

# Road injuries and Prevention:

General Facts and Figures; Sources and Resources; Common Strategies



## NZ Facts and Figures:

- In 2014 there were 268 fatal road crashes (295 deaths) and 8,614 injury crashes (11,219 people were injured)
- The total social cost of motor vehicle injury crashes in 2013 is estimated at approximately \$3.14 billion
- In 2013, speeding was a contributing factor in 74 fatal crashes, 305 serious injury crashes and 988 minor injury crashes. These crashes resulted in 83 deaths, 421 serious injuries and 1,442 minor injuries
- On average, the risk of being killed or injured in road crashes is 21 times higher for motorcyclists than for car drivers over the same distance travelled (New Zealand Household Survey 2010–2014 data)
- 36 pedestrians are killed and 1000 pedestrians are injured on NZ roads every year (NZTA 2015)
- In 2013, 8 cyclists died, 171 were seriously injured and 646 suffered minor injuries
- In 2013 driver alcohol/drugs were a contributing factor in 72 fatal traffic crashes (78 deaths), 324 serious injury crashes (440 serious injuries) and 861 minor injury crashes (1,226 injuries)

## Sources and Resources:

<b>Road Injury Statistics</b>	<p><i>Ministry of transport: crash facts/road safety/road toll/road crash statistics</i> <a href="http://www.transport.govt.nz/research/">http://www.transport.govt.nz/research/</a></p> <p><i>NZ Transport Agency (NZTA) regional crash analysis reports</i> <a href="https://www.nzta.govt.nz/safety/safety-resources/crash-analysis-system/">https://www.nzta.govt.nz/safety/safety-resources/crash-analysis-system/</a> <a href="https://www.nzta.govt.nz/assets/resources/crash-analysis-system/docs/crash-analysis-system.pdf">https://www.nzta.govt.nz/assets/resources/crash-analysis-system/docs/crash-analysis-system.pdf</a></p> <p><i>Serious Injury Outcome indicators 2000-2013 (Stats NZ select tables 19-22):</i> <a href="http://www.stats.govt.nz/browse_for_stats/health/injuries/serious-injury-outcome-indicators-2000-13.aspx">http://www.stats.govt.nz/browse_for_stats/health/injuries/serious-injury-outcome-indicators-2000-13.aspx</a></p> <p><i>IPRU injury query system (specify MVTC/non-MVTC parameters):</i> <a href="http://ipru3.otago.ac.nz/niqs/">http://ipru3.otago.ac.nz/niqs/</a></p> <p><i>Latest injury claim statistics:</i> <a href="http://www.acc.co.nz/about-acc/statistics/injury-statistics-tool/index.htm#">http://www.acc.co.nz/about-acc/statistics/injury-statistics-tool/index.htm#</a></p> <p><i>Injury claim comparison reports by district:</i> <a href="http://www.acc.co.nz/preventing-injuries/communities/injury-comparison-reports/index.htm">http://www.acc.co.nz/preventing-injuries/communities/injury-comparison-reports/index.htm</a></p>
<b>Road Injury Prevention</b>	<p><i>Safer Journeys 2020 (includes links to all national road safety websites)</i> <a href="http://www.saferjourneys.govt.nz/assets/Safer-journeys-files/SaferJourneyStrategy.pdf">http://www.saferjourneys.govt.nz/assets/Safer-journeys-files/SaferJourneyStrategy.pdf</a> and <a href="http://www.saferjourneys.govt.nz/about-safer-journeys/road-safety-websites/">http://www.saferjourneys.govt.nz/about-safer-journeys/road-safety-websites/</a></p> <p><i>ACC: <a href="http://www.acc.co.nz/preventing-injuries/on-the-road/PI00049">http://www.acc.co.nz/preventing-injuries/on-the-road/PI00049</a></i></p>

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# Road injuries and Prevention: continued



## Common Strategies:

Road safety initiatives focus on all road users : Motor vehicles (drivers and passengers), motor cyclists (riders and pillion), cyclists and pedestrians. Interventions are either active or passive strategies that focus on influencing the behaviours of those road users, improving the safety and infrastructure of our roading network, the safety and condition of our vehicles.

