>	<b>11,909</b>	<b>2,615</b>
Public administration	4	139	0	96	3,528	3,767	31.5	19.1	8,927	2.5	0.0	32,765	8,698	2,178
Public order, safety and regulatory services including defence	3	79	1	213	4,058	4,354	90.1	51.6	19,841	4.7	0.0	63,946	14,687	2,985
<b>Education and training</b>	<b>1</b>	<b>46</b>	<b>2</b>	<b>513</b>	<b>6,433</b>	<b>6,995</b>	<b>22.8</b>	<b>14.9</b>	<b>46,294</b>	<b>6.7</b>	<b>0.6</b>	<b>74,592</b>	<b>10,664</b>	<b>2,436</b>
Preschool and school education	0	17	0	429	5,137	5,583	32.1	20.1	39,139	7.0	0.7	58,743	10,522	2,388
Tertiary education	1	26	2	53	1030	1,112	13.8	9.1	4,952	4.6	0.0	12,149	10,926	2,608
Adult, community and other education	0	3	0	31	266	300	5.8	4.3	2,203	7.4	0.3	3,699	12,331	3,740
<b>Health care and social assistance</b>	<b>3</b>	<b>90</b>	<b>5</b>	<b>739</b>	<b>12,037</b>	<b>12,874</b>	<b>26.8</b>	<b>18</b>	<b>64,716</b>	<b>5.1</b>	<b>0.1</b>	<b>110,110</b>	<b>8,553</b>	<b>2,195</b>
Hospitals	2	40	0	220	4,028	4,290	34.8	22.4	18,295	4.3	0.1	39,638	9,240	2,665
Medical and other health care services	1	25	1	169	1,693	1,889	13.0	8.7	13,939	7.5	0.0	22,882	12,114	3,055

Industry	Fatal	Permanent disability	Other	Temporary disability		Total	Inc. (a)	Freq. rate (b)	Time lost (weeks) (c)			Gross incurred cost (GIC)		
				Six months and over	Less than six months				Total	Average	Median	Total \$'000	Average \$	Median \$
Residential care services	0	22	1	301	5,063	5,387	70.4	49.8	26,464	4.9	0.1	37,161	6,898	1,733
Social assistance services	0	3	3	49	1,253	1,308	9.6	6.6	6,018	4.6	0.4	10,428	7,973	2,030
<b>Arts and recreation services</b>	<b>1</b>	<b>15</b>	<b>1</b>	<b>83</b>	<b>1,959</b>	<b>2,059</b>	<b>31.5</b>	<b>21.9</b>	<b>7,710</b>	<b>3.8</b>	<b>0.0</b>	<b>16,922</b>	<b>8,219</b>	<b>1,647</b>
Heritage activities	0	2	1	23	271	297	27.2	16.8*	1,670	5.7	0.0	2,084	7,018	1,713
Creative and performing arts activities	0	2	0	11	234	247	33.9*	20.1*	898	3.7	0.0	1,856	7,517	1,400
Sports and recreation activities	1	11	0	48	1,208	1,268	31.7	24.4	5,053	4.0	0.1	12,086	9,532	1,947
Gambling activities	0	0	0	1	246	247	34.6*	20.5*	89	0.4	0.0	894	3,623	1010
<b>Other services</b>	<b>3</b>	<b>97</b>	<b>0</b>	<b>178</b>	<b>2,566</b>	<b>2,844</b>	<b>24.6</b>	<b>14</b>	<b>15,828</b>	<b>5.8</b>	<b>0.1</b>	<b>32,689</b>	<b>11,494</b>	<b>2,296</b>
Repair and maintenance	0	66	0	73	1,079	1,218	20.9	10.5	6,814	5.9	0.3	14,984	12,302	2,401
Personal and other services	3	27	0	103	1,444	1,577	28.8	18.5	8,824	5.7	0.1	16,911	10,724	2,080
Private households employing staff and undifferentiated good	0	4	0	2	43	49	18.9*	18.7*	190	4.2	0.7	793	16,197	5,675
<b>Not stated</b>	<b>2</b>	<b>8</b>	<b>424</b>	<b>0</b>	<b>0</b>	<b>434</b>	<b>n.a</b>	<b>n.a</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>536</b>	<b>1,236</b>	<b>405</b>
<b>Total</b>	<b>90</b>	<b>2,504</b>	<b>453</b>	<b>4,937</b>	<b>84,140</b>	<b>92,124</b>	<b>26.8</b>	<b>16.0</b>	<b>451,286</b>	<b>5.1</b>	<b>0.1</b>	<b>1,051,040</b>	<b>11,409</b>	<b>2,270</b>

