

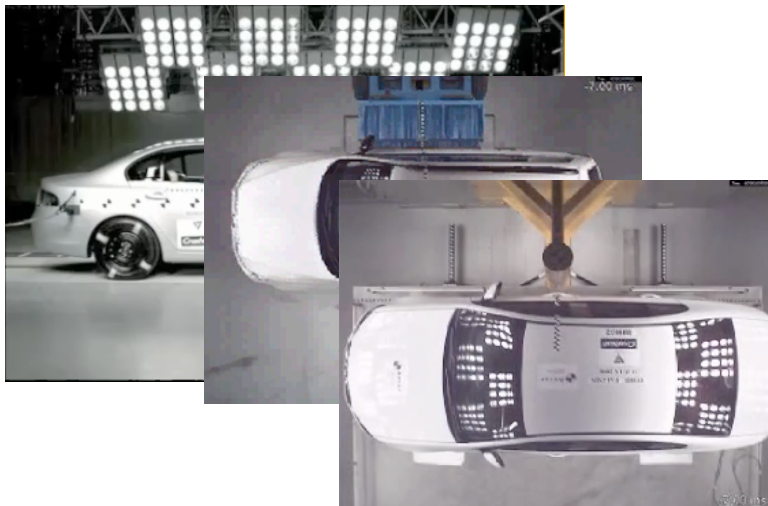
ANCAP - Safer Fleets

Michael Paine - Technical Manager



ANCAP Crash Tests

Three types of crash test give a front occupant protection rating out of 5 stars



Crash Test Results

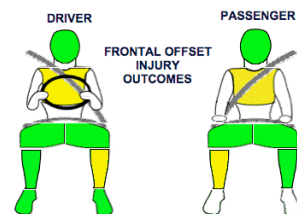
New Car Safety

FORD FALCON FG SEDAN

2008 on Front+side+head airbags



ANCAP Occupant Protection
Rated ★★★★★

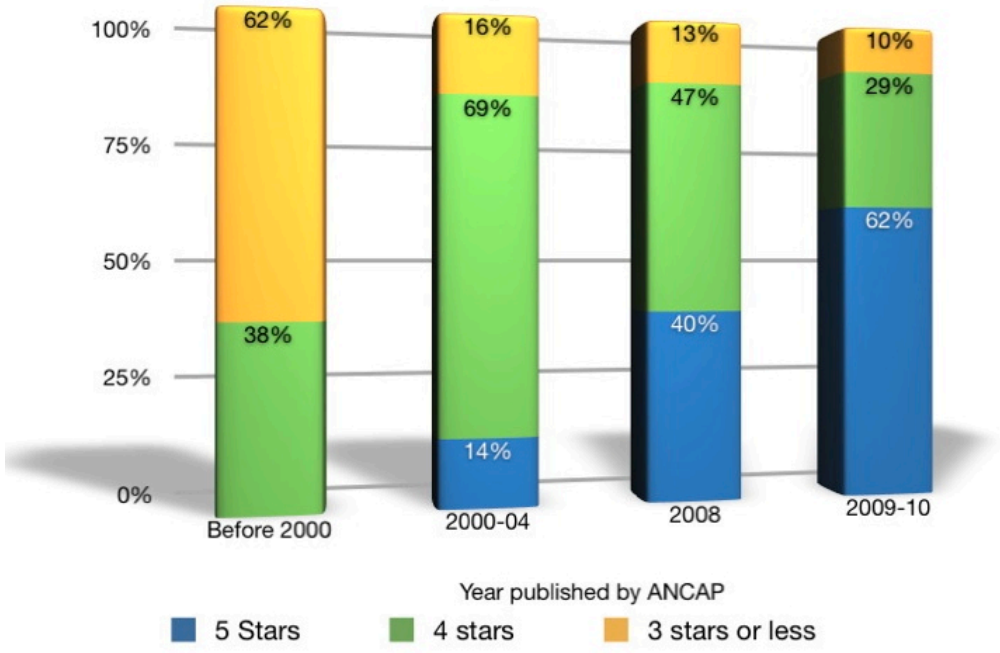


GOOD
ACCEPTABLE
MARGINAL
WEAK
POOR

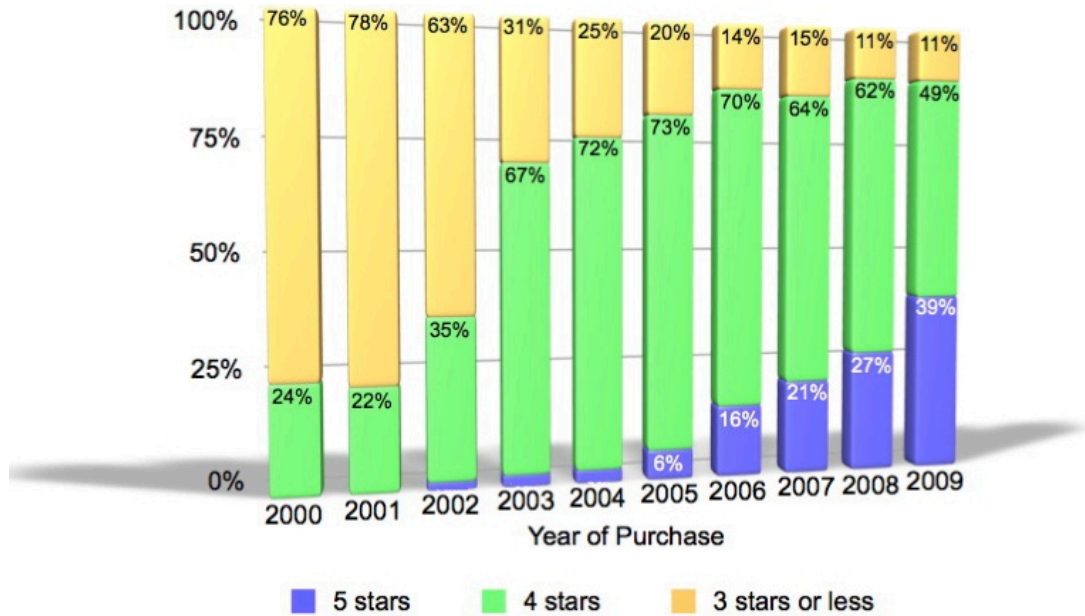
Two popular cars (and ute versions) are now 5-stars



