



Australian Government

Department of Infrastructure,  
Transport, Regional Development  
and Local Government

# Australian Road Deaths Database Online Beginner's Tutorial

- » The web page is divided into a left frame (for field selection) and a right frame (for the results).
- » The database opens showing a default table. Clear this table (bottom right) before commencing.
- » Fields can be expanded to show all their values, and some or all of these values can be used for the report.
- » After ticking each required field (and its values), enter it as a row or as a column (or as a filter) before selecting a new field.
- » The Apply button is selected by default : once a row or column has been chosen, the table will be generated automatically. If the Apply button is unchecked, the results will not appear until Apply is clicked.
- » Once the table has been produced, individual elements in the table can be dragged around the table or discarded.

In the following, examples of several simple reports are given.

## Example 1. Counting Pedestrian fatalities.

Databases
Tables
Fields
Search

Expand the **Counting** field, and tick **Fatalities**

Expand the **Road User type** field and tick **Pedestrian**.

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Counting</b>
	<input checked="" type="checkbox"/>	Fatalities
	<input type="checkbox"/>	Fatal Crashes
<input type="checkbox"/>	<input type="checkbox"/>	<b>State</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Crash type</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Posted speed limit</b>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Road user type</b>
	<input type="checkbox"/>	Driver
	<input type="checkbox"/>	Passenger
	<input checked="" type="checkbox"/>	Pedestrian
		...
<input type="checkbox"/>	<input type="checkbox"/>	<b>Age</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Gender</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Articulated truck involved</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Bus involved</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Date (dd/mm/yyyy)</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Year</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Month</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Day of month</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Day of week</b>

After checking the fields and the values we want, choose whether the output is to go in the rows or the columns (or as a layer or filter).

For simple reports, use **Rows** or **Columns**.

<b>Add:</b>	Row	Column	Layer	Filter
<b>Merge:</b>	Row	Column	Layer	
<b>Name:</b>				Group
	<input checked="" type="checkbox"/> Auto	Apply		

The Apply button is already ticked: the output will be automatically generated.

Try turning this off.

With it off, you will make your selections and then need to click Apply to see the output

## Output from 1:

Counting	: Fatalities	Layer:
Fields	: Road User Type	Filter:
<b>Road User type</b>		
Pedestrian	5,800	
Total	5,800	

Clear Table



### Example 3. A Report with Year Ending Data.

- » Expand the **Date** field down to the month level
- » Check (tick) all the months for **May 2006** through to **April 2007**
- » Use the Grouping box to name your new time period. Type the name and click **Group**.

This new name (perhaps called 'Apr\_07'), can now be ticked like any other value.

<b>Add:</b>	Row	Column	Layer	Filter
<b>Merge:</b>	Row	Column	Layer	
<b>Name:</b>	Type name here			Group
	<input type="checkbox"/> Auto	Apply		

However, for our output, we only want the total shown and don't need the individual months:

- » Use the Field selection tools to **de-select** the original months and ensure that the only the new value (**Apr\_07**) is checked.
- » Add it to the Rows
- » Click Apply.

### Output from 3

Counting :	Fatalities	Layer:
Fields :	Year by Road User Type	Filter:
<b>Road User Type</b>	<b>Year</b>	
<b>Pedestrian</b>	2004	220
	2005	225
	2006	228
	2007	63

[Clear Table](#)

This shows that for the date value of Apr\_07, (which we created to refer to the period May 06 to Apr 07), there were 213 pedestrian deaths.

### Example 4. Fatal Crashes listed by State.

Let's determine how many **fatal crashes** there were during the 12 month period – YE June 2006, and list by **State**.

Clear the above table. Then check the fields as shown in the following:

Databases
Tables
Fields
Search

Choose Fatal Crashes, instead of Fatalities. Click Apply immediately.

Expand the State field, and tick. All the states are selected by default.

After **State** has been selected, put it in the **Rows**.

Expand Date and check the required months. Give this group of months a new name with the Group box.

Click Apply

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Counting
	<input type="checkbox"/>	Fatalities
	<input checked="" type="checkbox"/>	Fatal Crashes
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	State
	<input checked="" type="checkbox"/>	NSW
	<input checked="" type="checkbox"/>	Vic
	<input checked="" type="checkbox"/>	Qld
	<input checked="" type="checkbox"/>	SA
	<input checked="" type="checkbox"/>	...
	<input checked="" type="checkbox"/>	...
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Crash type
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Posted speed limit
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Road user type
<input checked="" type="checkbox"/>	<input type="checkbox"/>	...
<input checked="" type="checkbox"/>	<input type="checkbox"/>	...
<input checked="" type="checkbox"/>	<input type="checkbox"/>	...
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Date (dd/mm/yyyy)
	<input checked="" type="checkbox"/>	Jul 05
	<input checked="" type="checkbox"/>	Sep 05
	<input checked="" type="checkbox"/>	...
	<input checked="" type="checkbox"/>	...
	<input checked="" type="checkbox"/>	May 06
	<input checked="" type="checkbox"/>	June 06
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Year

### Output from 4

Counting	: Fatal Crashes	Layer:
Fields	: State Territory <i>by Date</i>	Filter:
<b>Date</b>	<b>YE June</b>	
<b>State/Territory</b>		
<b>NSW</b>	475	
<b>Vic</b>	295	
<b>Qld</b>	313	
<b>SA</b>	129	
<b>WA</b>	160	
<b>Tas</b>	45	
<b>NT</b>	46	
<b>ACT</b>	18	
		<b>Clear Table</b>

### Example 5. Driver Deaths by Age group

Here we will determine how many drivers were killed in 2006 and display them by the following age-groups:

- » under 19
- » 20-24
- » 25-39
- » 40-59
- » over 59

1. First create the Age groups
2. Expand Age
  - Select the ages in the first group (0 -19 ) and name this group, (perhaps '0-19'). Then click Group. Individual values can be conveniently selected by using the  key.
  - Repeat for each of the other age groups – giving each a different name.

- If necessary, deselect the individual years and select only the named age groups. Add these values to the Rows.
3. Then select from the Road User Type field the Driver value. Add this to the Columns.
  4. Select from the Years field, the year 2006. Add this as a Filter.
  5. Click Apply.

### Output from 5

Counting	: Fatalities	Layer:
Fields	: Age <i>by Road User Type</i>	Filter: Counting Fatalities: Year (2006)
<b>Road User Type</b>	<b>Driver</b>	
<b>Age</b>		
0-19	95	
20-24	129	
25-39	205	
40-59	182	
60 plus	150	
		<b>Clear Table</b>

### Notes

- » You may be **timed-out** while using the database. If this occurs, login again as a Guest.
- » Output tables can be saved in various formats, including Excel and text.
- » Take care when choosing either **Fatalities** or **Fatal Crashes**. If you change this field, you will need to click **Apply** straight away. Always check your output to make sure the correct value is chosen.
- » The database is easier to use if the Apply button is unchecked. More complex tables are not built until all values have been chosen and Apply is clicked.
- » More help is available from the database web page, under Help at the right-top.