a. Inc. (Incidence rate) is the number of injuries per 1,000 employees

b. Frequency rate is the number of injuries per million hours worked

c. Time lost is included only for temporary disability cases resulting in less than three years off work

n.a. Not applicable

n.p. Not published

\* Estimate has a Relative Standard Error (RSE) of 25% to 50% and should be used with caution

\*\* Estimate has a Relative Standard Error (RSE) greater than 50% and is too unreliable for use

**Table 7.1 – Payments**

Type of payments made from 2006/07 to 2015/16 (\$'000) (not adjusted for inflation)

Type of payments	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16
<b>Compensation payments</b>	<b>1,724,320</b>	<b>1,802,105</b>	<b>1,999,882</b>	<b>2,192,506</b>	<b>2,260,559</b>	<b>2,454,126</b>	<b>2,252,262</b>	<b>2,057,681</b>	<b>1,971,530</b>	<b>1,962,275</b>
Ambulance services	6,274	3,885	3,995	7,729	2,977	2,920	2,306	2,039	2,331	2,123
Medical treatment	362,635	392,760	435,893	456,364	450,898	511,499	491,528	446,574	410,374	418,862
Hospital treatment	75,539	79,142	91,746	98,355	104,988	103,711	101,989	94,520	108,841	129,263
Rehabilitation treatment	94,077	96,260	109,743	129,613	123,071	132,867	147,537	139,107	141,725	163,953
Physiotherapy and chiropractic treatment	60,462	64,016	71,235	76,085	80,926	89,479	78,586	64,392	58,945	59,591
Damage to artificial limbs and clothing	8,701	9,997	11,323	12,961	14,108	28,393	28,924	28,639	16,162	11,574
Death payments	23,564	21,898	50,255	45,354	53,743	37,874	44,360	39,713	43,802	45,838
Permanent injury	165,322	151,565	170,234	205,666	201,385	210,045	142,013	125,522	115,179	100,862
Pain and suffering	60,364	56,745	62,081	75,570	76,694	80,723	51,091	54,082	18,890	8,498
Redemptions	18,253	24,543	31,729	46,459	31,416	39,886	31,831	19,719	23,438	25,573
Old Sections 36, 37 (weekly benefit)	432,661	456,858	476,946	506,432	559,415	618,364	456,766	179,956	101,816	80,265
Old Section 38 (weekly benefit)	102,998	105,986	119,887	141,433	139,867	149,558	133,604	45,551	15,258	11,833
Old Section 40 Part. Incapacity (weekly benefit)	313,470	338,449	364,815	390,486	421,072	448,805	412,602	214,892	82,000	56,673
Incapacity first 13 weeks (weekly benefit)	0	0	0	0	0	0	94,133	169,659	184,963	197,778
Incapacity 14-130 weeks (weekly benefit)	0	0	0	0	0	0	22,055	185,192	257,264	288,778
Incapacity over 130 weeks (weekly benefit)	0	0	0	0	0	0	12,937	248,125	390,542	360,811
<b>Non-compensation payments</b>	<b>489,006</b>	<b>473,760</b>	<b>525,508</b>	<b>544,555</b>	<b>598,833</b>	<b>644,092</b>	<b>696,807</b>	<b>680,431</b>	<b>642,295</b>	<b>684,025</b>
Transport and maintenance	23,470	27,880	29,792	26,945	32,945	34,867	34,475	28,871	25,708	25,709
Damages and common law	225,925	226,362	269,317	286,223	326,717	348,085	391,451	402,188	407,881	474,575
Investigation expenses	101,422	90,080	92,978	97,681	105,523	116,762	131,142	111,502	109,027	107,511
Interpreter services	2,309	2,213	2,621	2,618	2,850	2,627	2,952	2,841	2,963	3,403
Legal costs	135,879	127,226	130,800	131,088	130,798	141,751	136,788	135,030	96,716	72,828
<b>Total</b>	<b>2,213,326</b>	<b>2,275,865</b>	<b>2,525,391</b>	<b>2,737,061</b>	<b>2,859,393</b>	<b>3,098,218</b>	<b>2,949,069</b>	<b>2,738,112</b>	<b>2,613,825</b>	<b>2,646,300</b>