ANCAP Trends - Vehicle Models



ANCAP Trends - Estimated Percent of Sales in South Australia

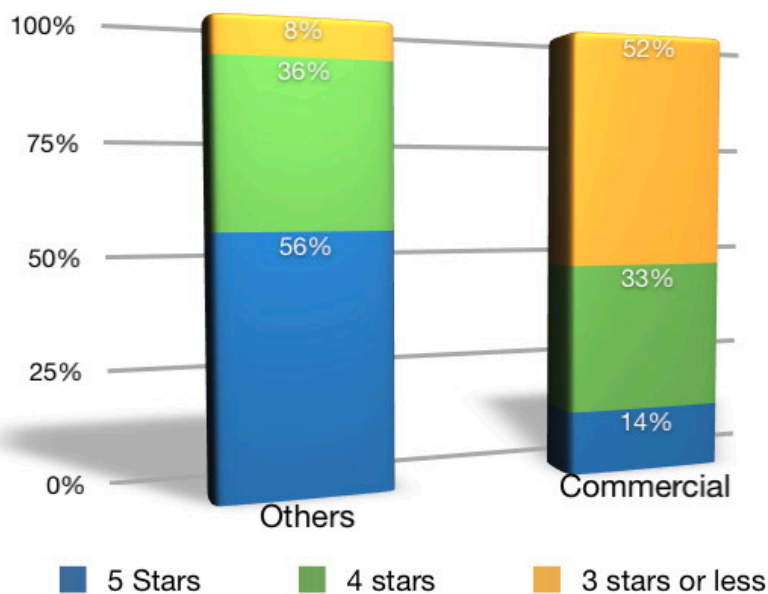


Data provided by the Centre for Automotive Safety Research at the University of Adelaide. Indicates estimated percentage of sales where an ANCAP rating is known



But .. the news is not so good with commercial vehicles

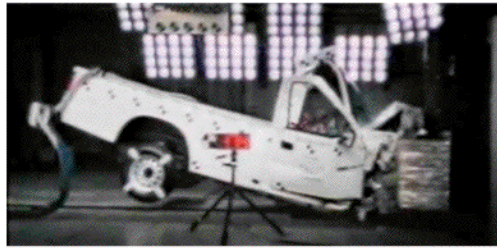
Ratings of Current Models



Work utes have improved over 15 years



Holden Rodeo



Mazda Bravo/ BT50 & Ford Courier



Some better than others ...



