

You've got your sights set on that car.

It's the right price, looks good, and it's the perfect size for what you need. But there is one critical factor you may not have thought about: it is important that your vehicle offers you good protection from injury in the event of a crash.

The Used Car Safety Ratings charts on the reverse of this brochure provide you with the crash safety rating for the driver. They show you how well each vehicle protects its driver from death or serious injury in a crash.

It is also important that your vehicle offers good protection to other road users with which it might collide, including pedestrians, cyclists and motorcyclists, or the drivers of other vehicles. For example, the crash statistics analysed by Monash University indicate that many large SUVs are more likely to cause serious injuries to other road users in a crash than most other vehicles. Those vehicles which provide excellent protection from injury for their own drivers as well as for other road users in the crash receive a "Safe Pick" rating. If you want to help reduce road trauma, you need to consider how your vehicle protects other road users as well as you, the driver.

IF YOU CARE ABOUT THE SAFETY OF BOTH YOURSELF AND OTHERS, CONSIDER CHOOSING ONE OF THE MODELS WITH A "SAFE PICK" LABEL.

This brochure gives safety ratings for 216 vehicle models which cover most of the popular vehicles in the Australian and New Zealand vehicle fleets manufactured from 1996 to 2011.

It's worth taking a few minutes to read this brochure and find out how the vehicle you are considering purchasing compares on the safety front. Those few minutes could save a life – your own, your passengers' or that of another road user.

