



# Regional Roads

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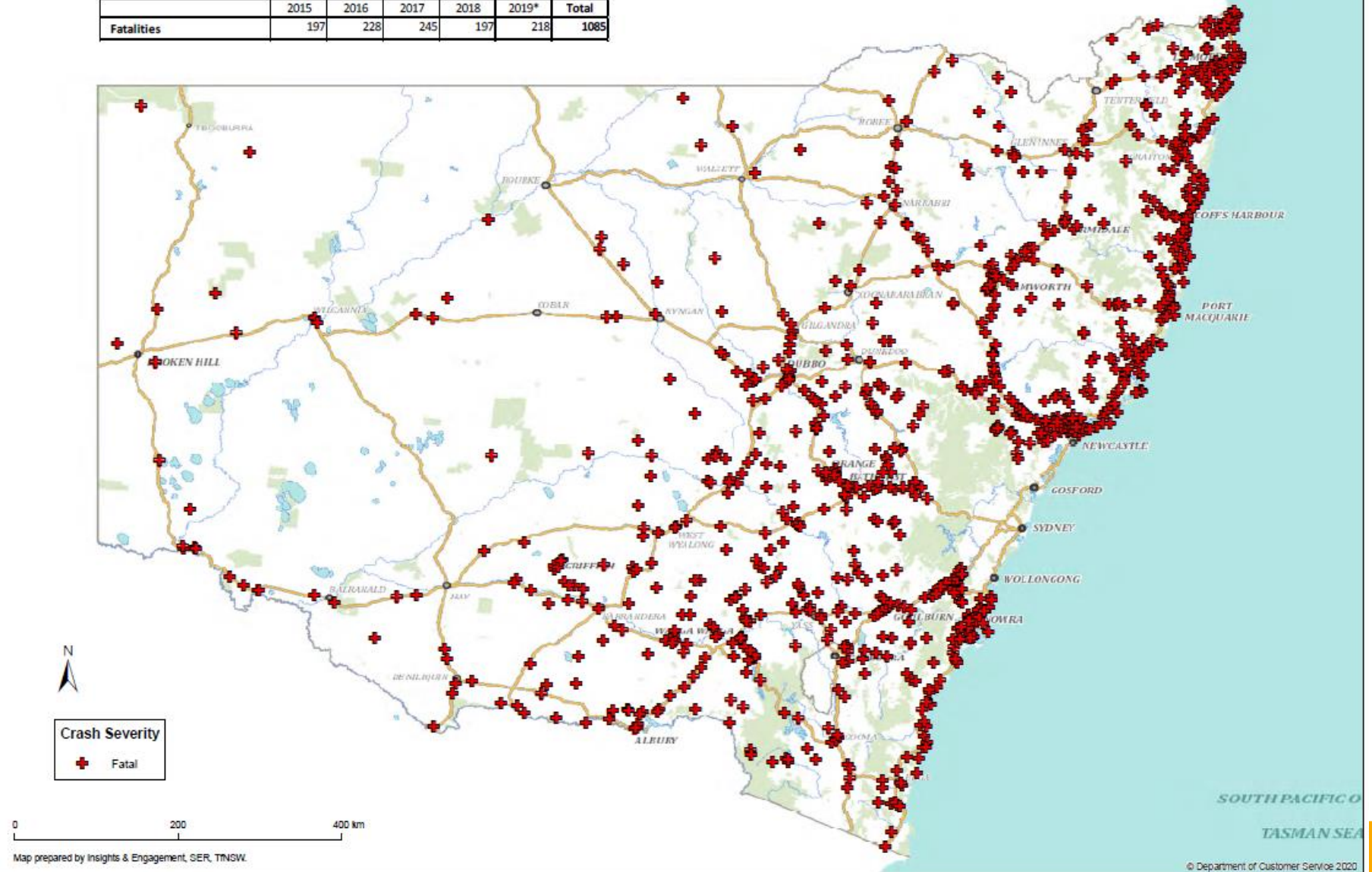
Transport  
for NSW

1,085 People  
Killed in  
country areas  
2015/19  
  
\$8.6B Cost

## Fatal Crashes within Country Areas (2015-2019\*)

\* 2019 data are preliminary and subject to change.  
As available 28 June 2020. Outside Syd/Newc/Woll conurbation

|            | 2015 | 2016 | 2017 | 2018 | 2019* | Total |
|------------|------|------|------|------|-------|-------|
| Fatalities | 197  | 228  | 245  | 197  | 218   | 1085  |



