

National Road Safety Forum 2014

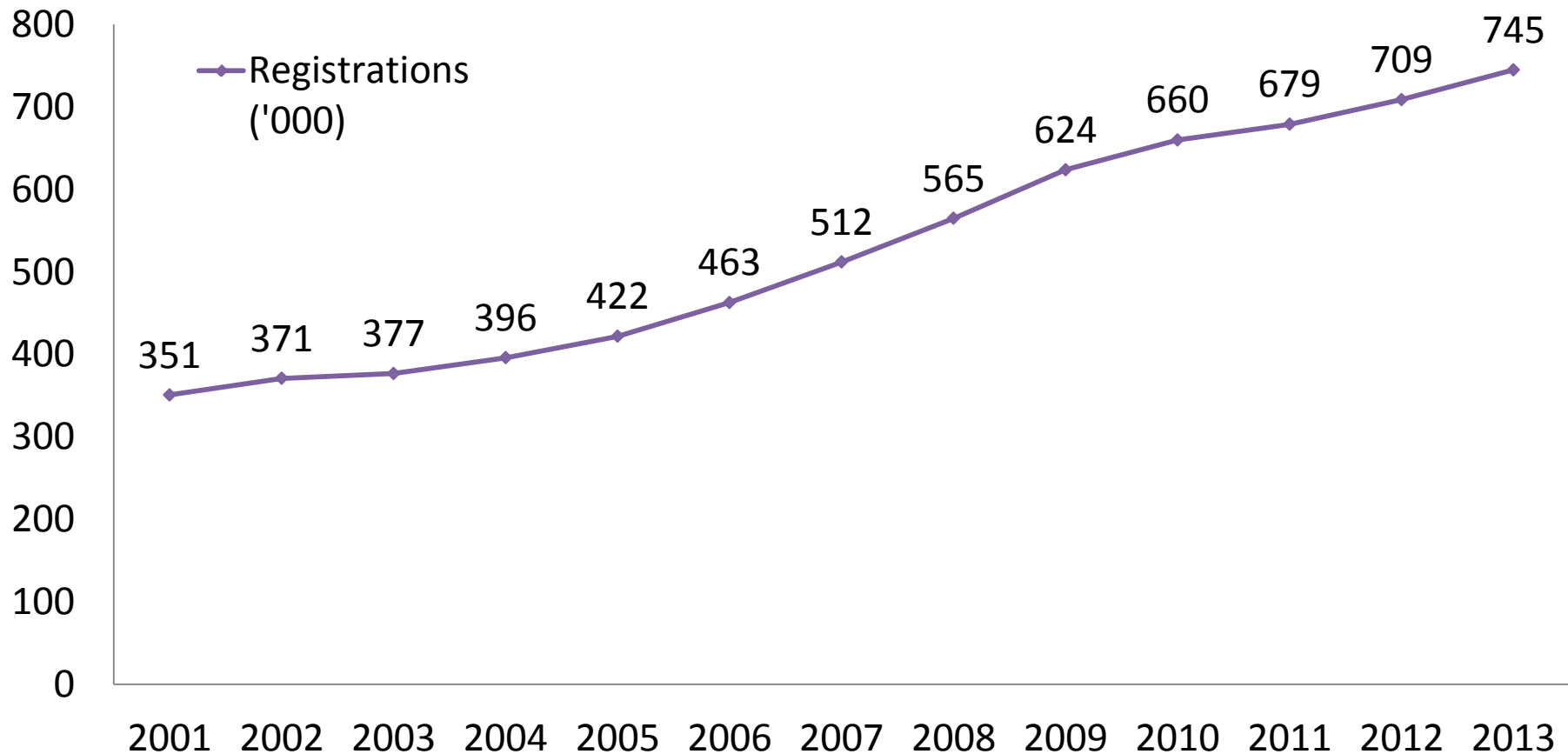