THE RATINGS	PROTECTING YOU IN A CRASH	HOW THESE SAFETY RATINGS ARE CALCULATED	ABOUT THE VEHICLE SAFETY RESEARCH GROUP	WHAT'S THE DIFFERENCE BETWEEN USED CAR AND ANCAP SAFETY RATINGS?
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<p>The Used Car Safety Ratings show that, on average, newer models provide their drivers with better protection from injury in a crash. These improvements come from better structural designs, an increase in the fitting of safety features such as front, side, curtain and knee airbags, more advanced seat belt systems and vehicle interiors built with more energy-absorbing materials.</p> <p>Another consistent trend is that there is significant variation in the ratings within vehicle categories, even between vehicle models of the same age. Furthermore, some vehicle models, including recent ones, provide good protection for their drivers but present a high risk of injury to other road users in a crash. The Used Car Safety Ratings assist buyers to select vehicle models that provide the best protection for all road users including themselves.</p> <p>These ratings are based on real-world crash data up until 2011, the latest available for producing these ratings. Many new vehicle models and some very low sales volume vehicle models of all ages are not covered by these Used Car Safety Ratings due to a lack of real-world data which means these vehicle models cannot be rated accurately. Buyers considering a new or late model vehicle, particularly in the light and small categories where safety performance has improved dramatically in recent years, that is not listed in this brochure should check the ANCAP safety ratings and look for a vehicle which holds the maximum 5 star ANCAP safety rating – see www.ancap.com.au.</p>	<p>If all vehicles had the latest vehicle safety features, the number of fatal and disabling crash injuries could be significantly reduced.</p> <p>Safety features that may significantly reduce the risk of death or serious injury in the event of a crash include:</p> <ul style="list-style-type: none">• front, side, curtain and knee airbags• seat belts designed to work with airbags• crumple zones• collapsible steering columns• high strength materials in the structure	<p>Records from over 5.5 million vehicles in police-reported road crashes in Australia and New Zealand between 1996 and 2011 were analysed by Monash University's Accident Research Centre. The ratings were calculated using an internationally reviewed method and are influenced by the vehicle's mass, the structural design of the body, and the safety features fitted to the vehicle, such as airbags and types of seat belts.</p> <p>Each of the driver protection ratings in the 2013 update has been recalculated based on the most recent crash data available so they are not comparable with the ratings published in previous years. Models of vehicles that cause fewer injuries to other road users with which they collide, including other drivers, pedestrians, cyclists and motorcyclists, as well as providing excellent protection for their own driver, are awarded the "Safe Pick" label.</p> <p>The score for each individual model can be compared against the ratings for all other vehicles.</p> <p>The driver protection ratings are about the risk of death or serious injury to the driver of the vehicle in the event of a crash. The ratings are not about the risk of being involved in the crash in the first place, which is generally determined by a range of factors including driver behaviour, vehicle condition and the road environment.</p> <p>Question: Won't certain kinds of vehicles score a good rating because of the types of people who drive them or where they are driven?</p> <p>These factors were taken into account as much as possible when the data were analysed. The ratings were adjusted for factors such as driver gender and age, type of road user involved, speed limit at the crash location, number of vehicles involved, crash configuration, and year and location of crash. As far as possible the ratings are about the contribution of the vehicle to injury outcomes in a crash and not who was driving the vehicle or where it crashed.</p>	<p>The UCSRs are the main output from the Vehicle Safety Research Group research program which has been refined and extended over the 21 years since ratings were first produced. The focus of the VSRG program has become much broader than just the ratings. Key areas of vehicle safety explored by the program include assessment of vehicle safety technologies, modelling and projection of vehicle fleet composition and its effects on safety, estimating crash risk, consideration of the safety implications of vehicle choice on high risk road user groups and examining the relationship between ANCAP and real world crash outcomes.</p> <p>Some specific outcomes of the Group are:</p> <ul style="list-style-type: none">• Investigation of the effectiveness of vehicle safety technologies including ABS braking systems, frontal and side airbag systems and electronic stability control.• Analysis of the influence of vehicle colour on crash risk.• Estimation of trends in light vehicle road trauma related to crashes involving heavy vehicles and predicting the likely impact of forecast rapid growth in heavy vehicle travel.• Estimation of crash risks by vehicle type including motorcycles and analysis of the effects of vehicle choice on overall crash risk.• Extensive analysis of the crash risks and injury outcomes associated with 4WD vehicles compared to other regular passenger cars.• Analysis of vehicle choices made by young drivers and their influence on secondary safety outcomes relative to the key crash types in which they are involved and including assessment of the potential benefits of safer vehicle choices for young drivers.• Assessment of the effectiveness of novice driver vehicle restriction and the potential for improving the restrictions to further reduce novice driver road trauma.• Investigation of the potential for improving the consistency between Used Car Safety Ratings and ANCAP new car ratings.	<p>ANCAP safety ratings are determined based on data obtained through the simulation of common crash scenarios undertaken on new vehicles in a controlled laboratory. ANCAP safety ratings demonstrate a vehicle's level of occupant and pedestrian protection as well as their ability, through technology, to avoid a crash. Used Car Safety Ratings, as listed in this brochure, are calculated using data from millions of police reports on actual crashes involving a range of drivers and all types of driving conditions.</p> <p>The Used Car Safety Ratings listed in this brochure are all calculated on a consistent set of criteria and all updated annually based on the most recent real world data. They can therefore be compared across all categories. The Used Car Safety Ratings 'Safe Pick' further identifies vehicles that provide the best protection for both their own occupants and other road users in a crash.</p> <p>Any vehicle safety rating system can only provide an indication of the relative levels of protection between vehicles you can expect in the event of a crash. Whether or not you die or are seriously injured in a crash also depends on how safely you drive your vehicle and the particular crash circumstances.</p>
<p>FEATURES TO ASSIST AVOIDING A CRASH</p> <p>An increasing number of vehicles are being equipped with safety features that help drivers avoid a crash and these should be considered when purchasing a used car. Some of these features are:</p> <ul style="list-style-type: none">• Automatic braking• Pedestrian Detection• Electronic Stability Control (ESC)• Anti-lock Brake System (ABS)• Lane departure warning• Blind Spot Warning• Traction Control• Brake Assist <p>In deciding between different vehicles, or different models of the same vehicle, always chose the one with more of these features.</p>				



WHERE TO FIND OUT MORE

For more information or answers to frequently asked questions about purchasing a safe used vehicle, visit the website or call the enquiry number of the organisation nearest to you:

New South Wales
NRMA: www.mynrma.com.au/ucsr Phone 13 11 22
Transport for New South Wales: www.transport.nsw.gov.au
Phone 02 8202 2200

New Zealand
New Zealand Transport Agency: www.rightcar.govt.nz
Phone 0800 699 000
New Zealand Automobile Association: www.aa.co.nz/safety
Phone 0800 500 333 (option 2)

Australia
Department of Infrastructure and Transport: www.infrastructure.gov.au

Victoria
RACV: www.racv.com.au Phone 03 9790 2190
VicRoads: www.vicroads.vic.gov.au
Transport Accident Commission: www.howsafeisyourcar.com.au