<p><b>Influencing the behaviours of road users</b></p>	<p><i>Increasing the level of restraint use : seat belts, child restraints, correct installation:</i>  <a href="http://www.nzta.govt.nz/safety/vehicle-safety/safety-belts-and-restraints/child-restraints/find-a-child-restraint-technician/">http://www.nzta.govt.nz/safety/vehicle-safety/safety-belts-and-restraints/child-restraints/find-a-child-restraint-technician/</a></p> <p><i>Driver fatigue: promote regular breaks and rests for long journeys</i>  <a href="http://www.nzta.govt.nz/assets/resources/factsheets/24/docs/24-fatigue.pdf">http://www.nzta.govt.nz/assets/resources/factsheets/24/docs/24-fatigue.pdf</a></p> <p><i>Reducing alcohol/drug impaired driving: reduce blood alcohol levels for drivers, address repeat offending and high risk offending</i>  <a href="http://www.alcohol.org.nz/alcohol-you/drinking-and-driving">http://www.alcohol.org.nz/alcohol-you/drinking-and-driving</a></p> <p><i>Increasing the safety of motorcycling: Ride Forever (rider training)</i>  <a href="https://www.rideforever.co.nz/">https://www.rideforever.co.nz/</a></p> <p><i>Safer speeds: slower speeds in high risk or crash areas, introduce optimum road speeds, speed and red light cameras</i>  <a href="https://www.nzta.govt.nz/assets/planning/nltp-2015-2018/docs/201409-safer-journeys-safer-speeds.pdf">https://www.nzta.govt.nz/assets/planning/nltp-2015-2018/docs/201409-safer-journeys-safer-speeds.pdf</a></p> <p><i>Safe walking: address distraction, lower speed limits around schools, walk to school safety programmes</i>  <a href="https://www.nzta.govt.nz/resources/roadcode/about-other-road-users/sharing-road-with-pedestrians/">https://www.nzta.govt.nz/resources/roadcode/about-other-road-users/sharing-road-with-pedestrians/</a></p> <p><i>Safe Cycling: promote wearing of correctly fitted bike helmets, safe cycling skills training</i>  <a href="https://www.bikewise.co.nz/bikes-riding/cycle-safety">https://www.bikewise.co.nz/bikes-riding/cycle-safety</a></p> <p><i>Increasing the safety of young drivers: driver mentor programmes, zero drink drive limit for under 20's, education on road safety</i>  <a href="http://www.nzta.govt.nz/safety/driving-safely/young-drivers/safe-teen-driver/">http://www.nzta.govt.nz/safety/driving-safely/young-drivers/safe-teen-driver/</a></p>
<p><b>Changing design and infrastructure</b></p>	<p><i>Safe road and roadsides: develop classification system for the roading network, focus safety improvement programmes on high risk rural roads and high risk urban intersections</i>  <a href="https://www.nzta.govt.nz/resources/high-risk-rural-roads-guide/">https://www.nzta.govt.nz/resources/high-risk-rural-roads-guide/</a>  <a href="https://www.nzta.govt.nz/assets/resources/high-risk-intersections-guide/docs/high-risk-intersections-guide.pdf">https://www.nzta.govt.nz/assets/resources/high-risk-intersections-guide/docs/high-risk-intersections-guide.pdf</a></p> <p><i>Safer Speeds: rumble strips, improve signage</i></p> <p><i>Driveway construction</i></p> <p><i>Improving walking and cycling infrastructure: dedicated lanes/paths/spaces</i>  <a href="http://www.transport.govt.nz/land/raisingtheprofileofwalkingandcycling/">http://www.transport.govt.nz/land/raisingtheprofileofwalkingandcycling/</a></p>

More information is available from 'Safe Communities Foundation NZ':

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Website: [safecommunities.org.nz](http://safecommunities.org.nz)



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