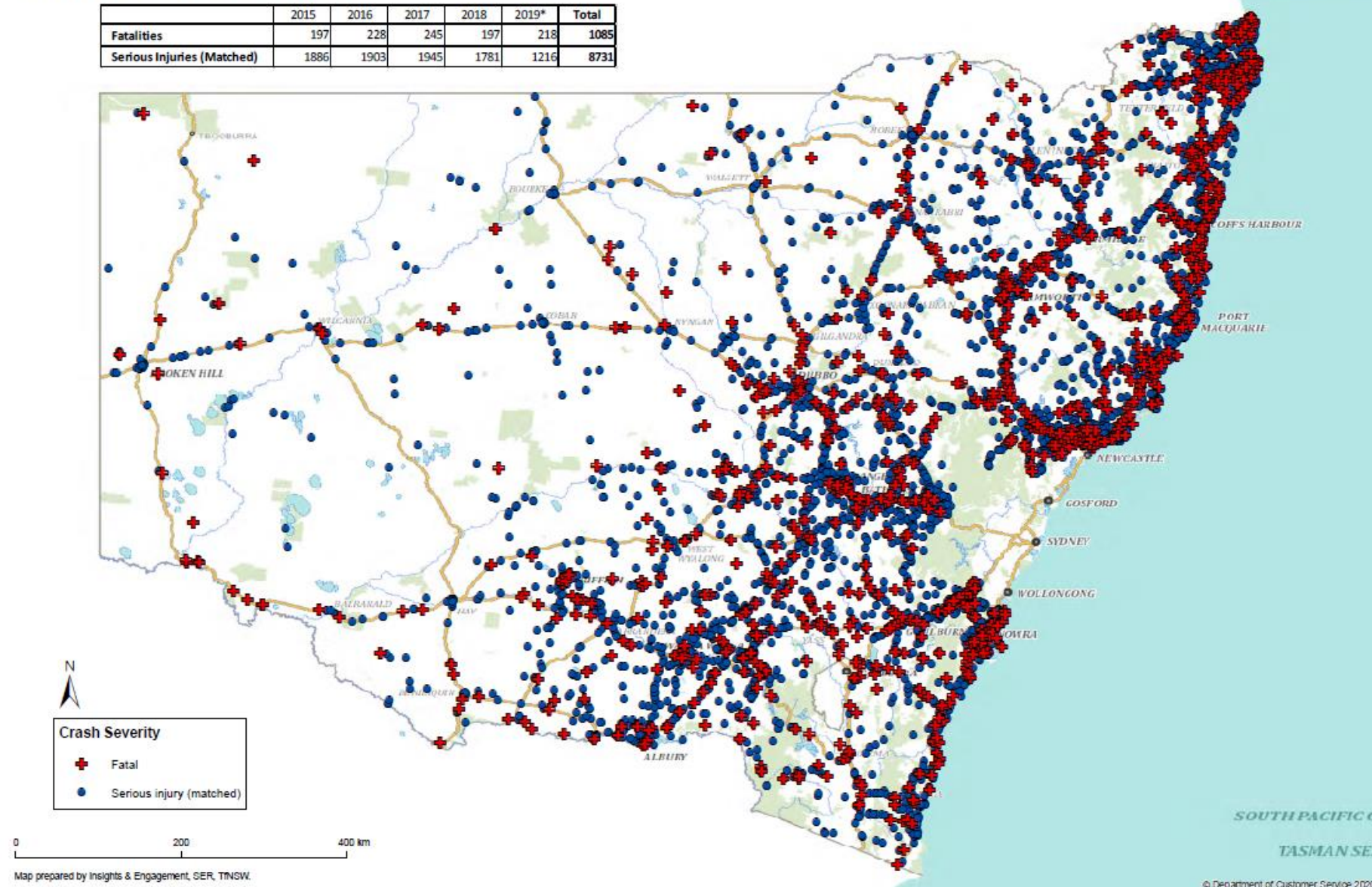
## Fatal & Serious Injury Crashes in Country Areas (2015-2019\*)