Liz de Rome



NeuRA

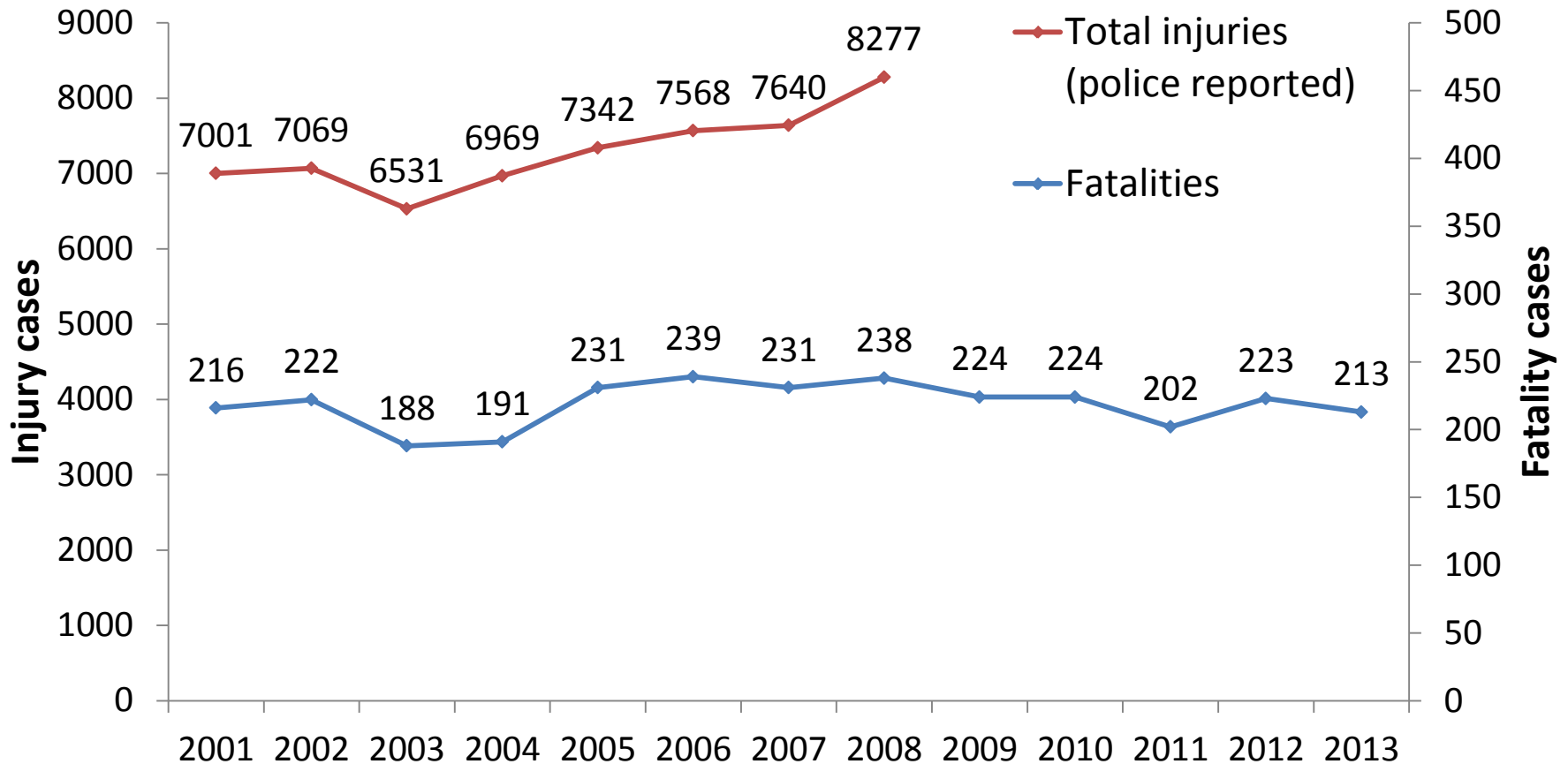
Discover. Conquer. Cure.

