



# 2014 ANALYSIS OF THE VICTORIAN ROAD TOLL

## FATALITIES AND SERIOUS INJURIES

---

### Table of Contents

|   |           |
|---|-----------|
| <b>SOME KEY FINDINGS .....</b>  | <b>2</b>  |
| <b>2014 VICTORIAN ROAD FATALITIES .....</b>                                 | <b>3</b>  |
| OVERVIEW.....   | 3         |
| KEY CHANGES.....  | 7         |
| ROAD USERS .....  | 8         |
| CRASH TYPES.....  | 9         |
| FACTORS / COMPONENTS OF INDIVIDUAL ROAD TRAUMA - FATALITIES.....            | 10        |
| CHRISTMAS ROAD TOLL (23RD DECEMBER 2014 TO 3RD JANUARY 2015 INCLUSIVE)..... | 11        |
| <b>2013-2014 VICTORIAN SERIOUS INJURIES .....</b>                           | <b>12</b> |
| OVERVIEW.....   | 12        |
| KEY CHANGES.....  | 14        |
| ROAD USERS .....  | 16        |
| CRASH TYPES.....  | 17        |
| FACTORS / COMPONENTS OF INDIVIDUAL ROAD TRAUMA – SERIOUS INJURIES.....      | 18        |

The purpose of this report is to provide an overview of Victoria's road fatalities and serious injuries, highlighting any key changes or emerging trends. The report focuses on the people, activities and situations relating to road trauma and is not an analysis of responsibility.

**Some key findings:**

- 249 deaths on Victoria's roads in 2014 - six more (2%) than in 2013
- 5098 serious injuries for the 12 months ending June 2014 - 157 (3%) less than for the same period in 2013
- 224 fatal crashes, one less than in 2013 and the lowest number of fatal crashes on record
- Country deaths (137) continue to be higher than in metropolitan Melbourne (112)
- Victoria recorded 4.26 deaths per 100,000 population compared to 5.14 for the rest of Australia
- Victoria's fatality rate per 100,000 population is amongst the lowest 12 OECD countries, and the 5th lowest per 10,000 registered vehicles
- Heavy vehicles - the number of fatal crashes involving heavy vehicles doubled in 2014 compared to 2013 (56 killed in 2014 compared to 28 in 2013). Serious injuries involving heavy vehicles were 22% down.
- Motorcyclists - fatalities dropped 25% (30 in 2014 compared to 40 in 2013), however serious injuries were up by 11%
- Pedestrians - fatalities increased with 44 in 2014 compared to 36 in 2013, but encouragingly serious injuries had dropped.
- Older cyclists - 80% of cyclists killed in 2014 were 50 years or older.

## 2014 Victorian Road Fatalities

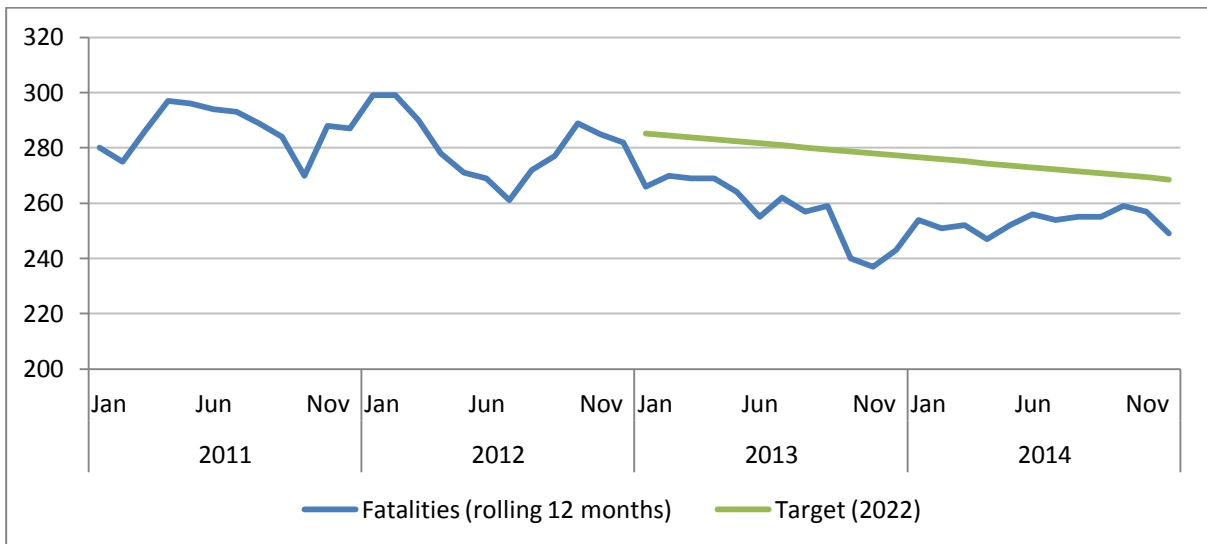
### Overview

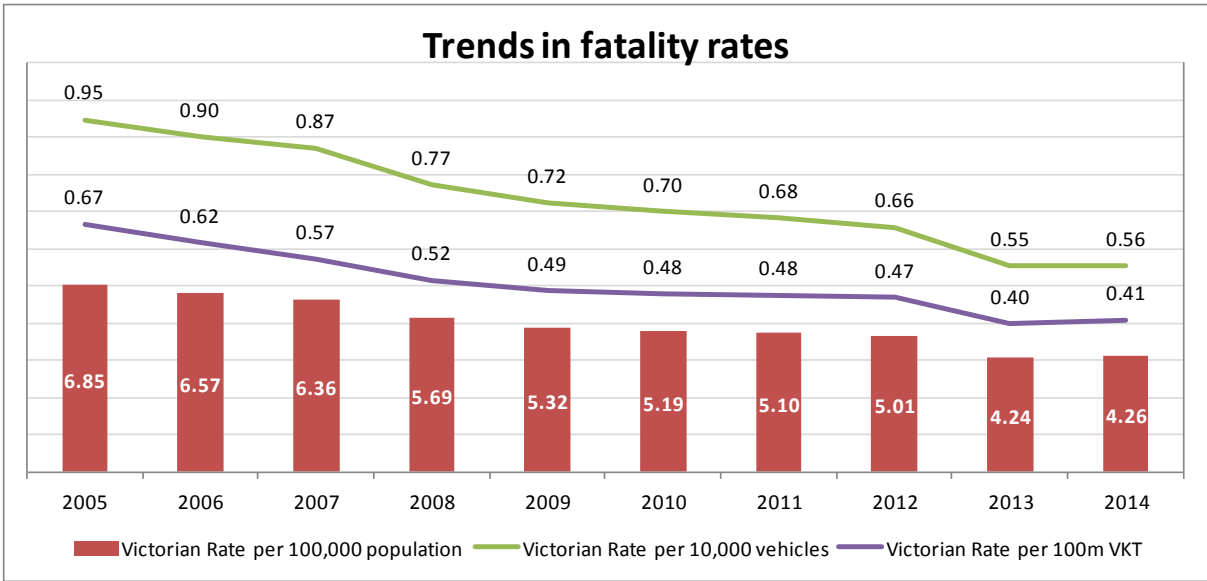
There were 249 deaths on Victoria’s roads in 2014. This is six (2%) more than in 2013, 22 (8%) less than the 2011 to 2013 three year average and the second lowest road toll since 1924.

