

Safe Work Australia

Quad Bike Fatalities Database

Data Dictionary – First Edition

June 2023

Disclaimer

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Safe Work Australia works with the Commonwealth, state and territory governments to improve work health and safety and workers' compensation arrangements. Safe Work Australia is a national policy body, not a regulator of work health and safety. The Commonwealth, states and territories have responsibility for regulating and enforcing work health and safety laws in their jurisdiction.

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Purpose

The quad bike fatalities database is a dataset that includes information on all quad bike related fatalities which have occurred in Australia. This data set does not include fatalities which have occurred from similar 4 wheeled vehicles such as side-by-side vehicles.

Report data

Collated data

The quad bike fatality database provides a central resource for all quad bike fatalities which have occurred in Australia. The data is compiled based on fatality data sourced from media reports (including those from relevant authority websites such as police and the Australian Transport Safety Bureau) and Safe Work Australia's Work-Related Traumatic Injury Fatalities (TIF) database.

Each of these sources are used to firstly identify fatalities and then to compile a picture of the nature and circumstances of each fatality. This enables informed and targeted decisions regarding work health and safety policy as well as design interventions to reduce the prevalence of quad bike fatalities in Australia.

Table 1 shows the data that is collated.

Data category	Data captured
Incident details - date	Cal. Year (calendar year)
Incident details - circumstance	State/Territory of death Type of incident Type of Activity Helmet worn
Deceased's details - personal	Sex Age group
Incident details - environment	Terrain Reported ground surface Possible weight imbalance

Further information and feedback

If you have questions or require further information please email StatsOnline@swa.gov.au.

The data dictionary

The Data Dictionary provides definitions and information about the data collected in the quad bike database.

Data definitions and guidelines

Cal. Year

Description: The calendar year of the fatality.

Format: "YYYY"

State/Territory of death

Description: The State/Territory in which the death occurred.

Field (set):

- ACT
- NSW
- NT
- Qld
- SA
- Tas
- Vic
- WA

Type of incident

Description: The type of incident causing the fatality.

- Rollover
- Collision
- Other

Type of activity

Description: The type of activity being performed prior to the incident

- Working
- Non-working
- Unknown

Sex

Description: the sex identified for the deceased

Fields (set):

- Male
- Female
- Other (when identified as neither male or female)
- Blank (if unknown)

Note: Safe Work Australia's fatality data is based on multiple data sources, some of which are reported by gender and some which are reported by sex. While the majority of the population identifies both their sex and gender as either male or female, a small proportion of the population identify their sex and/or gender as other than male or female; however there are no fatalities in the quad bike fatalities dataset which have been identified as belonging to this third category.

Age group

Description: Identifies the age of the deceased within a 10-year band.

Fields (set):

- Under 10
- 10-19
- 20-29
- 30-39
- 40-49
- 50-59
- 60-69
- 70+

Helmet worn

Description: If a helmet was worn by the deceased at the time of the incident.

Fields (set):

- Yes
- No
- Blank (if unknown)

Terrain

Description: Indicates the profile of the location in which the incident occurred.

Fields (set):

- Flat
- Incline
- Uneven
- Other
- Blank (if unknown)

Reported ground surface

Description: Indicates the type of ground surface upon which the incident occurred.

Fields (set):

- Road
- Dirt
- Dirt Track
- Sand
- Grass
- Gravel
- Mud
- Other
- Blank (if unknown)

Possible weight imbalance

Description: Indicates any known possible causes of a weight imbalance that may have contributed to the incident.

Format: Free text

Examples:

- Passenger(s) on vehicle
- Container attached to vehicle
- Seated sideways
- Vehicle overloaded