

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. Every fatal road traffic crash^a 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 *CrashID* field. A full list of fields follows

Note: Missing values for numeric fields are coded with '-9'.

Field	Description	Format	Values
CrashID	National crash identifying number	Integer	8-digit, unique to each fatal crash
State	Australian jurisdiction	Text	Abbreviation for each state/territory
Month	Month of crash	Text	MMMM
Year	Year of crash	Integer	
DayOfWeek	Day of week of crash	Text	
Time	Time of crash	Time	hh:mm
Crash_Type	Code summarising type of crash: three values relating to the number of vehicles involved, and whether a pedestrian was killed	Text	Single Multiple Pedestrian
Number_Fatalities	Number of killed persons (fatalities) in the crash	Integer	
Bus_Involved	Indicates involvement of a bus in the crash	Text	Yes No Unknown
Heavy_Rigid_Truck_Involved	Indicates involvement of a heavy rigid truck in the crash	Text	Yes No Unknown
Articulated_Truck_Involved	Indicates involvement of an articulated truck in the crash	Text	Yes No Unknown

^a The road safety agencies in each jurisdiction use detailed criteria to define road crashes and road deaths. Briefly, a death is classified as resulting from a road crash if the crash occurred on a public road, is unintentional and the death occurred within 30 days from injuries sustained in the crash.

Field	Description	Format	Values
Speed_Limit	Posted speed limit at location of crash	Integer	-9 Unknown 900 Unlimited
Road_User	Road user type of killed person	Text	Driver Passenger Pedestrian Motorcycle rider Motorcycle pillion passenger Bicyclist (includes pillion passengers)
Gender	Sex of killed person	Text	Male Female Unknown
Age	Age of killed person (years)	Integer	-9 Unknown
National_Remoteness_Area	ABS Remoteness Structure	Text	
SA4_Name_2016	Australian Statistical Geography Standard	Text	
LGA_Name_2017	Australian Statistical Geography Standard	Text	
National_Road_Type	PSMA Transport Hierarchy.	Text	
Christmas_Period	Indicates if crash occurred during the 12 days commencing on Dec 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