**Table 7.2 – Payments**  
**Payments made in 2015/16 for all cases**

Type of payment	Type of payment by nature of occurrence								Type of payment by gender					
	Workplace injuries		Other work-related injuries		Occupational diseases		All employment injuries (a)		Males		Females		Persons (b)	
	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total
<b>Compensation payments</b>	<b>1,463,234</b>	<b>76.5</b>	<b>70,666</b>	<b>87</b>	<b>428,373</b>	<b>65.6</b>	<b>1,962,274</b>	<b>74.2</b>	<b>1,330,322</b>	<b>73.6</b>	<b>631,952</b>	<b>75.4</b>	<b>1,962,274</b>	<b>74.2</b>
Ambulance services	1,899	0.1	41	0.1	182	0.0	2,123	0.1	1,472	0.1	650	0.1	2,123	0.1
Medical treatment	317,678	16.6	21,041	25.9	80,142	12.3	418,862	15.8	286,927	15.9	131,934	15.7	418,862	15.8
Hospital treatment	108,571	5.7	3,118	3.8	17,572	2.7	129,262	4.9	94,205	5.2	35,057	4.2	129,262	4.9
Rehabilitation treatment	128,912	6.7	2,514	3.1	32,525	5.0	163,952	6.2	104,778	5.8	59,174	7.1	163,952	6.2
Physiotherapy and chiropractic treatment	50,927	2.7	1,043	1.3	7,619	1.2	59,590	2.3	36,527	2.0	23,062	2.8	59,590	2.3
Damage to artificial limbs and clothing	9,196	0.5	1,215	1.5	1,161	0.2	11,573	0.4	8,601	0.5	2,972	0.4	11,573	0.4
Death payments	35,864	1.9	3,056	3.8	6,917	1.1	45,838	1.7	41,230	2.3	4,607	0.5	45,838	1.7
Permanent injury	66,596	3.5	3,922	4.8	30,342	4.6	100,861	3.8	72,341	4.0	28,520	3.4	100,861	3.8
Pain and suffering	4,918	0.3	478	0.6	3,101	0.5	8,497	0.3	6,438	0.4	2,059	0.2	8,497	0.3
Commutation	20,257	1.1	759	0.9	4,556	0.7	25,573	1.0	24,310	1.3	1,263	0.2	25,573	1.0
Old Sections 36, 37 (weekly benefit)	33,768	1.8	1,646	2.0	44,849	6.9	80,264	3.0	58,225	3.2	22,038	2.6	80,264	3.0
Old Section 38 (weekly benefit)	7,115	0.4	311	0.4	4,405	0.7	11,833	0.4	8,907	0.5	2,925	0.3	11,833	0.4
Old Section 40 Part. Incapacity (weekly benefit)	26,349	1.4	983	1.2	29,340	4.5	56,673	2.1	39,578	2.2	17,094	2.0	56,673	2.1
Incapacity first 13 weeks (weekly benefit)	150,058	7.8	1,103	1.4	46,616	7.1	197,778	7.5	134,827	7.5	62,950	7.5	197,778	7.5