Western Australia
RAC: www.rac.com.au Phone 1800 502 328
Office of Road Safety: www.ors.wa.gov.au Phone 08 9323 4688

Queensland
Department of Transport and Main Roads, Queensland: www.tmr.qld.gov.au Phone 07 3114 5844
RACQ Technical Advisory Service: www.racq.com
Phone 07 3666 9148 or 1800 623 456

South Australia
RAA: www.raa.com.au Phone 08 8202 4689
DPTI: www.dpti.sa.gov.au Phone 08 8343 2222



Used Car Safety Ratings

BUYER'S GUIDE

Passenger vehicles built 1996–2011

2013-14
UPDATE

IN A CRASH
how well will your car protect you from death or serious injury?



Buyer's Guide to Used Car Safety Ratings 2013

KEY			
Driver Protection Rating			
Excellent	★ ★ ★ ★ ★		
Good	★ ★ ★ ★		
Marginal	★ ★ ★		
Poor	★ ★		
Very Poor	★		
Vehicles with a "Safe Pick" rating also cause less serious injury to other road users with which they collide including other vehicle drivers, pedestrians, cyclists and motorcyclists, and are fitted with Electronic Stability Control (ESC).			Safe Pick

KEY			
Driver Protection Rating			
Excellent	★ ★ ★ ★ ★		
Good	★ ★ ★ ★		
Marginal	★ ★ ★		
Poor	★ ★		
Very Poor	★		
Vehicles with a "Safe Pick" rating also cause less serious injury to other road users with which they collide including other vehicle drivers, pedestrians, cyclists and motorcyclists, and are fitted with Electronic Stability Control (ESC).			Safe Pick

SMALL CARS			
Make	Model	Year	Driver Protection Rating
Holden	Cruze JG/JH	09-11	★ ★ ★ ★ ★ Safe Pick
Mazda	3/Axela	09-11	★ ★ ★ ★ ★ Safe Pick
Peugeot	307	01-09	★ ★ ★ ★ ★ Safe Pick
Toyota	Prius II	03-09	★ ★ ★ ★ ★ Safe Pick
Volkswagen	Golf/Bora	99-04	★ ★ ★ ★ ★ Safe Pick
Volkswagen	Golf/Jetta	04-11	★ ★ ★ ★ ★ Safe Pick
Volvo	S40/V40	97-04	★ ★ ★ ★ ★
Ford	Focus LR	02-05	★ ★ ★ ★
Ford	Focus LS/LT	05-09	★ ★ ★ ★
Holden	Astra AH	04-09	★ ★ ★ ★
Honda	Civic	06-11	★ ★ ★ ★
Hyundai	i30	07-11	★ ★ ★ ★
Mazda	3/Axela	03-09	★ ★ ★ ★
Peugeot	306	94-01	★ ★ ★ ★
Subaru	Impreza	01-07	★ ★ ★ ★
Toyota	Corolla	07-11	★ ★ ★ ★
Volkswagen	Golf	95-98	★ ★ ★ ★
Ford/Mazda	Laser/323	99-03	★ ★ ★
Holden	Astra TR	96-98	★ ★ ★
Holden	Astra TS	98-06	★ ★ ★
Holden	Viva JF	05-09	★ ★ ★
Honda	Civic	01-05	★ ★ ★
Mitsubishi	Lancer CH	03-07	★ ★ ★
Toyota	Corolla	02-07	★ ★ ★
Toyota	Corolla/Allex	98-01	★ ★ ★
Daewoo	Nubira	97-03	★ ★
Honda	Civic	96-00	★ ★
Honda	Integra	93-01	★ ★
Hyundai	Elantra	00-06	★ ★
Kia	Rio JB	05-11	★ ★
Nissan	Pulsar/Bluebird Sylphy	00-05	★ ★
Suzuki	Baleno/Cultus Crescent	95-02	★ ★
Daewoo	Cielo	95-97	★
Daewoo	Lanos	97-03	★
Daihatsu	Applause	89-99	★
Ford	Laser	95-97	★
Hyundai	Accent	00-06	★
Hyundai	Excel/Accent	95-00	★
Hyundai	Lantra	96-00	★
Hyundai	S Coupe	90-96	★
Kia	Rio	00-05	★
Mazda	323/Familia/Lantis	95-98	★
Mitsubishi	Lancer/Mirage CE	96-03	★
Mitsubishi	Lancer CE/CG/Cedia	02-03	★
Nissan	Pulsar/Vector/Sentra	96-99	★
Nissan	NX/NX-R	91-96	★
Proton	Gen 2	04-11	★
Proton	Wira	95-96	★
Subaru	Impreza	93-00	★
Toyota	Paseo/Cynos	91-99	★
Toyota/Holden	Corolla/Nova	94-97	★