Country deaths (137) continue to be higher than in metropolitan Melbourne (112), despite a ten per cent increase in metropolitan Melbourne and a three per cent decrease in the country in 2014 compared to 2013.

There were 224 fatal crashes in Victoria, one less than in 2013 and the lowest number of fatal crashes on record.

**As at the end of 2014, road fatalities are eight per cent lower than the trend required to meet the 30% reduction target by 2022.**





**Jurisdictional Comparisons**

Victoria recorded 4.26 deaths per 100,000 population compared to 5.14 for the rest of Australia in 2014.<sup>1</sup>

Compared to international jurisdictions Victoria’s rate is among the lowest twelve OECD countries with Iceland, Sweden, Denmark and the UK having the lowest fatality rates of 2.82 to 2.99 deaths per 100,000 population (2012 data).

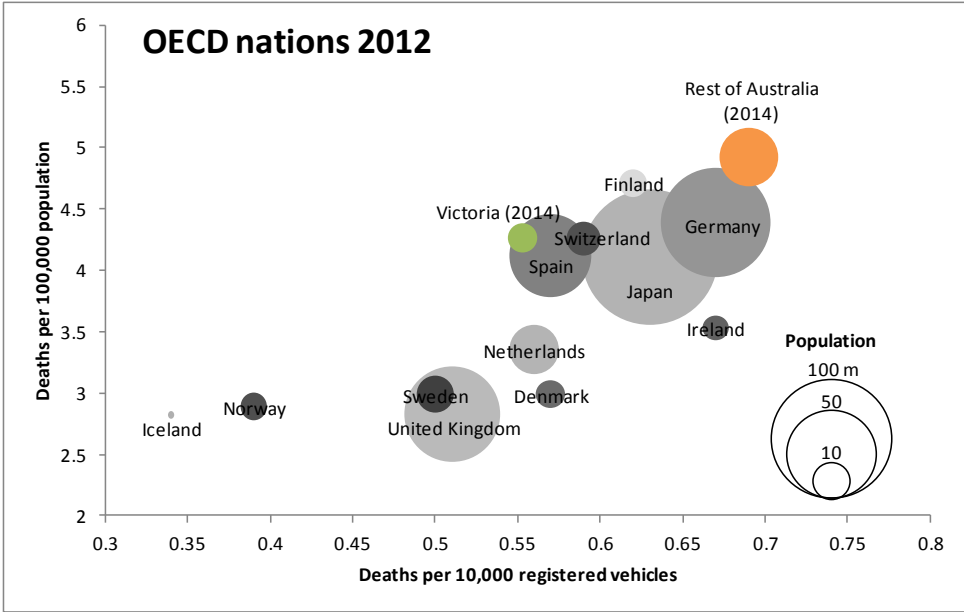
Victoria recorded 0.56 deaths per 10,000 vehicles<sup>2</sup> compared to 0.69 for the rest of Australia in 2014.<sup>3</sup>

Compared to international jurisdictions Victoria’s rate is the fifth lowest compared to OECD countries with Iceland, Norway, Sweden and the UK having the lowest rates of deaths per 10,000 registered vehicles of 0.34 to 0.51 (2012 data).

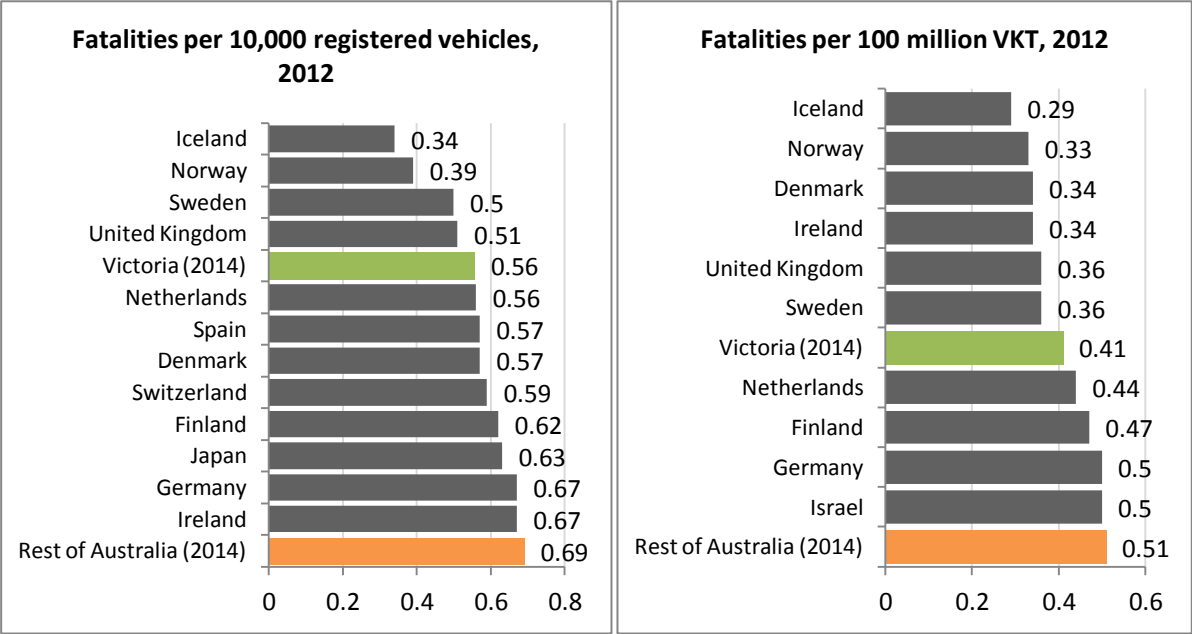
<sup>1</sup> From ABS Report 3101.0 Australian Demographic Statistics (Released 18 December 2014) Based on estimated road toll of 907 for rest of Australia.

<sup>2</sup> From ABS Report 9309.0 Motor Vehicle Census 31 Jan 2012 (Released 23 July 2013)

<sup>3</sup> Based on estimated road toll of 907 for rest of Australia.



Victoria recorded 0.41 deaths per 100 million VKT<sup>4</sup> compared to 0.51 for the rest of Australia in 2014. Relative to international jurisdictions Victoria's rate is the seventh lowest compared to OECD countries with Iceland, Norway, Denmark, Ireland, the UK and Sweden having the lowest rates of deaths per 100 million VKT of 0.29 to 0.36 (2012 data).

