Australian Government

Department of Infrastructure, Regional Development and Cities

Bureau of Infrastructure, Transport and Regional Economics

Australian Road Deaths Database

The Australian Road Deaths Database provides basic details of road transport crash fatalities in Australia as reported by the police each month to the State and Territory road safety authorities. It is published by the Bureau of Infrastructure, Transport and Regional Economics. Data are preliminary and subject to revision.

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: Blanks and '-9' are used for a missing/unknown value.

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	Refers to the number of vehicles involved.	Text	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
Age	Age of killed person (years)	Integer	

Field	Description	Format	Values
National Remoteness Areas 2021	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 2021	Australian Statistical Geography Standard	Text	
National Local Government Areas (LGAs) Name 2021	Australian Statistical Geography Standard	Text	
National Road Type	Geoscape Australia, Transport and Topography	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 23rd	Text	Yes No
Easter Period	Indicates if crash occurred during the 5 days commencing on the Thursday before Good Friday	Text	Yes No
Age Group	Standard age groupings used in the Road Deaths Australia monthly bulletin	Text	0_to_16 17_to_25 26_to_39 40_to_64 65_to 74 75_or_older Unknown
Day of week	Indicates if crash occurred during the weekday or weekend. (Note: 'Weekday' refers to 6am Monday through to 5:59pm Friday)	Text	Weekday Weekend
Time of day	Indicates if crash occurred during the day or night (Note: 'Day' refers to 6am through to 5:59 pm)	Text	Day Night