MEDIUM CARS			
Audi	A4	01-08	★ ★ ★ ★ ★ Safe Pick
BMW	3 Series E90/E91/E92/E93	05-11	★ ★ ★ ★ ★ Safe Pick
Lexus	IS200/IS300	99-04	★ ★ ★ ★ ★ Safe Pick
Mercedes Benz	C-Class W203	00-07	★ ★ ★ ★ ★ Safe Pick
Toyota	Camry	06-11	★ ★ ★ ★ ★ Safe Pick
Volkswagen	Passat	98-06	★ ★ ★ ★ ★ Safe Pick
Holden	Vectra ZC	03-05	★ ★ ★ ★ ★
Honda	Accord	03-07	★ ★ ★ ★ ★
Saab	9000	86-97	★ ★ ★ ★ ★
Saab	900/9-3	94-02	★ ★ ★ ★ ★
Honda	Accord	99-02	★ ★ ★ ★ ★
Honda	Accord Euro	03-08	★ ★ ★ ★ ★
Honda	Prelude	97-02	★ ★ ★ ★ ★
Audi	A4	95-01	★ ★ ★ ★
BMW	3 Series E46	99-06	★ ★ ★ ★
Ford	Cougar	99-03	★ ★ ★ ★
Ford	Mondeo	95-01	★ ★ ★ ★
Mazda	6/Atenza	02-07	★ ★ ★ ★
Mercedes Benz	C-Class W202	95-00	★ ★ ★ ★
Subaru	Liberty/Legacy/Outback	03-09	★ ★ ★ ★
Subaru	Liberty/Legacy/Outback	99-03	★ ★ ★ ★
Toyota	Camry	02-06	★ ★ ★ ★
BMW	3 Series E36	92-98	★ ★ ★
Holden	Vectra	97-03	★ ★ ★
Honda	Accord	94-98	★ ★ ★
Mazda	626	98-02	★ ★ ★
Nissan	200SX/Silvia	94-02	★ ★ ★
Nissan	Bluebird	93-97	★ ★ ★
Subaru	Liberty/Legacy/Outback	94-98	★ ★ ★
Toyota	Camry	98-02	★ ★ ★
Toyota	Celica	94-99	★ ★ ★
Ford/Mazda	Telstar/626/MX6/Capella/Cronos	92-97	★ ★
Honda	Prelude	92-96	★ ★
Mitsubishi	Galant	95-96	★ ★
Daewoo	Espero	95-97	★
Daewoo	Tacuma	00-04	★
Holden/Toyota	Apollo JM/JP/Camry/Sceptor	93-97	★

LARGE CARS			
BMW	5 Series E39	96-03	★ ★ ★ ★ ★ Safe Pick
Ford	Falcon FG	08-11	★ ★ ★ ★ ★ Safe Pick
Holden	Statesman/Caprice WK/WL	03-06	★ ★ ★ ★ ★ Safe Pick
Mercedes Benz	E-Class W210	96-02	★ ★ ★ ★ ★ Safe Pick
Nissan	Maxima	06-09	★ ★ ★ ★ ★ Safe Pick
Toyota	Aurion	06-11	★ ★ ★ ★ ★ Safe Pick
Mitsubishi	380	05-08	★ ★ ★ ★
Ford	Fairlane & LTD AU	99-02	★ ★ ★ ★
Ford	Falcon BA/BF	02-08	★ ★ ★ ★
Holden	Commodore VE	06-11	★ ★ ★ ★
Holden	Commodore VY/VZ	02-07	★ ★ ★ ★
Holden	Monaro	01-05	★ ★ ★ ★
Holden	Statesman/Caprice WH	99-03	★ ★ ★ ★
Mitsubishi	Magna TL/TW/Verada KL/KW	03-05	★ ★ ★ ★
Toyota	Avalon	00-05	★ ★ ★ ★
Volvo	850/S70/V70/C70	92-99	★ ★ ★ ★
Ford	Fairlane N & LTD D	95-98	★ ★ ★
Ford	Falcon AU	98-02	★ ★ ★
Holden	Commodore VT/VX	97-02	★ ★ ★
Holden	Statesman/Caprice VR/VS	94-98	★ ★ ★
Ford	Falcon EF/EL	94-98	★ ★
Hyundai	Sonata	89-97	★ ★
Mitsubishi	Magna TE/TF/TH/TJ/Verada KE/KF/KH/KJ/Diamante	96-03	★ ★
Mitsubishi	Magna TR/TS/Verada KR/KS/V3000/Diamante	91-96	★ ★
Nissan	Maxima/Cefiro	95-99	★ ★
Holden/Toyota	Commodore VR/VS/Lexcen	93-97	★