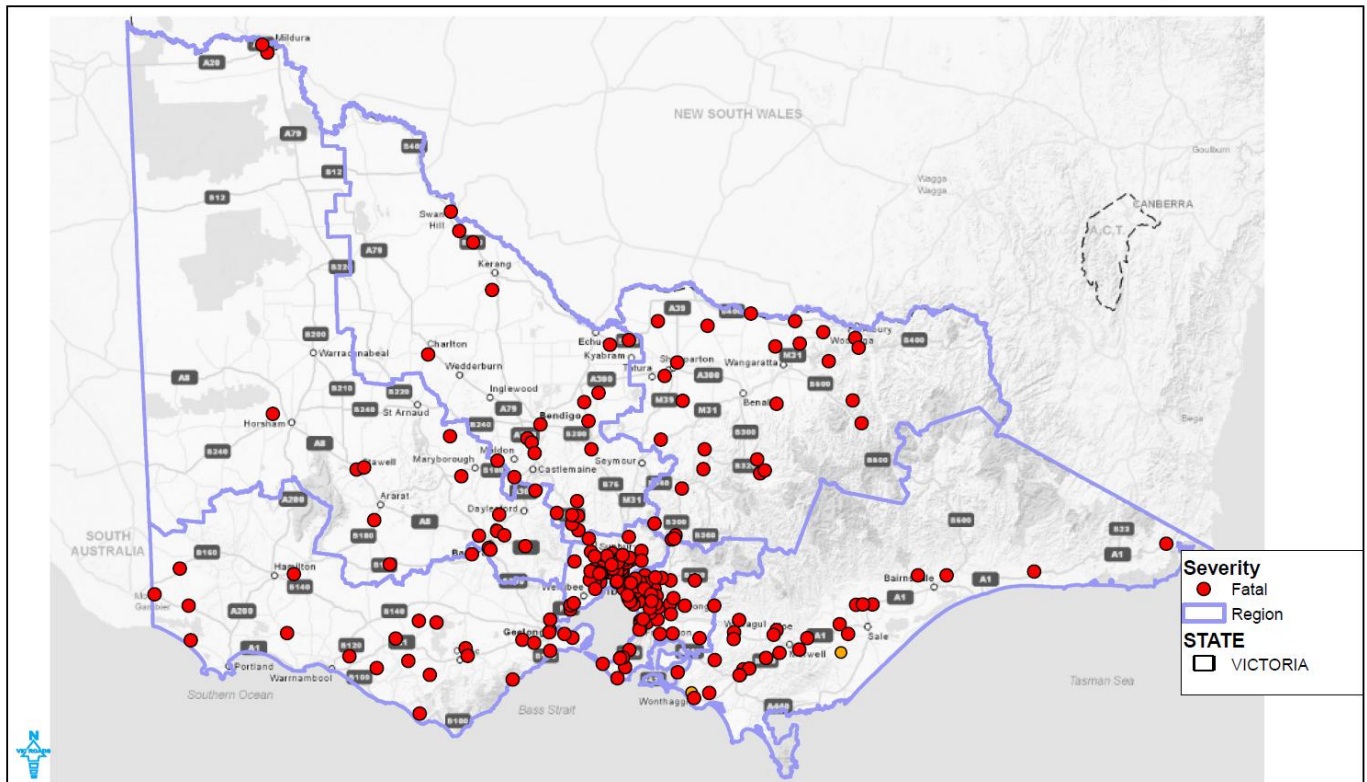


<sup>4</sup> From ABS Report 9208.0 Survey of Motor Usage 30 Jun 2012 (Released 23 April 2013) Extrapolated 2014 figures from 2012 and previous reports.

### State road fatalities to midnight 31 December 2014

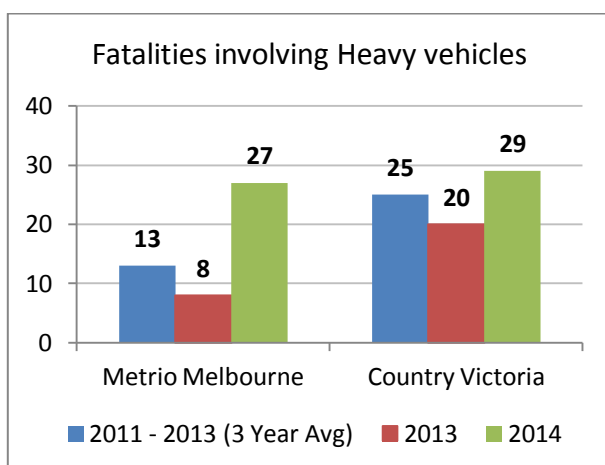
| Road User         | 2014            |                  |            | 2013            |                  |            | 2011 to 2013 (3 Year Avg) |                  |            |
|-------------------|-----------------|------------------|------------|-----------------|------------------|------------|---------------------------|------------------|------------|
|                   | METRO MELBOURNE | COUNTRY VICTORIA | TOTAL      | METRO MELBOURNE | COUNTRY VICTORIA | TOTAL      | METRO MELBOURNE           | COUNTRY VICTORIA | TOTAL      |
| Driver            | 39              | 76               | <b>115</b> | 33              | 88               | <b>121</b> | 41                        | 88               | <b>130</b> |
| Passenger         | 22              | 28               | <b>50</b>  | 14              | 25               | <b>39</b>  | 24                        | 27               | <b>51</b>  |
| Pedestrian        | 30              | 14               | <b>44</b>  | 31              | 5                | <b>36</b>  | 30                        | 10               | <b>40</b>  |
| Motorcyclist      | 17              | 13               | <b>30</b>  | 20              | 20               | <b>40</b>  | 19                        | 22               | <b>41</b>  |
| Pillion Passenger | 0               | 0                | <b>0</b>   | 1               | 0                | <b>1</b>   | 1                         | 2                | <b>2</b>   |
| Cyclist           | 4               | 6                | <b>10</b>  | 3               | 3                | <b>6</b>   | 4                         | 3                | <b>7</b>   |
| <b>Total</b>      | <b>112</b>      | <b>137</b>       | <b>249</b> | <b>102</b>      | <b>141</b>       | <b>243</b> | <b>120</b>                | <b>151</b>       | <b>271</b> |

### Map of Victorian fatal crashes during 2014



## Key Changes

- **Heavy vehicle involvement** - There has been an increase in the number of heavy vehicle involved fatal crashes and fatalities. In 2014, there were 48 fatal crashes with 56 people killed. This is a 100 per cent increase in fatalities over 2013, which had 25 fatal crashes in which 28 people were killed. Fatalities involving heavy vehicles accounted for 22 per cent of all fatalities in 2014, compared to ten per cent in 2013.



| Heavy vehicle involved fatal crashes |      |      |
|--------------------------------------|------|------|
| Number of Fatalities per crash       | 2014 | 2013 |
| 1                                    | 43   | 22   |
| 2                                    | 3    | 3    |
| 3                                    | 1    | 0    |
| 4                                    | 1    | 0    |

- **Multiple fatality crashes** - In 2014, 18 fatal crashes resulted in multiple fatalities where 43 persons were killed, seven more people than were killed in multiple fatality crashes in 2013.

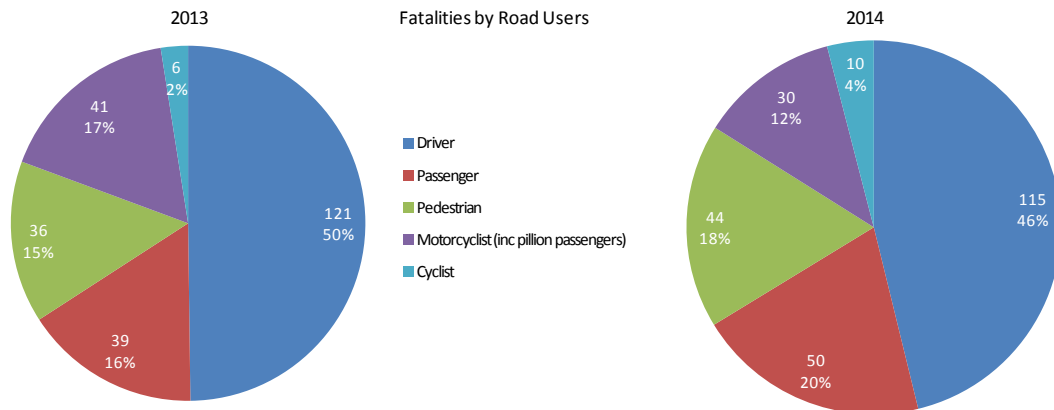
| Fatal crashes                  |      |      |
|--------------------------------|------|------|
| Number of Fatalities per crash | 2014 | 2013 |
| 1                              | 206  | 207  |
| 2                              | 13   | 18   |
| 3                              | 3    | 0    |
| 4                              | 2    | 0    |