\* 2019 serious injury data are to Sep only (preliminary and subject to change).  
As available 28 June 2020. Outside Sydney/Wollongong conurbation

|                            | 2015 | 2016 | 2017 | 2018 | 2019* | Total |
|----------------------------|------|------|------|------|-------|-------|
| Fatalities                 | 197  | 228  | 245  | 197  | 218   | 1085  |
| Serious Injuries (Matched) | 1886 | 1903 | 1945 | 1781 | 1216  | 8731  |

9,816 People  
Killed and  
Seriously  
Injured  
2015/19

Total Cost  
\$13B

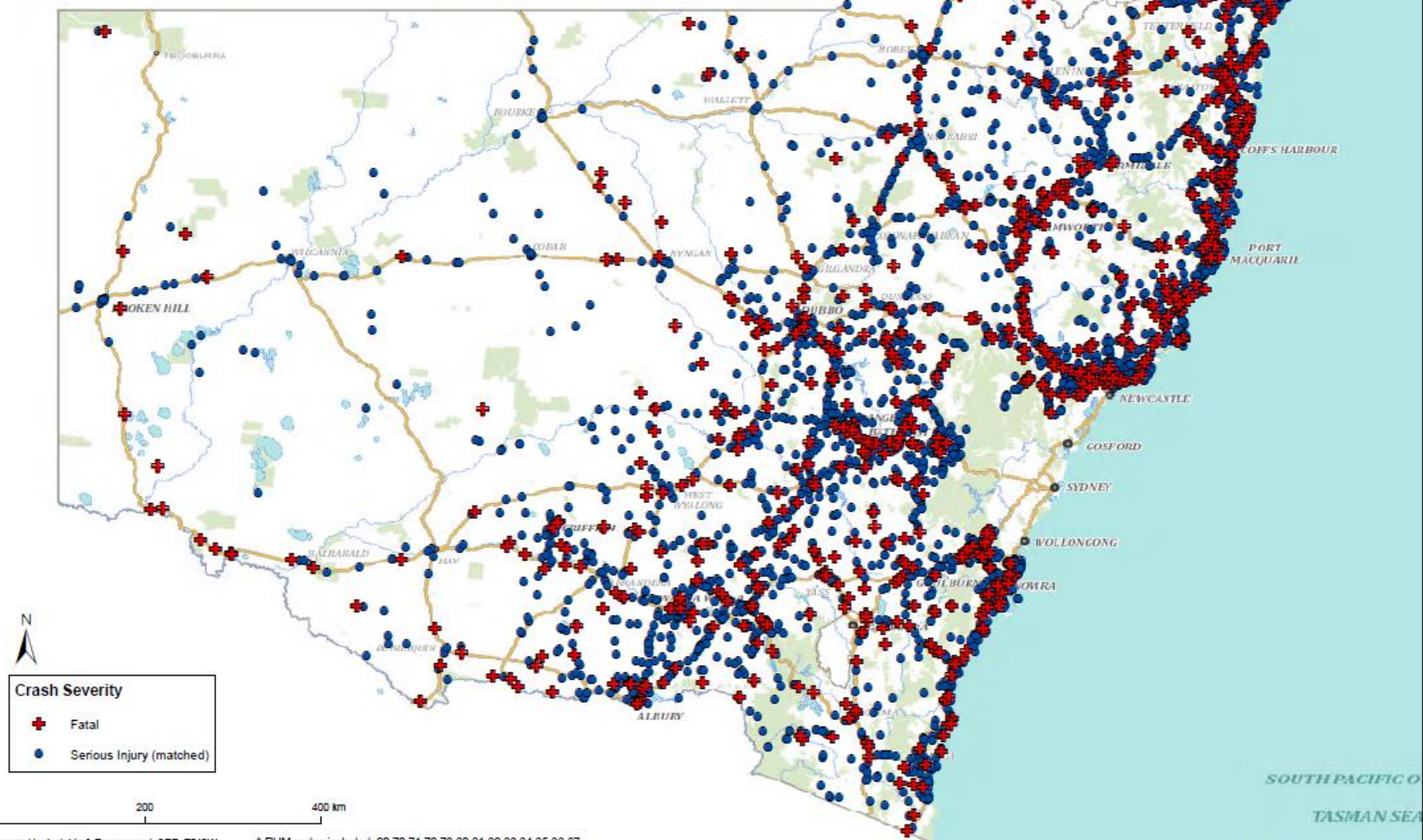


# 5,868 People Killed & Seriously Injured 2015/19 in run off road and head on crash

## Fatal & Serious Injury Crashes within Country Areas (2015-2019\*) - Off path (straight or curve) or Head-on first impact^