National Trends: Motorcycle Road Registrations



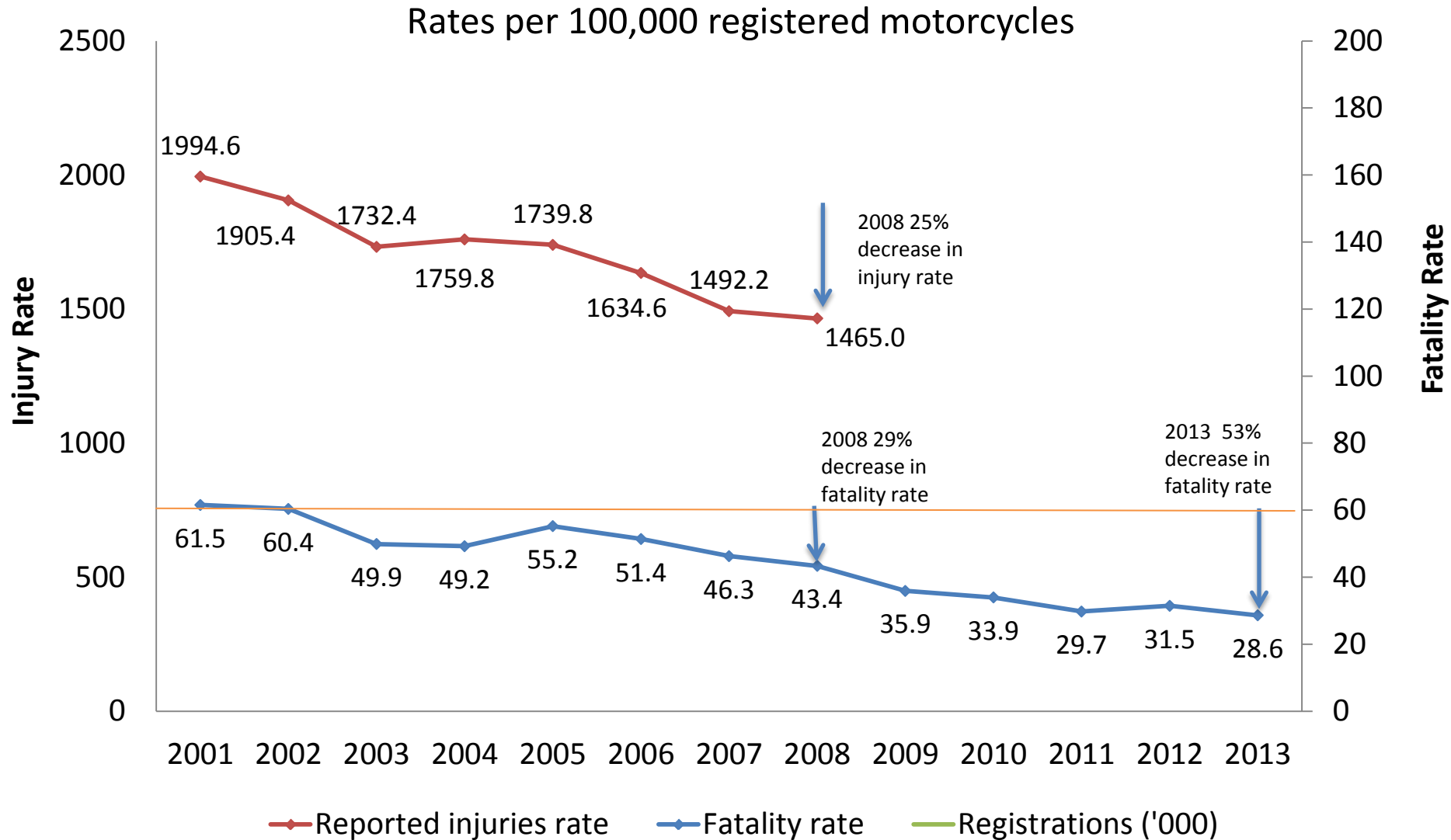
Source: ABS, Motor Vehicle Census, Australia, 2001 - 2014

National Fatality & Reported crash injury cases (n)



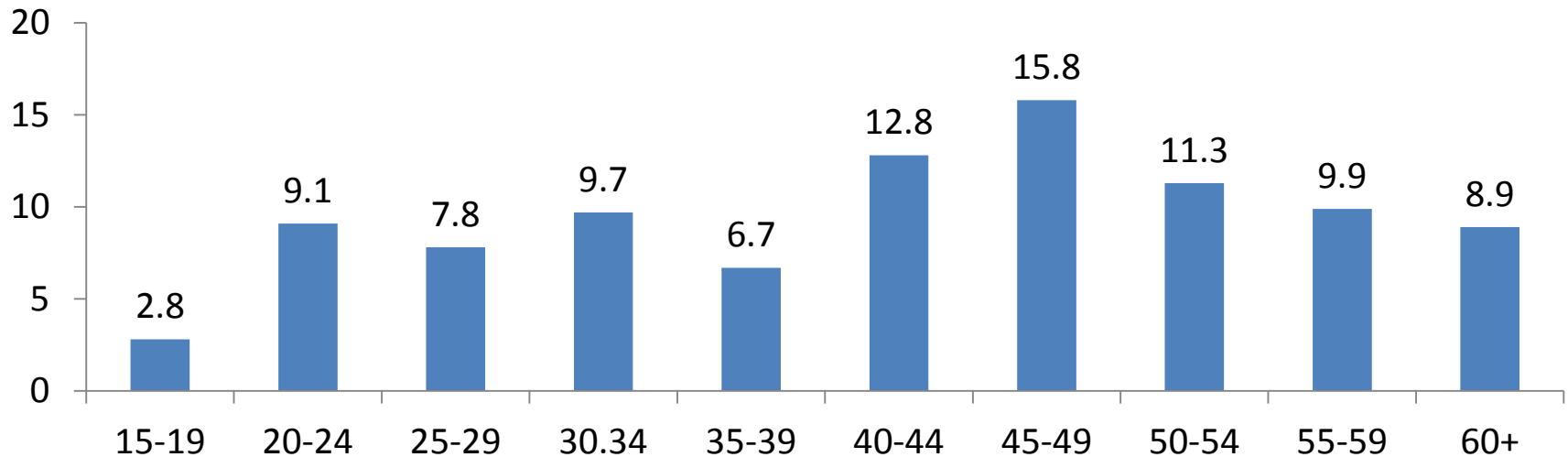
Sources: BITRE, Australian Road Deaths Database: Fatalities, 2014
de Rome, L. National Motorcycle Injury database