## Vulnerable Road Users

Key issues include:

- **Motorcyclists** – Of the 30 motorcyclist fatalities, 19 occurred during the hours of 9AM and 6PM, while twelve occurred at intersections.
- **Pedestrians** - In 2014, one in every 18 fatalities was a pedestrian in country Victoria (14 deaths). In 2013, this was one in every 49 fatalities occurring (5 deaths).
- **Pedestrians** – Thirteen pedestrians of 44 were killed between the hours of 8pm and 6am and 12 were killed in a dark environment where street lighting was not present.
- **Cyclists** - Sixty per cent of cyclists killed were 65 years or older and 80 per cent were 50 years or older. All cyclists killed (10) were aged 47 and above.
- **Cyclists** – Six of the ten cyclists killed were on 100 km/h roads in country Victoria.
- **Young passengers** - Six passengers aged 7 and under were killed in 2014. None were killed in 2013. The road rules state that children under the age of 7 years must be restrained in a suitable and properly fashioned and adjusted approved child restraint.

## Road users



### Drivers & passengers:

- ↓ **115 drivers killed**, ↓ 6 compared with 2013, ↓ 15 compared with 3 year average (2011 to 2013).
- ↓ **Lowest driver toll on record**, with the second lowest being 121 in 2013.
- ↓ **Young drivers (18-25)**, 24 deaths (21% of drivers killed), ↓ 2 (9%) compared to 2013, ↓ 6 (20%) compared to 3 year average.
- ↓ **Older drivers (75 and older)**, 13 deaths (11% of drivers killed), ↓ 12 (48%) compared to 2013, ↓ 7 (35%) compared to 3 year average.
- ↑ **50 passengers killed**, ↑ 11 compared to 2013, ↓ 1 compared with 3 year average. 22 of the 50 fatalities occurred in metropolitan Melbourne, ↑ 8 compared with 2013.
- ↓ **18 drivers and passengers killed not wearing a seatbelt**, ↓ 10 compared to 2013. Of these, 15 were drivers and 3 were passengers. 11 occurred in country Victoria, 11 occurred in run off road crashes and 11 were killed on high speed roads (80km/h or higher).

### Vulnerable Road Users

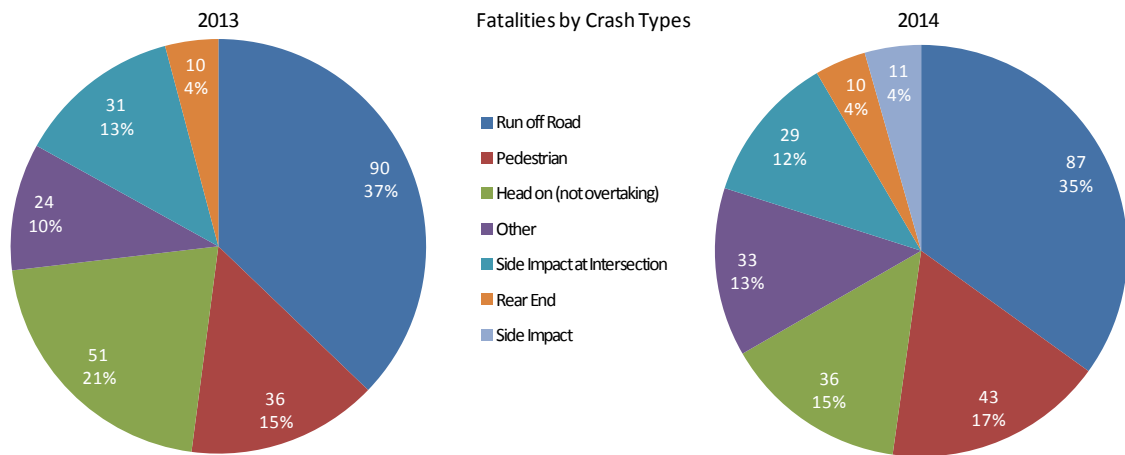
- ↑ **44 pedestrians killed**, ↑ 8 (22%) compared with 2013, ↑ 4 compared with 3 year average.
- ↓ **15 older pedestrians killed**, ↓ 5 (25%) compared with 2013, ↓ 2 (12%) compared with 3 year average.
- ↓ **30 motorcyclists killed**, ↓ 10 (25%) compared with 2013, ↓ 11 (27%) compared with 3 year average. 13 were killed in country Victoria, ↓ 7 (35%) compared to 2013.
- ↑ **10 cyclists killed**, ↑ 4 compared with 2013. 6 were killed on 100km/h roads. 3 occurred in metropolitan Melbourne.

### Heavy Vehicles

- ↑ **56 people killed involving a heavy vehicle**, ↑ 28 compared with 2013, ↑ 18 compared with 3 year average.



## Crash Types



- ↓ **224 fatal crashes in 2014**, ↓ 1 compared with 2013.
- ↓ **121 fatal crashes in country Victoria**, ↓ 6 compared with 2013.
- ↓ **102 fatal crashes in metropolitan Melbourne** ↑ 5 compared with 2013.

- ↓ **87 fatalities resulted from run-off road crashes**, ↓ 3 (3%) compared with 2013.
  - ↑ **25 occurred in metropolitan Melbourne**, ↑ 2 (9%) compared with 2013.
  - ↓ **62 occurred in country Victoria**, ↓ 5 (7%) compared with 2013.

- ↓ **36 fatalities resulted from head on (not overtaking) crashes**, ↓ 15 (29%) compared with 2013.
  - ↓ **25 occurred in country Victoria**, ↓ 13 (34%) compared with 2013 and represent 69% of total head on (not overtaking) fatalities.

- ↓ **29 fatalities resulted from side impact at intersection crashes**, ↓ 2 (6%) compared with 2013.
  - ↓ **13 occurred in country Victoria**, ↓ 4 (24%) compared with 2013 and represent 45% of total side impact at intersection fatalities.

- ↑ **121 fatal crashes occurred on 100+ km/h speed roads**, ↑ 15 (14%) compared with 2013, ↑ 8 (7%) compared with 3 year average.
  - ↑ **99 (40%) of fatal crashes occurred on 100+ km/h country Victoria roads**, ↑ 9 compared with 2013.