Type of payment	Type of payment by nature of occurrence								Type of payment by gender					
	Workplace injuries		Other work-related injuries		Occupational diseases		All employment injuries (a)		Males		Females		Persons (b)	
	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total	\$'000	% of total
Incapacity 14-130 weeks (weekly benefit)	203,311	10.6	4,435	5.5	81,030	12.4	288,777	10.9	195,967	10.8	92,809	11.1	288,777	10.9
Incapacity over 130 weeks (weekly benefit)	297,807	15.6	24,993	30.8	38,009	5.8	360,810	13.6	215,980	11.9	144,830	17.3	360,810	13.6
<b>Non-compensation payments</b>	<b>449,085</b>	<b>23.5</b>	<b>10,563</b>	<b>13</b>	<b>224,376</b>	<b>34.4</b>	<b>684,025</b>	<b>25.8</b>	<b>478,231</b>	<b>26.4</b>	<b>205,793</b>	<b>24.6</b>	<b>684,025</b>	<b>25.8</b>
Transport and maintenance	19,071	1.0	1,087	1.3	5,550	0.9	25,709	1.0	16,995	0.9	8,713	1.0	25,709	1.0
Damages and common law	308,356	16.1	3,815	4.7	162,402	24.9	474,574	17.9	339,457	18.8	135,117	16.1	474,574	17.9
Investigation expenses	69,961	3.7	1,753	2.2	35,795	5.5	107,510	4.1	67,940	3.8	39,570	4.7	107,510	4.1
Interpreter services	2,990	0.2	122	0.2	290	0.0	3,402	0.1	2,209	0.1	1193	0.1	3,402	0.1
Legal costs	48,705	2.5	3,784	4.7	20,337	3.1	72,828	2.8	51,628	2.9	21,199	2.5	72,828	2.8
<b>Total</b>	<b>1,912,320</b>	<b>100</b>	<b>81,229</b>	<b>100</b>	<b>652,749</b>	<b>100</b>	<b>2,646,299</b>	<b>100</b>	<b>1,808,553</b>	<b>100</b>	<b>837,746</b>	<b>100</b>	<b>2,646,299</b>	<b>100</b>

**Note:** Payments data in this table have not been adjusted for inflation/deflation

a. Includes payments for cases for which nature of occurrence has not been determined

b. Includes payments for cases for which gender is unstated

# Appendix F: Data quality statement

## Data quality statement for the 2015/16 Statistical Bulletin

### Name of dataset or data source

The data reported in the *2015/16 Statistical Bulletin* is sourced from the workers compensation statistical files 2006/07 – 2015/16 and the NSW results of the *Labour Force survey* for 2006/07 – 2015/16.

### Custodian of the dataset or data source

The State Insurance Regulatory Authority (SIRA) is the custodian of the workers compensation statistical files.

The Australian Bureau of Statistics (ABS) is the custodian of the *Labour Force survey* data.

### Description

The Statistical Bulletin provides key statistics on work, health and safety, and workers compensation in NSW.

The workers compensation statistical files are static files for a single financial year. The files contain claim level data, including information on claim cost, time lost, demographic characteristics of the claimant such as industry, occupation and age, and details of the injury such as nature of injury/disease, mechanism of injury, bodily location of injury/disease and agency of injury/disease. Claims are included in the statistical file if they were entered into the insurer's system during the financial year, had a payment in the financial year or were open in the financial year.

Incidence and frequency rates in the Statistical Bulletin are calculated using the number of employees and numbers of hours worked in NSW, compiled from the ABS *Labour Force survey*. This data has been adjusted as far as possible to match the scope of the NSW workers compensation scheme, for example, the removal of Commonwealth employees. Refer to the *Summary quality declaration* of the ABS *Labour Force survey* for information on the data quality of this survey.

### Data quality rating

#### 5 stars for:

- institutional environment
- accuracy
- coherence
- interpretability
- accessibility.

### Data quality levels by dimension

**Institutional environment: Medium – star**

#### Points awarded for:

- the agency publishing this data is the recognised data custodian.
- data is collected and managed according to a data quality framework.

- data collection is mandated or required by Section 243A of the *Workplace Injury Management and Workers Compensation Act 1998*.
- custodian has no commercial interest or conflict of interest in the data.

**No points awarded for:**

- data governance roles and responsibilities are not assigned for this dataset or data source.

Find out more about the data quality framework from the [custodian](#).

