



Australian Road Deaths Database

The Australian Road Deaths Database (ARDD) is maintained and published by BITRE. It commenced in 1989 and is updated on a monthly basis.

The ARDD contains basic demographic and crash details of people who have died in an Australian road crash. A road death or fatality is a person who dies within 30 days of a crash as a result of injuries received in that crash.

Every fatal road traffic crash in Australia is in scope. Information is compiled for people who were killed in the crash. The database is published in two forms:

- Fatalities: each record is a killed person
- Crashes: each record is a fatal crash

The link between these is made by the *Crash ID* field. A full list of fields follows

Note: A value of '-9' is used for a missing/unknown value.

A pedestrian crash is any crash where a pedestrian was killed, irrespective of number of vehicles involved.

Field	Description	Format	Values
Crash ID	National crash identifying number	Text	8-characters, unique to each fatal crash
State	Australian jurisdiction	Text	Abbreviation for each state/territory NSW Vic Qld SA WA Tas NT ACT
Month	Month of crash	Integer	1 – 12
Year	Year of crash	Integer	1989 – 2019
Dayweek	Day of week of crash	Text	Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Field	Description	Format	Values
Time	Time of crash	Time	hh:mm
Crash Type	A crash is coded as a Pedestrian crash if a pedestrian was killed; otherwise, the number of vehicles involved.	Text	Pedestrian Single Multiple
Number Fatalities	Number of killed persons (fatalities) in the crash	Integer	
Bus Involvement	Indicates involvement of a bus in the crash	Text	Yes No -9
Heavy Rigid Truck Involvement	Indicates involvement of a heavy rigid truck in the crash	Text	Yes No -9
Articulated Truck Involvement	Indicates involvement of an articulated truck in the crash	Text	Yes No -9
Speed Limit	Posted speed limit at location of crash	Text	-9 10 15 20 25 30 <40 40 50 60 70 75 80 90 100 110 130 Unspecified
Road User	Road user type of killed person	Text	Driver Passenger Pedestrian Motorcycle rider Motorcycle pillion passenger Pedal cyclist (Note: includes pillion passenger) Other/-9
Gender	Sex of killed person	Text	Male Female Unspecified -9

Field	Description	Format	Values
Age	Age of killed person (years)	Integer	
National Remoteness Areas 2016	ABS Remoteness Structure	Text	Major Cities of Australia Inner Regional Australia Outer Regional Australia Remote Australia Very Remote Australia
Statistical Areas Level 4 (SA4) Name 2016	Australian Statistical Geography Standard	Text	
National Local Government Areas (LGAs) Name 2017	Australian Statistical Geography Standard	Text	
National Road Type	PSMA Transport Hierarchy, (Table 15)	Text	National or State Highway Arterial Road Sub-arterial Road Collector Road Local Road Access Road Pedestrian Thoroughfare Undetermined
Christmas Period	Indicates if crash occurred during the 12 days commencing on December 23 rd	Text	Yes No
Easter Period	Indicates if crash occurred during the 5 days commencing on the Thursday before Good Friday	Text	Yes No