- ↓ **17 fatal crashes occurred on lower speed roads (<=50 km/h)**, ↑ 1 compared with 2013, ↓ 9 compared with 3 year average.
  - ↓ **12 occurred in metropolitan Melbourne**, ↓ 4 compared with 2013, ↓ 10 compared with 3 year average.

| FATALITIES  | 2014       |             | 2013       |             | 2011-2013<br>(3 year average) |             | % change<br>2014 vs<br>2013 | % change<br>2014 vs<br>3 year average |
|---|------------|-------------|------------|-------------|-------------------------------|-------------|-----------------------------|---------------------------------------|
|   | No.        | %           | No.        | %           | No.                           | %           |                             |                                       |
| <b>TOTAL PERSONS KILLED</b>   | <b>249</b> | <b>100</b>  | <b>243</b> | <b>100</b>  | <b>271</b>                    | <b>100</b>  | <b>2.5</b>                  | <b>-8.1</b>                           |
| <b>Factors / Components of individual road trauma †</b>                 |            |             |            |             |                               |             |                             |                                       |
| High speed rural roads  | 105        | 42.2        | 110        | 45.3        | 113                           | 41.7        | -4.5                        | -7.1                                  |
| Intersections in 60 zones   | 25         | 10.0        | 28         | 11.5        | 35                            | 12.9        | -10.7                       | -28.6                                 |
| Residential Streets (40 and 50 zones)                                   | 15         | 6.0         | 18         | 7.4         | 26                            | 9.6         | -16.7                       | -42.3                                 |
| Same direction vehicle crashes  | 13         | 5.2         | 15         | 6.2         | 15                            | 5.5         | -13.3                       | -13.3                                 |
| Distracted drivers and riders   | N/A        | N/A         | N/A        | N/A         | N/A                           | N/A         | N/A                         | N/A                                   |
| Drink and drug driving*   | 36         | 14.5        | 36         | 14.8        | 48                            | 17.7        | 0.0                         | -25.0                                 |
| Fatigued / drowsy drivers and riders                                    | N/A        | N/A         | N/A        | N/A         | N/A                           | N/A         | N/A                         | N/A                                   |
| Speeding drivers and riders*  | 46         | 18.5        | 51         | 21.0        | 59                            | 21.8        | -9.8                        | -22.0                                 |
| Cyclists in urban areas   | 1          | 0.4         | 2          | 0.8         | 1                             | 0.4         | -50.0                       | 0.0                                   |
| Heavy vehicles  | 56         | 22.5        | 28         | 11.5        | 38                            | 14.0        | 100.0                       | 47.4                                  |
| Motorcyclists   | 30         | 12.0        | 41         | 16.9        | 43                            | 15.9        | -26.8                       | -30.2                                 |
| Involve older drivers (60 & older)                                      | 70         | 28.1        | 86         | 35.4        | 76                            | 28.0        | -18.6                       | -7.9                                  |
| Pedestrians in urban areas  | 32         | 12.9        | 33         | 13.6        | 35                            | 12.9        | -3.0                        | -8.6                                  |
| Involve younger drivers (18-25 years)                                   | 52         | 20.9        | 51         | 21.0        | 72                            | 26.6        | 2.0                         | -27.8                                 |
| <b>OVERALL ROAD TRAUMA INVOLVING<br/>ONE OR MORE COMPONENTS ABOVE †</b> | <b>234</b> | <b>94.0</b> | <b>235</b> | <b>96.7</b> | <b>259</b>                    | <b>95.6</b> | <b>-0.4</b>                 | <b>-9.7</b>                           |

Notes: There is currently insufficient data to provide distracted or fatigued road statistics within this report.

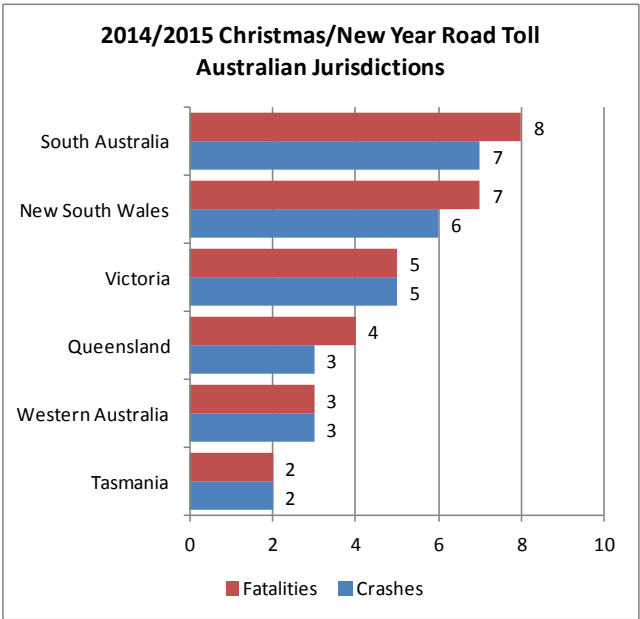
Older drivers, younger drivers, drink and drug driving and speeding drivers and riders include fatalities involved with road users of these characteristics.

\* Based on preliminary findings from police members first on scene.

† Note that persons killed may be counted under multiple trauma components given multiple factors in crashes e.g. a drunk driver injured on a high speed road.

### Christmas Road Toll (23rd December 2014 to 3rd January 2015 inclusive)

- For the 2014/2015 Christmas Holiday Period, there were five fatalities in five separate crashes in Victoria, one more than for the Christmas Holiday Period in 2013/2014. The fatalities in Victoria represent 18 per cent of the national Christmas Holiday Period road toll which stands at 28.
- Compared with previous years, the average number of fatal crashes per day (0.41) for the 2014/2015 Christmas Holiday Period was lower than the three year average (0.61). A summary of holiday road toll fatalities is provided below.



## 2013-2014 Victorian Serious Injuries

### Overview

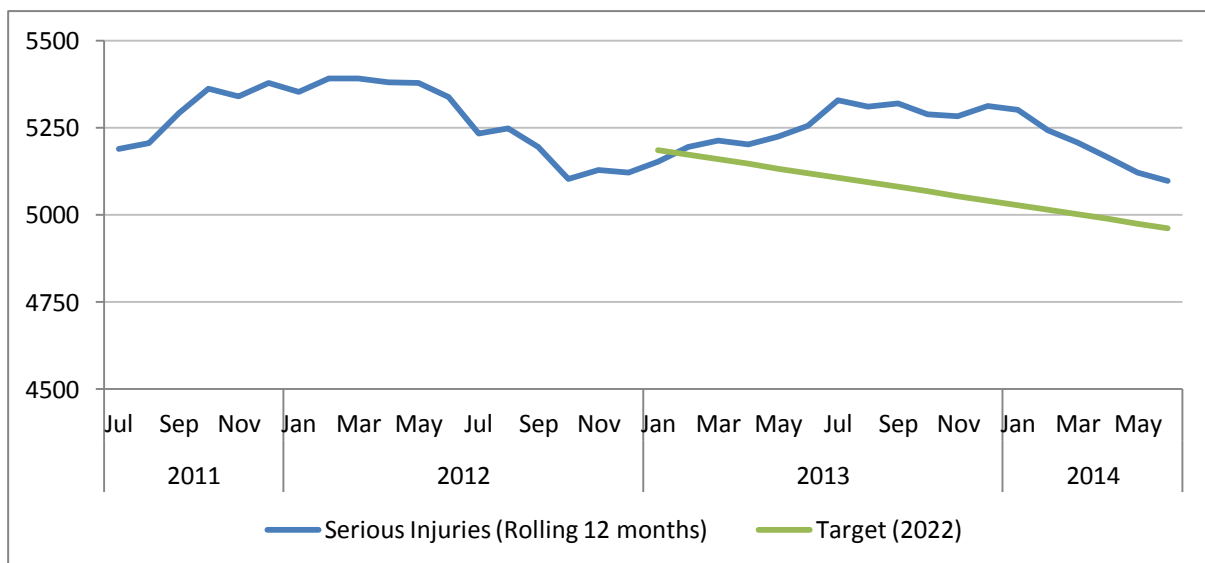
There were 5098 serious injuries<sup>5</sup> on Victoria’s roads for the 12 months ending June 2014, 157 (3%) less than for the same period ending June 2013.

