TOWARDS ZERO

going there together

ROAD SAFETY COMMISSION

GOVERNMENT OF WESTERN AUSTRALIA
WHO Cares?

Kim Papalia
Commissioner of Road Safety

28 October 2015
World Health Organisation (WHO)
Global Status Report On Road Safety 2015

• Road traffic injuries claim more than 1.2 million lives each year and have a huge impact on health and development

• They are the leading cause of death among young people aged between 15 and 29 years, and cost governments approximately 3% of GDP globally.
The Risk In WA…

• Severe harm as a consequence of road crash in WA is far too common.
• Approximately 170 people die on our roads each year
• Some 2,400 serious injuries annually
• In Regional WA you are 4 times more likely to be involved in a serious or fatal crash
Number of people injured in road crashes by age group, 2013

- Missing/Unknown, 565, 6%
- 0-16 yrs, 641, 6%
- 65+ yrs, 864, 9%
- 17-24 yrs, 1867, 19%
- 25-64 yrs, 6054, 60%
Adult road users recorded as injured in road crashes by injury severity, 2013

- Death Within 30 Days Of Acc, 90, 2%
- Inj: No Medical Attn, 787, 13%
- Inj: Admitted To Hosp, 1335, 22%
- Inj: Medical Attn But Not In Hosp, 3842, 63%
Adults hospitalised by crash type, 2013

- Hit Object (SV): 287
- Right Angle (MV): 263
- Rear End (MV): 202
- Non Collision (SV): 155
- Right Turn Through (MV): 137
- Head On (MV): 69
- Sideswipe Same Dir. (MV): 66
- Hit Pedestrian (SV): 76
- MV Other/Unknown: 43
- SV Other/Unknown: 21
- Hit Animal (SV): 16
Table 14: Estimated Cost of Crashes to the Western Australian Community

<table>
<thead>
<tr>
<th>Crash Severity</th>
<th>Human Capital Approach</th>
<th>Willingness-to-Pay Approach</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Crashes</td>
<td>Cost Per Crash(^1)</td>
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<tr>
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<td>n</td>
<td>$</td>
</tr>
<tr>
<td><strong>Metropolitan</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatal</td>
<td>73</td>
<td>2,806,830</td>
</tr>
<tr>
<td>Hospitalisation</td>
<td>1,346</td>
<td>620,291</td>
</tr>
<tr>
<td>Medical Attention</td>
<td>4,131</td>
<td>35,943</td>
</tr>
<tr>
<td>Other(^3)</td>
<td>25,637</td>
<td>9,595</td>
</tr>
<tr>
<td><strong>Total Metropolitan Crashes</strong></td>
<td>31,187</td>
<td>-</td>
</tr>
<tr>
<td><strong>Non-Metropolitan</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fatal</td>
<td>75</td>
<td>2,999,404</td>
</tr>
<tr>
<td>Hospitalisation</td>
<td>597</td>
<td>672,350</td>
</tr>
<tr>
<td>Medical Attention</td>
<td>721</td>
<td>38,003</td>
</tr>
<tr>
<td>Other(^3)</td>
<td>4,304</td>
<td>9,595</td>
</tr>
<tr>
<td><strong>Total Non-Metro Crashes</strong></td>
<td>5,697</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Western Australian Crashes(^4)</strong></td>
<td>36,884</td>
<td>-</td>
</tr>
</tbody>
</table>

1. Human capital costs per crash were provided by the Office of Road Safety and are based on:
   - Average weekly earnings for Western Australia for the May quarter Australia Bureau of Statistics Catalogue No. 6302 (November 2013 release).
   - The Consumer Price Index, Australia Bureau of Statistics Catalogue No. 6401.0 (September 2013 release).
2. Willingness-to-pay costs per crash were provided by the Office of Road Safety and are derived using:
   - Costs per injury from NSW RTA “Economic Valuation of Safety Benefits: Serious injuries - Final Report”.
   - Consumer price index (CPI) categories of CPI - All Groups, CPI - Motor Vehicle Repair and Servicing and CPI – Health, for the June quarter, Australia Bureau of Statistics Catalogue No. 6401.0 (September 2013 release).
3. Other refers to crashes that resulted in property damage only.
4. Excludes 3 uninjured persons in crashes for which the region was unknown.
What can and is being done…

• Towards Zero, 2008 - 2020 State Road Safety Strategy
• Collaborative whole of community approach
• Recognition that there is no ‘silver bullet’
• A Systems Approach
Road Safety Commission and You...