\* 2019 serious injury data are to Sep only (preliminary and subject to change).  
As available 28 June 2020. Outside SydNewoWoll conurbation

|                            | 2015 | 2016 | 2017 | 2018 | 2019* | Total |
|----------------------------|------|------|------|------|-------|-------|
| Fatalities                 | 128  | 167  | 172  | 141  | 161   | 769   |
| Serious Injuries (Matched) | 1145 | 1092 | 1147 | 1019 | 696   | 5099  |



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# Towards Zero Business Case

## Business Case Summary

## Towards Zero Infrastructure Program

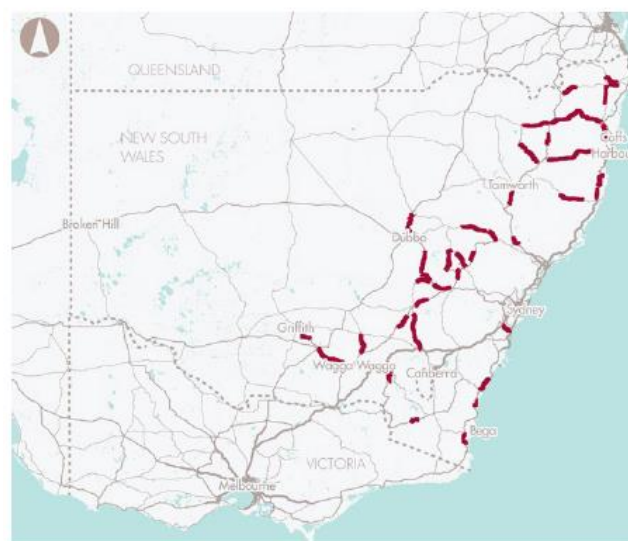


September 2018



### HIGH PRIORITY INITIATIVES

## Regional NSW road network safety improvements



**LOCATION**  
New South Wales  
**PROBLEM TIMESCALE**  
Near to medium term (0–10 years)  
**PROONENT**  
NSW Government  
**DATE ADDED TO THE IPL**  
February 2019

### Problem

Traffic volumes on the New South Wales (NSW) road network increased by 14% from 2008 to 2017. Freight traffic volumes are expected to nearly double from 2011 to 2031.

In 2017, crashes in NSW accounted for 31% of the Australian road toll. Further, 41% of all Australian road fatalities involving a heavy vehicle occurred in NSW.

### Proposed initiative

This initiative forms part of the national High Priority Initiative for Regional road network safety improvements. It involves the introduction of modern road safety infrastructure technology and features, to improve road safety at high-risk locations.

Each year in NSW, over two-thirds of all fatalities occur on country roads.

### Next steps

Proponent to identify initiatives and develop options (Stage 2 of Infrastructure Australia's Assessment Framework).

○ HIGH PRIORITY INITIATIVES

**\$1B**  
**BCR 5.06**  
**Estimated to**  
**save**  
**628 fatalities**  
**&**  
**4,820 Serious**  
**Injuries**



# Treatments that make a difference

| Measure  | Effectiveness   |
|--|---|
| Full Containment<br>(roadside and median barriers) | 90-95% reduction in head-on FSIs<br>90-95% reduction in run-off-road FSIs<br>50-75% reduction in FSIs (all crash types) |
| Median barrier only                                | 90-95% reduction in head-on FSIs  |
| Wide Centreline                                    | 50% reduction in head-on crashes<br>20-25% reduction in run-off-road crashes  |
| Roadside barrier                                   | 90-95% reduction in run-off-road FSIs   |
| Audio-tactile line marking                         | 20-25% reduction in run-off-road crashes<br>25% reduction in head-on crashes  |

# Business Case investments in 2019/20 & 2020/21

\$557M including \$140M from Federal Stimulus

Includes 609 projects:

- 343 kms of safety barrier
- 5,150 kms of ATLM
- 3,800 kms of wide centreline
- 1,724 high risk curves upgraded
- 279 kms of new or improved sealed shoulder
- 22kms of motorcycle underrun
- 227 urban intersections treated

# Safe System Standards

2+1 configuration (consistent with Sweden)  
15.5m cross-section  
Traffic volumes: 6000 – 12000  
Roadside barrier (continuous)  
Median barrier (continuous)