Of these 3283 (64%) occurred in metropolitan Melbourne, down four per cent and 1811 (36%) occurred in country Victoria up one per cent.

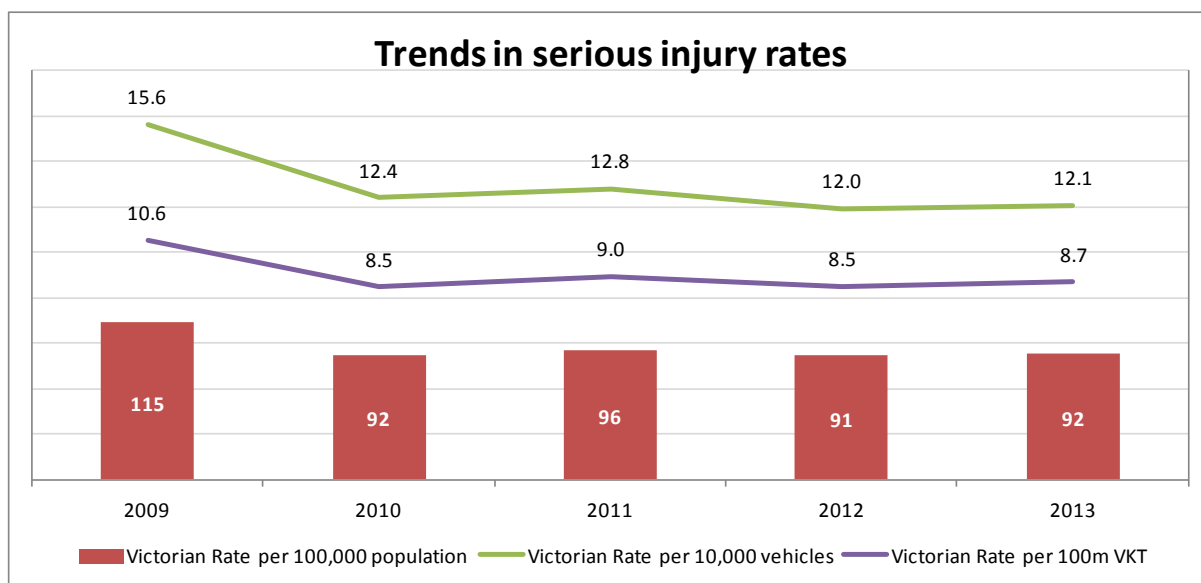
There were 4,375 serious injury crashes, 134 (3%) less than in 2012-2013 and 80 (2%) less than the 3 year average (2010-2011 to 2012-2013).

2,879 serious injury crashes occurred in metropolitan Melbourne, 171 (6%) less than in 2012-2013. 1,492 serious injury crashes occurred in country Victoria, 35 (2%) more than in 2012-2013.

**As at the end of 2013-2014, serious injuries are three per cent higher than the trend required to meet the 30% reduction target by 2022.**



<sup>5</sup> Serious injury defined as admitted to hospital.



### State serious injuries for the 12 months ending midnight 30 June 2014

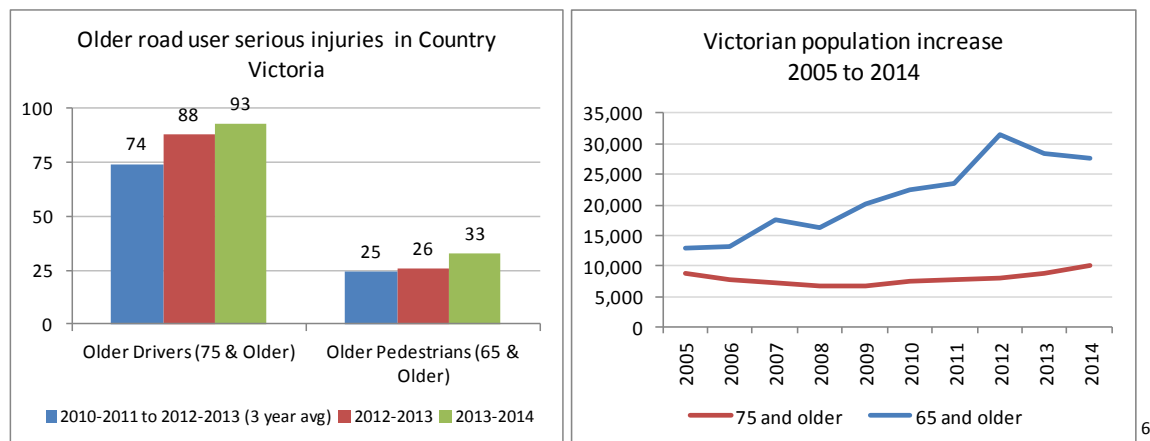
| Road User                    | 2013-2014          |                     |             | 2012-2013          |                     |             | 2010-2011 to 2012-2013<br>(3 Year Avg) |                     |             |
|------------------------------|--------------------|---------------------|-------------|--------------------|---------------------|-------------|--|---------------------|-------------|
|                              | METRO<br>MELBOURNE | COUNTRY<br>VICTORIA | TOTAL*      | METRO<br>MELBOURNE | COUNTRY<br>VICTORIA | TOTAL*      | METRO<br>MELBOURNE                     | COUNTRY<br>VICTORIA | TOTAL*      |
| <b>Driver</b>                | 1438               | 879                 | <b>2319</b> | 1523               | 866                 | <b>2390</b> | 1523                                   | 883                 | <b>2413</b> |
| <b>Passenger</b>             | 498                | 357                 | <b>856</b>  | 539                | 392                 | <b>931</b>  | 535                                    | 399                 | <b>934</b>  |
| <b>Pedestrian</b>            | 435                | 93                  | <b>529</b>  | 485                | 84                  | <b>569</b>  | 507                                    | 93                  | <b>603</b>  |
| <b>Motorcyclist</b>          | 532                | 391                 | <b>923</b>  | 516                | 351                 | <b>868</b>  | 481                                    | 333                 | <b>821</b>  |
| <b>Pillion<br/>Passenger</b> | 17                 | 18                  | <b>35</b>   | 19                 | 18                  | <b>37</b>   | 20                                     | 17                  | <b>37</b>   |
| <b>Cyclist</b>               | 355                | 65                  | <b>420</b>  | 358                | 89                  | <b>447</b>  | 361                                    | 67                  | <b>428</b>  |
| <b>Unknown</b>               | 8                  | 8                   | <b>16</b>   | 10                 | 3                   | <b>13</b>   | 6                                      | 2                   | <b>8</b>    |
| <b>Total</b>                 | <b>3283</b>        | <b>1811</b>         | <b>5098</b> | <b>3450</b>        | <b>1803</b>         | <b>5255</b> | <b>3432</b>                            | <b>1794</b>         | <b>5244</b> |

\* Please note that the total figures may not equal the metro & country figures due to missing location details

## Key Changes

### Older road users

- **Drivers** - Older driver (aged 75 and older) serious injuries within country Victoria increased, with 93 in 2013-2014, five (6%) more than in 2012-2013 and 19 (25%) more than the 3 year average.
- **Pedestrians** - In 2013-2014 pedestrian serious injuries in metropolitan Melbourne were 435, 50 (10%) less than in 2012-2013 and 72 (14%) less than the 3 year average.
- **Pedestrians** - However, older pedestrian (aged 65 and older) serious injuries in country Victoria have increased. There were 33 serious injuries in 2013-2014, seven (27%) more than in 2012-2013 and eight (34%) more than the 3 year average.
- **Population** - In the 12 months to 30 June 2014, the number of people aged 65 years and over within Victoria increased by 27,606 people, representing a 3.3% increase.