**Accuracy: Medium – star**

**Points awarded for:**

- this data has been subject to quality assurance processes i.e. checking for errors at each stage of data collection and processing, or verifying data entry and making corrections if necessary
- the data collection met the objectives of the primary user. The data correctly represents what it was designed to measure, monitor or report. Refer to the [Scope and coverage](#) section below for more information
- there are no known gaps in the data (for example: non-responses, missing records, data not collected)
- there have been adjustments, changes or other factors that could impact the validity of the data (for example: weighting, rounding, de-identification of data; changes or flaws in data collection or verification methods). Adjustments are identified in caveats attached to the dataset or data source.

**No points awarded for:**

- there is no revision policy.

Find out more about the quality assurance processes from the [custodian](#).

**Coherence: High –star**

**Points awarded for:**

- standard definitions, common concepts, classifications and data recording practices have been used
- elements within the data can be meaningfully compared
- this data is generally consistent with similar or related data sources.
- this data is part of a time series. There have not been significant changes in the way data items are defined, classified or counted since the start of the series
- this data is consistent with previous releases. There have been no changes in methodology or external impacts since the last release in this series.

More information about standards: National classification systems have been used for industry, occupation and injury coding. These classification systems include Australian and New Zealand Standard Industrial Classification, 2006 edition, ABS Catalogue No. 1292.0; Australian and New Zealand Standard Classification of Occupations (ANZSCO), 2006 Edition, ABS Catalogue No. 1220.0 and Type of Occurrence Classification System, Third Edition (Revision 1), Australian Safety and Compensation Council, Canberra 2008.

More information about similar or related data sources: The NSW workers compensation system annual performance reports and Statistical Bulletins published by SIRA report on all claims in the workers compensation system. Apart from Sections 6 and 7, the Statistical Bulletin is focused on major claims within the workers compensation system.

This dataset or data source is part of a time series.

Data was first collected or produced on 30/06/1988 for the 1987/88 Statistical Bulletin.

While there have been changes in the way data items are defined, classified or counted since the start of producing the Statistical Bulletins, the time series data included in the 2015/16 Statistical Bulletin is consistently defined, classified and counted. Details of changes are provided in the [Summary of differences between workers compensation publications](#), under the [Explanatory notes section](#) of the Statistical Bulletin.

Changes that could cause a break in the consistency of data items over time include:

- changes in classification systems for occupation data, industry data, injury and illness data
- changes in definitions, for example of 'major claim' and 'time lost claim'
- changes in methodologies, for example the way denominator data is calculated by the ABS
- changes in legislation, for example injuries reported to insurers under provisional liability provisions.

## **Interpretability: High – star**

### **Points awarded for:**

- a data dictionary is available to explain the meaning of data elements, their origin, format and relationships
- information is available about the primary data sources and methods of data collection (for example: instruments, forms, instructions)
- information is available to help users evaluate the accuracy of the data and any level of error
- information is available to explain concepts, help users correctly interpret the data and understand how it can be used
- information is available to explain ambiguous or technical terms used in the data.

Find out more about the data dictionary from [\*Claims Technical Manual - Nominal Insurer, 2016\*](#).

Find out more about the primary data sources and methods of data collection, how to evaluate the accuracy of the data and any level of error, concepts used in this dataset and how to understand or interpret the data, and ambiguous or technical terms used in the data from the [custodian](#).

## **Accessibility: Medium – star**

### **Points awarded for:**

- this dataset or data source is available in a machine-processable, structured format
- this dataset or data source is available in a non-proprietary format

- this dataset or data source is described using open standards and persistent identifiers
- this dataset or data source is linked to other data, to provide context.

#### **No points awarded for:**

- this dataset or data source is subject to limiting or restrictive access conditions – Other.

Additional information about accessing and using the data: Data tables are provided in [Appendix E](#) of the Statistical Bulletin.

This dataset or data source is available in the following digital file types or formats: PDF

Additional information about the use of identifiers and links to other data: This data can be linked to denominator data, claims transactional data and policy data.