National Fatalities & Reported crash injuries rate



Active Rider population* (NSW)

Riders age



Population data*

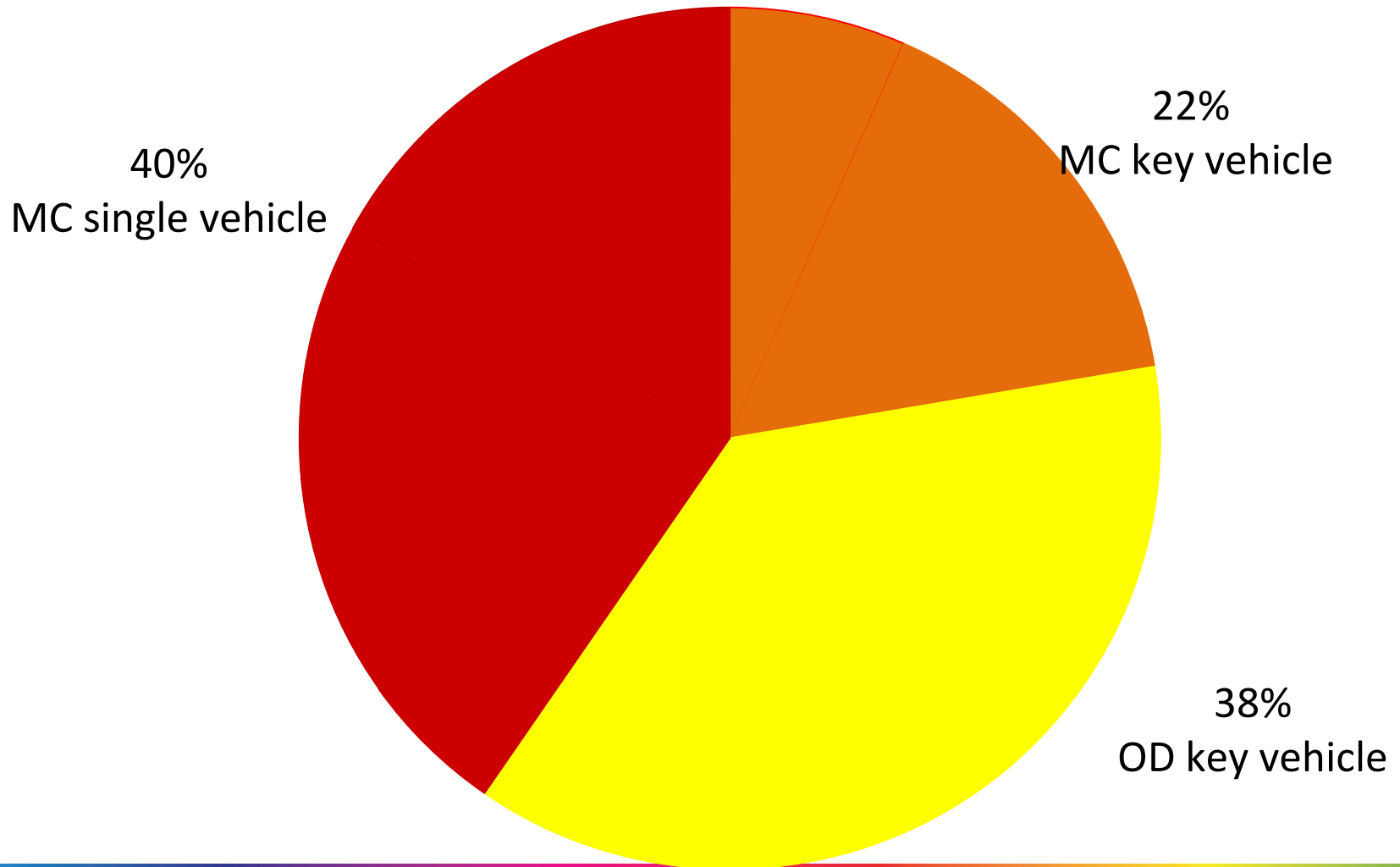
Licence status	Average age(years)
All riders	43
Learners	30
Provisional	30
Unrestricted	47