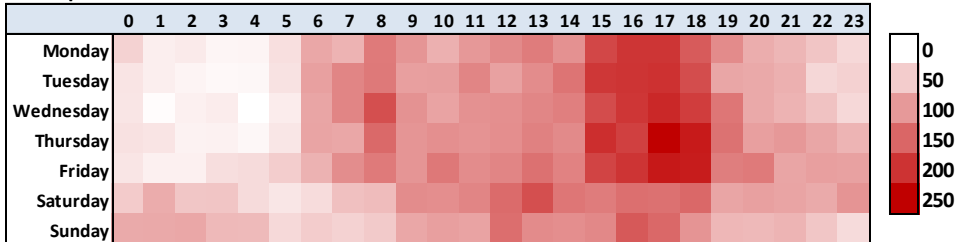
- **Younger road users** - In 2013-2014 there were 357 serious injuries for people aged 17 or less, 56 (18%) less than 2012-2013 and 88 (25%) less than the 3 year average.
- **Time of day** - Serious injuries in metropolitan Melbourne between 7PM and 12PM have decreased in 2013-2014 with 610 occurring, 120 (16%) less than 2012-2013 and 111 (15%) less than the 3 year average.

<sup>6</sup> From ABS Report 3101.0 Australian Demographic Statistics June 2014 (Released 18 Dec 2014)

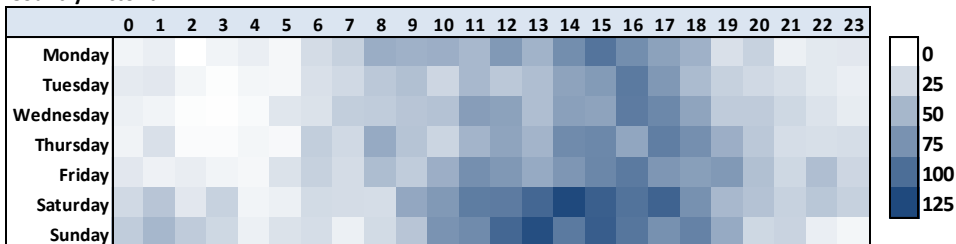
- **Time of day** - Over the last 5 years, more serious injuries in metropolitan Melbourne occur on a weekday between 3 and 5 PM, whereas in country Victoria, more serious injuries occur on a weekend early afternoon, between 12 and 5 PM.

### Serious Injuries by time of day and day of week - June 2010 to June 2014

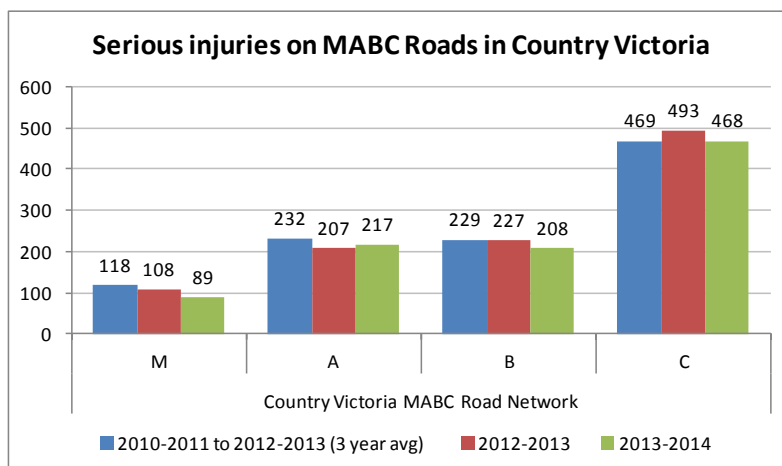
Metropolitan Melbourne



Country Victoria

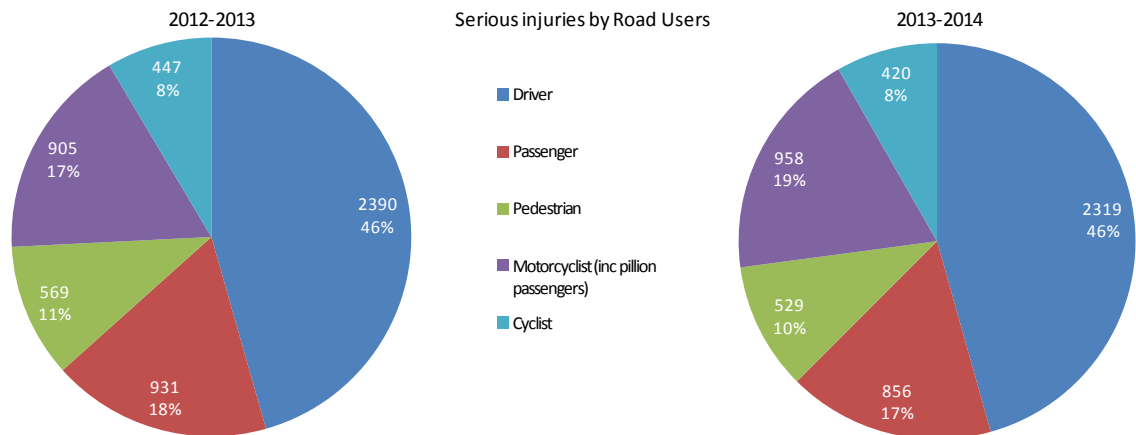


- **Motorcyclists** - In 2013-2014 there were 409 motorcyclist serious injuries in rural Victoria, 40 (11%) more than in 2012-2013 and 60 (17%) more than the 3 year average.
- **Heavy vehicle involved** – crashes involving heavy vehicles resulting in a serious injury were lower in metropolitan Melbourne compared with 2012-2013. There were 134 serious injuries in 2013-2014, 37 (22%) less than 2012-2013 and 26 (16%) less than the 3 year average.
- **Road class<sup>7</sup>** - M class roads in country Victoria had 89 serious injuries, 19 (18%) less than in 2012-2013 and 29 (24%) less than the 3 year average. Serious injuries on C class roads totalled 468, which made up 26% of all country Victoria serious injuries.



<sup>7</sup> Refer to <https://www.vicroads.vic.gov.au/traffic-and-road-use/road-network-and-performance/types-of-roads/victorias-route-number-signs> for definitions of the SRNS road classes within rural Victoria

## Road users



### Drivers & Passengers

↓ **2,319 driver serious injuries**, ↓ 71 (3%) compared with 2012-2013, ↓ 94 compared with 3 year average (2010-2011 to 2012-2013).

↓ **511 (22%) of drivers seriously injured were young drivers (aged 18-25)**, ↓ 43 (8%) compared with 2012-2013, ↓ 52 (9%) compared with 3 year average.

↓ **248 (11%) drivers seriously injured were older drivers (75 Years & older)**, ↓ 14 (5%) compared with 2012-2013, ↑ 26 (12%) compared with 3 year average.

↓ **202 drivers and passengers seriously injured were not wearing a seatbelt**, ↓ 13 (6%) compared with 2012-2013.  
129 were drivers and 73 were passengers. 83 occurred in country Victoria.

↓ **856 passenger serious injuries**, ↓ 75 (8%) compared with 2012-2013, ↓ 78 (8%) compared with 3 year average.