## **Information to help users evaluate relevance**

### **Scope and coverage**

What the data was designed to measure, monitor, or report: The Statistical Bulletin aims to provide key statistics on work, health and safety, and workers compensation, for example, claim counts, cost, time lost and incidence/frequency rates data.

Target of the data collection: Injured workers covered by the NSW workers compensation system or the *Coal Industry Act 2001* and their associated claim costs.

Some exclusions applied to the data collection:

Data from insurers that have ceased business but are still required to report on their claims liabilities is excluded. This may impact cost data reported.

### **Geographic detail**

Data cover the following geographic area(s): State

At lower levels of geography, the data are represented or apportioned as follows: N/A

### **Outputs**

The data are available as: Published (unstructured content, assembled into a form suitable for wide dissemination)

### **Other cautions**

The data does not represent or cover: Workers compensation policy data is not covered by the Statistical Bulletins.

Other cautions or recommendations to enable effective use and interpretation of the data: Refer to the [Explanatory Notes](#) of the Statistical Bulletins.

### **Reference period**

Period for which the data were obtained: 01/07/2006 – 30/06/2016

There were some exceptions to the data collection or observation period:

Within this 10-year period the statistical files changed from being cut at September to at November, allowing an additional two months for development of the data.

### **Timing**

Updates and revisions: There is no revision policy

The data for the 2015/16 Statistical Bulletin became available (i.e. released or published) on 09/03/2018.

## Frequency of production

Data is collected or expected to be produced annually.

## Data disclaimer

The NSW Government is committed to producing data that is accurate, complete and useful. Notwithstanding its commitment to data quality, the NSW Government gives no warranty as to the fitness of this data for a particular purpose. While every effort is made to ensure data quality, the data is provided 'as is'. The burden for fitness of the data relies completely with the user. The NSW Government shall not be held liable for improper or incorrect use of the data.

## Contact details

For more information about this dataset or data source, contact the custodian:

### Manager, Policy and Insurer Analytics

**Email:** [information.analysis@sira.nsw.gov.au](mailto:information.analysis@sira.nsw.gov.au)

**Phone:** (02) 4321 5669

## Understanding the Data Quality Statement

The data quality statement aims to help you understand how a particular dataset could be used and whether it can be compared with other, similar datasets. It provides a description of the characteristics of the data to help you decide whether the data will be fit for your specific purpose.

## About the data quality rating:

The reporting questionnaire asks five questions for each of these data quality dimensions:

- institutional environment
- accuracy
- coherence
- interpretability
- accessibility

For each question: 'yes' = 1 point, 'no' = 0 points

The number of points determines the quality level for each dimension (high, medium, low).

Only dimensions with four or five points receive a star.

Points	Quality level	Star/No star
0	Low	No star
1	Low	No star
2	Low	No star

Points	Quality level	Star/No star
3	Medium	No star
4	Medium	Star
5	High	Star

## More information

Find out more about the data quality dimensions, the reporting questionnaire and the star rating in the NSW Government Standard for Data Quality Reporting published at [www.finance.nsw.gov.au/ict/data-interoperability-standards](http://www.finance.nsw.gov.au/ict/data-interoperability-standards)

## Evaluating data quality

Quality relates to the data's 'fitness for purpose'. Users can make different assessments about the quality of the same data, depending on their 'purpose' or the way they plan to use the data.

The following questions may help you evaluate data quality for your requirements. This list is not exhaustive. Generate your own questions to assess data quality according to your specific needs and environment.

- What was the primary purpose or aim for collecting the data?
- How well does the coverage (and exclusions) match your needs?
- How useful is this data at small levels of geography?
- Does the population presented by the data match your needs?
- To what extent does the method of data collection seem appropriate for the information being gathered?
- Have standard classifications (e.g. industry or occupation classifications) been used in the collection of the data? If not, why? Does this affect the ability to compare or bring together data from different sources?
- Have rates and percentages been calculated consistently throughout the data?
- Is there a time difference between your reference period, and the reference period of the data?
- What is the gap of time between the reference period (when the data was collected) and the release date of the data?
- Will there be subsequent surveys or data collection exercises for this topic?
- Are there likely to be updates or revisions to the data after official release?

#### Disclaimer

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