Crash Data (CRS NSW)

54% unlicensed riders aged < 26

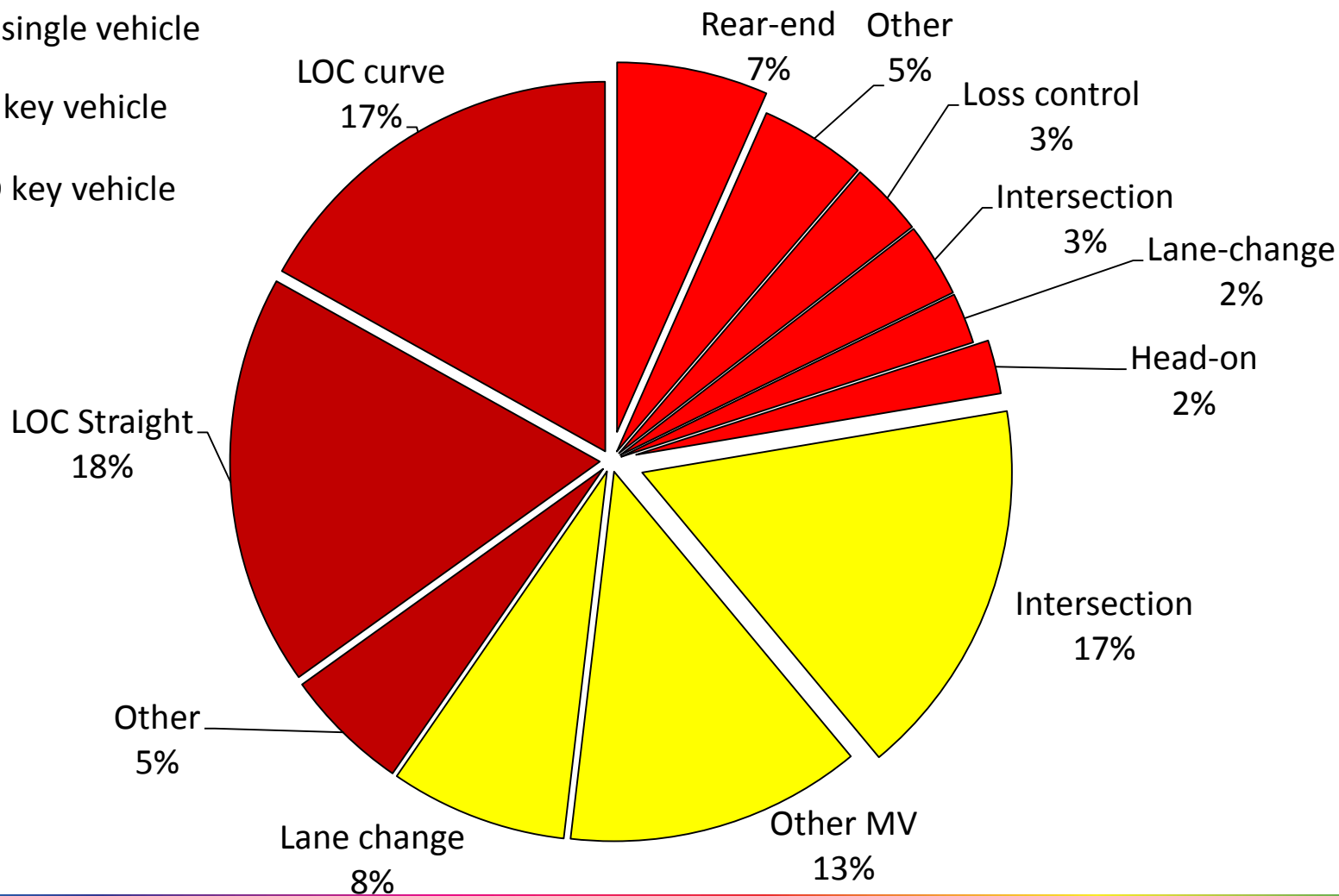
*Multi-stage stratified random sample of currently active riders in NSW (de Rome, et al., 2013)

Types of motorcycle crashes (NSW)



Key vehicle & crash type (NSW)

- 40% MC single vehicle
- 22% MC key vehicle
- 38% OD key vehicle



Discussion points

1. Injury crash rates as the key metric motorcycle safety improvements?
2. Implications of rider demographics for Graduated Rider Licensing schemes?
3. Why high proportions of young people ride and crash unlicensed?
4. Could this be related to off-road riding?
5. Could/should different approaches be taken to the analysis of motorcycle crash data?