Mitsubishi Triton

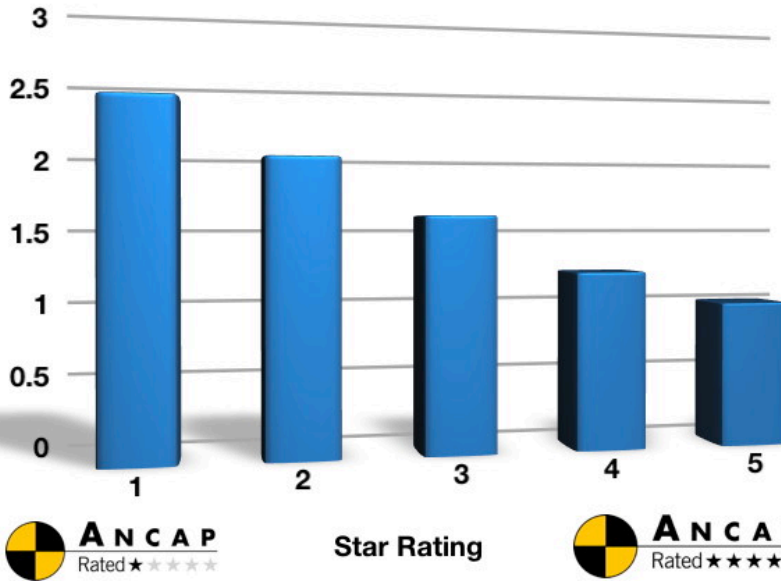


Toyota Hilux



Relative Risk of Serious Injury

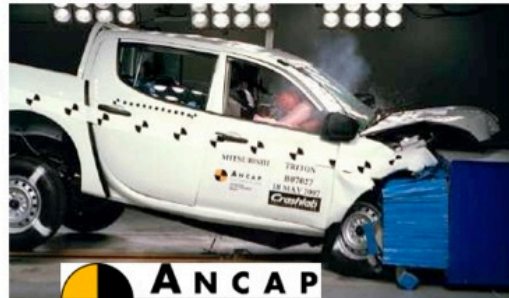
Based on Australasian Used Car Safety Ratings



Star Rating



A selection of current utes



...and vans



SAFETY FEATURES REQUIRED BY ANCAP FOR 5-STAR RATING



- Head-protecting side airbags since 2004
- ESC since 2008

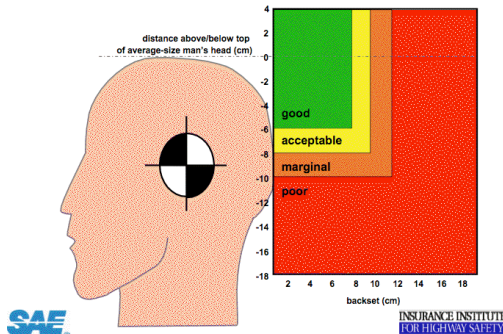


Other safety features being added to the list under the proposed ANCAP Roadmap:

- Emergency brake assist
- Lap/sash seat belts for all seats
- Intelligent seat belt reminders
- Plus others from a Safety Assist list

Whiplash Mitigation

Geometric seat and head restraint evaluations

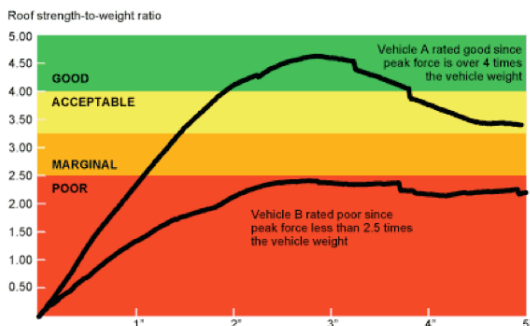


ANCAP member NRMA Insurance already rates whiplash protection for Australian vehicles using the IIWPG (RCAR) protocol. A result of at least “acceptable” will be required for an ANCAP 5-star rating from 2012.

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Roof Strength Rating

Australia has a similar rollover problem to the USA. IIHS roof strength rating is being introduced



Roof strength test results good and poor
A 2009 models

A result of at least “acceptable” (SWR ≥ 3.25) will be required for an ANCAP 5-star rating from 2014.

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Look for **ANCAP** Rated ★★★★★

It is a world-recognised, independent assessment of:

- Occupant protection in severe frontal crashes
- Head protection for front occupants in severe side impacts
- Electronic Stability Control
- Effective new safety features

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