



Australian Government

Department of Infrastructure, Transport,
Regional Development, Communications, Sport and the Arts

BITRE

Bureau of Infrastructure and Transport Research Economics

Notice: Discontinued ARDD Fatal Crashes table

From the May 2025 Australian Road Deaths Database update, we are no longer publishing the **bitre_fatal_crashes_mmmmyyyy.csv** file.

As the fatalities and fatal crashes files contained much of the same data, we have attempted to combine both databases in one file – **bitre_fatalities_mmmmyyyy.csv** – publishing data at the most granular level, where each record corresponds to a unique road fatality. This change was to ensure we don't duplicate information and to have a single source of truth.

Users can still obtain the total number of fatal crashes by date in the 'BITRE_Count_By_Date' tab in the spreadsheet.

The total number of fatalities resulting from a particular crash can be obtained using PivotTables and the **Crash ID** field provided in the database – please see Example 1 for more information.

If seeking other summarised information on fatal crashes, users are able to create a PivotTable and do a **Distinct Count of Crash ID**, which identifies the unique crash, not the death. This should be done on crash level fields only i.e. not Gender, Age nor Road User. – Please see Example 2 for more information.

Please get in touch with us at roadsafetystatistics@infrastructure.gov.au if you have further questions about the data or would like to provide feedback on the change. All feedback is appreciated.

Example 1: Calculating total number of fatalities in each crash

Create PivotTable

Choose the data that you want to analyze

☒ Select a table or range

Table/Range:

☐ Use an external data source

Choose Connection...

Connection name:

☐ Use this workbook's Data Model

Choose where you want the PivotTable report to be placed

☒ New Worksheet

☐ Existing Worksheet

Location:

Choose whether you want to analyze multiple tables

☒ Add this data to the Data Model

OK Cancel

| Row Labels | Count of Crash ID |
|---------------------|-------------------|
| 1000561820926647885 | 1 |
| 1003671491934634835 | 1 |
| 1007812025366053458 | 1 |
| 1007955978523723641 | 1 |
| 1008283681749567966 | 1 |
| 1010488305479206968 | 1 |
| 1014036618669719443 | 1 |
| 1014179510718313667 | 1 |
| 1014724716277245244 | 1 |
| 101772039588466471 | 1 |
| 1019874459667332776 | 1 |
| 1020496464681779520 | 1 |
| 1021123303696578796 | 1 |
| 1021538578441170542 | 1 |
| 1022460065171880877 | 1 |
| 1023405917643683729 | 2 |
| 1024619019807901789 | 1 |
| 102711627339957287 | 1 |
| 1027531228756310015 | 1 |
| 1029086412497689341 | 1 |
| 1031377969431250053 | 1 |
| 1034460978230021096 | 1 |
| 1037990272768725043 | 1 |
| 103826597094515679 | 1 |
| 1041880463046364344 | 2 |
| 1042905077519803443 | 2 |
| 1043764169240805049 | 1 |
| 1045400675740384199 | 1 |
| 1047528193106324613 | 2 |
| 1050199927020577416 | 1 |
| 1050436269096777285 | 4 |
| 1053335341044841461 | 1 |

PivotTable Fields

Active All

Choose fields to add to report:

Search

Range

☒ Crash ID

☐ State

☐ Month

☐ Year

☐ Dayweek

☐ Time

☐ Crash Type

Drag fields between areas below:

Filters

Columns

Rows

Crash ID

Values

Count of Crash ID

Defer Layout Update

Update

Example 2: Summarised information on fatal crashes – by Year and State

Create PivotTable

Choose the data that you want to analyze

☒ Select a table or range

Table/Range:

☐ Use an external data source

Connection name:

☐ Use this workbook's Data Model

Choose where you want the PivotTable report to be placed

☒ New Worksheet

☐ Existing Worksheet

Location:

Choose whether you want to analyze multiple tables

☒ Add this data to the Data Model

| Distinct Count of Crash ID | Column Labels | NSW | NT | QLD | SA | TAS | VIC | WA | Grand Total |
|----------------------------|---------------|-----|----|-----|-----|-----|-----|-----|-------------|
| Row Labels | ACT | | | | | | | | |
| 1989 | 26 | 784 | 57 | 376 | 201 | 68 | 681 | 214 | 2407 |
| 1990 | 24 | 702 | 54 | 347 | 187 | 63 | 492 | 181 | 2050 |
| 1991 | 16 | 585 | 60 | 359 | 166 | 66 | 435 | 187 | 1874 |
| 1992 | 18 | 576 | 42 | 363 | 142 | 59 | 365 | 171 | 1736 |
| 1993 | 11 | 518 | 41 | 357 | 191 | 47 | 381 | 191 | 1737 |
| 1994 | 15 | 552 | 36 | 364 | 143 | 52 | 345 | 195 | 1702 |
| 1995 | 14 | 563 | 56 | 408 | 163 | 53 | 371 | 194 | 1822 |
| 1996 | 17 | 538 | 58 | 338 | 162 | 53 | 382 | 220 | 1768 |
| 1997 | 17 | 525 | 56 | 321 | 123 | 29 | 346 | 184 | 1601 |
| 1998 | 20 | 491 | 59 | 257 | 152 | 47 | 348 | 199 | 1573 |
| 1999 | 17 | 506 | 44 | 273 | 132 | 47 | 345 | 189 | 1553 |
| 2000 | 16 | 543 | 48 | 275 | 151 | 38 | 373 | 184 | 1628 |
| 2001 | 15 | 486 | 43 | 296 | 137 | 52 | 404 | 151 | 1584 |
| 2002 | 8 | 501 | 40 | 283 | 138 | 35 | 361 | 159 | 1525 |
| 2003 | 10 | 483 | 44 | 284 | 136 | 39 | 294 | 155 | 1445 |
| 2004 | 9 | 458 | 34 | 289 | 128 | 52 | 312 | 162 | 1444 |
| 2005 | 25 | 459 | 51 | 296 | 127 | 49 | 314 | 151 | 1472 |
| 2006 | 12 | 449 | 41 | 313 | 104 | 43 | 309 | 181 | 1452 |
| 2007 | 14 | 405 | 47 | 338 | 107 | 39 | 289 | 214 | 1453 |
| 2008 | 14 | 353 | 67 | 294 | 87 | 37 | 278 | 185 | 1315 |
| 2009 | 11 | 409 | 31 | 296 | 104 | 52 | 268 | 176 | 1347 |
| 2010 | 16 | 365 | 46 | 236 | 105 | 29 | 260 | 176 | 1233 |
| 2011 | 6 | 336 | 38 | 227 | 95 | 23 | 259 | 167 | 1151 |
| 2012 | 12 | 336 | 40 | 255 | 86 | 29 | 261 | 171 | 1190 |
| 2013 | 7 | 316 | 33 | 246 | 90 | 35 | 225 | 148 | 1100 |
| 2014 | 10 | 285 | 34 | 199 | 96 | 31 | 223 | 172 | 1050 |
| 2015 | 14 | 326 | 42 | 219 | 96 | 32 | 231 | 142 | 1102 |
| 2016 | 10 | 356 | 40 | 238 | 76 | 33 | 275 | 172 | 1200 |
| 2017 | 5 | 351 | 27 | 228 | 93 | 31 | 240 | 152 | 1127 |
| 2018 | 9 | 326 | 42 | 224 | 75 | 31 | 202 | 146 | 1055 |
| 2019 | 6 | 329 | 28 | 196 | 110 | 29 | 248 | 152 | 1098 |

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Active All

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Search

Range

☒ Crash ID

☒ State

☐ Month

☒ Year

☐ Dayweek

☐ Time

☐ Crash Type

Drag fields between areas below:

Filters

Columns

State

Rows

Year

Values

Distinct Count of Crash ID

☐ Defer Layout Update