### Vulnerable road users

↓ **529 pedestrian serious injuries**, ↓ 40 (7%) compared with 2012-2013, ↓ 74 (12%) compared with three year average.

↑ **532 motorcyclist serious injuries**, ↑ 14 (3%) compared with 2012-2013, ↑ 47 (9%) compared with three year average.

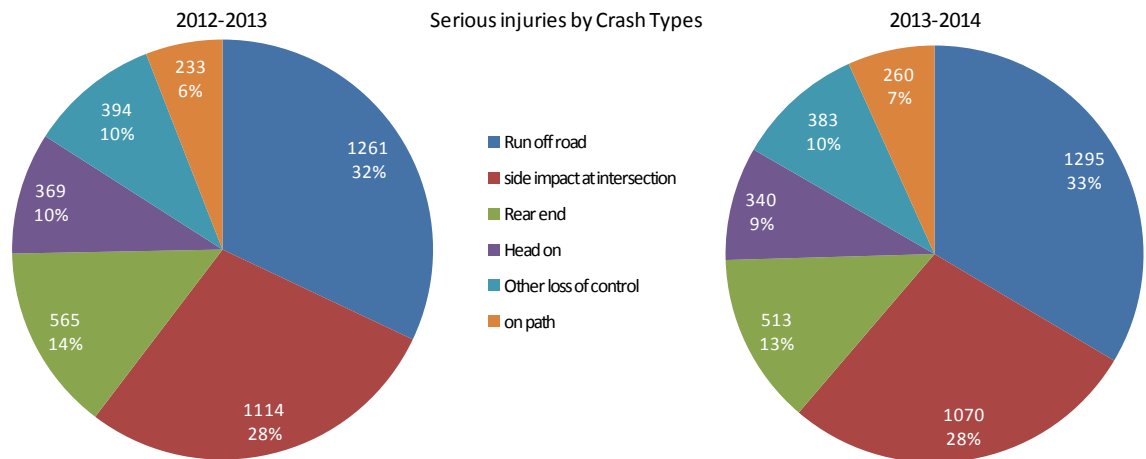
↓ **65 cyclist serious injuries in rural Victoria**, ↓ 24 (27%) compared with 2012-2013, ↓ 2 (3%) compared with three year average.

### Heavy vehicles

↓ **246 serious injuries involved crashes with heavy vehicles**, ↓ 36 (13%) compared with 2012-2013, ↓ 30 (11%) compared with 3 year average.



## Crash Types



↓ **4,375 serious injury crashes in 2013-2014**, ↓ 134 compared with 2012-2013, ↓ 80 compared with 3 year average (2010-2011 to 2012-2013)

↑ **1295 serious injuries resulted from run-off road crashes**, ↑ 34 (3%) compared with 2012-2013 and ↓ 18 (1%) compared with 3 year average.

↓ **584 run off road serious injuries occurred in metropolitan Melbourne**, ↓ 1 (0%) compared with 2012-2013.

↑ **711 run off road serious injuries occurred in country Victoria**, ↑ 34 (5%) compared with 2012-2013.

↓ **1070 serious injuries resulted from side impact at intersection crashes**, ↓ 44 (4%) compared with 2012-2013, ↓ 18 (2%) compared with 3 year average.

↓ **780 side impact at intersection serious injuries in metropolitan Melbourne**, ↓ 5 (1%) compared with 2013-2014 and represent 73% of the total side impact at intersection serious injuries.

↓ **513 serious injuries resulted from rear end crashes**, ↓ 52 (9%) compared with 2012-2013, ↓ 55 (10%) compared with 3 year average.

↓ **418 rear end serious injuries in metropolitan Melbourne**, ↓ 31 (7%) compared with 2012-2013 and represent 81% of the total rear end serious injuries.

| SERIOUS INJURIES  | 2013-2014   |             | 2012-2013   |             | 2010-2011 to 2012-2013<br>(3 year average) |             | % change<br>2013-2014 vs<br>2012-2013 | % change<br>2013-2014 vs<br>3 year average |
|---|-------------|-------------|-------------|-------------|--|-------------|---------------------------------------|--|
|   | No.         | %           | No.         | %           | No.  | %           |                                       |  |
| <b>TOTAL PERSONS SERIOUSLY INJURED</b>                                  | <b>5098</b> | <b>100</b>  | <b>5255</b> | <b>100</b>  | <b>5244</b>                                | <b>100</b>  | <b>-3.0</b>                           | <b>-2.8</b>                                |
| <b>Factors / Components of individual road trauma †</b>                 |             |             |             |             |  |             |                                       |  |
| High speed rural roads  | 976         | 19.1        | 954         | 18.2        | 1014                                       | 19.3        | 2.3                                   | -3.7                                       |
| Intersections in 60 zones   | 1092        | 21.4        | 1260        | 24.0        | 1188                                       | 22.7        | -13.3                                 | -8.1                                       |
| Residential Streets (40 and 50 zones)                                   | 966         | 18.9        | 1051        | 20.0        | 1038                                       | 19.8        | -8.1                                  | -6.9                                       |
| Same direction vehicle crashes  | 693         | 13.6        | 740         | 14.1        | 744  | 14.2        | -6.4                                  | -6.9                                       |
| Distracted drivers and riders   | N/A         | N/A         | N/A         | N/A         | N/A  | N/A         | N/A                                   | N/A  |
| Drink and drug driving*   | 656         | 12.9        | 630         | 12.0        | 651  | 12.4        | 4.1                                   | 0.8  |
| Fatigued / drowsy drivers and riders                                    | N/A         | N/A         | N/A         | N/A         | N/A  | N/A         | N/A                                   | N/A  |
| Speeding drivers and riders*  | 205         | 4.0         | 236         | 4.5         | 261  | 5.0         | -13.1                                 | -21.5                                      |
| Cyclists in urban areas   | 320         | 6.3         | 349         | 6.6         | 335  | 6.4         | -8.3                                  | -4.5                                       |
| Heavy vehicles  | 246         | 4.8         | 282         | 5.4         | 276  | 5.3         | -12.8                                 | -10.9                                      |
| Motorcyclists   | 923         | 18.1        | 867         | 16.5        | 814  | 15.5        | 6.5                                   | 13.4                                       |
| Involve older drivers (60 & older)                                      | 1127        | 22.1        | 1240        | 23.6        | 1175                                       | 22.4        | -9.1                                  | -4.1                                       |
| Pedestrians in urban areas  | 515         | 10.1        | 562         | 10.7        | 588  | 11.2        | -8.4                                  | -12.4                                      |
| Involve younger drivers (18-25 years)                                   | 1318        | 25.9        | 1429        | 27.2        | 1506                                       | 28.7        | -7.8                                  | -12.5                                      |
| <b>OVERALL ROAD TRAUMA INVOLVING ONE<br/>OR MORE COMPONENTS ABOVE †</b> | <b>4727</b> | <b>92.7</b> | <b>4930</b> | <b>93.8</b> | <b>4904</b>                                | <b>93.5</b> | <b>-4.1</b>                           | <b>-3.6</b>                                |

Notes: There is currently insufficient data to provide distracted or fatigued road statistics within this report.

Older drivers, younger drivers, drink and drug driving and speeding drivers and riders include fatalities involved with road users of these characteristics.

\* Based on preliminary findings from police members first on scene.

† Note that persons injured may be counted under multiple trauma components given multiple factors in crashes e.g. a drunk driver injured on a high speed road.