PEOPLE MOVERS			
Honda	Odyssey	04-09	★ ★ ★ ★ ★ Safe Pick
Honda	Odyssey	95-00	★ ★ ★ ★ ★
Kia	Carnival	06-11	★ ★ ★ ★ ★
Kia	Carnival	99-06	★ ★ ★ ★ ★
Toyota	Tarago/Previa/Estima	00-06	★ ★ ★ ★
Toyota	Tarago/Previa/Estima	91-99	★ ★ ★
Mitsubishi	Starwagon/Delica Spacegear	95-03	★ ★

NOTES	

LIGHT CARS			
Mazda	2/Demio	07-11	★ ★ ★ ★
Holden	Barina XC/Combo	01-11	★ ★ ★ ★
Honda	Jazz/Fit	02-08	★ ★ ★
Toyota	Yaris/Vitz	05-11	★ ★ ★
Holden	Barina TK	05-11	★ ★
Mazda	2/Demio	02-07	★ ★
Suzuki	Swift	05-10	★ ★
Daewoo	Kalos	03-04	★
Daewoo	Matiz	99-04	★
Daihatsu	Charade	03-05	★
Daihatsu	Charade	93-00	★
Daihatsu	Mira	90-96	★
Daihatsu	Sirion/Storia	98-04	★
Ford	Ka	99-02	★
Ford	Festiva WD/WH/WF	94-01	★
Holden	Barina SB	95-00	★
Holden/Suzuki	Barina/Swift/Cultus	89-99	★
Hyundai	Getz/TB	02-11	★
Mazda	121/Autozam Review	94-96	★
Mazda	121 Metro/Demio	97-02	★
Nissan	Micra	95-97	★
Suzuki	Alto	85-00	★
Suzuki	Ignis	00-02	★
Toyota	Echo	99-05	★
Toyota	Starlet	96-99	★

COMMERCIAL VEHICLES - VANS			
Ford	Transit	01-07	★ ★ ★ ★ ★
Mercedes Benz	Sprinter	98-06	★ ★ ★ ★ ★
Volkswagen	Caravelle/Transporter	95-04	★ ★ ★ ★ ★
Ford	Transit	95-00	★ ★ ★ ★
Toyota	Hiace/Liteace	96-04	★ ★ ★
Daihatsu	Handivan/Cuore	99-03	★
Holden/Suzuki	Scurry/Carry	82-00	

COMMERCIAL VEHICLES - UTES			
Holden	Commodore Ute VE	07-11	★ ★ ★ ★ ★ Safe Pick
Mitsubishi	Triton ML/MN	06-11	★ ★ ★ ★ ★ Safe Pick
Nissan	Navara	05-11	★ ★ ★ ★ ★ Safe Pick
Ford	Falcon Ute BA/BF	03-08	★ ★ ★ ★ ★
Ford/Mazda	Ranger/BT-50	06-11	★ ★ ★ ★ ★
Toyota	Hilux	05-11	★ ★ ★ ★ ★
Ford	Falcon Ute AU	00-02	★ ★ ★ ★
Ford/Mazda	Courier/Bravo/Bounty	03-06	★ ★ ★ ★
Ford/Mazda	Courier/B-Series/Bounty	98-02	★ ★ ★ ★
Holden	Commodore Ute VY/VZ	02-07	★ ★ ★ ★
Holden	Rodeo	03-08	★ ★ ★ ★
Mitsubishi	Triton MK	96-06	★ ★ ★ ★
Nissan	Navara	97-05	★ ★ ★ ★
Toyota	Hilux	03-04	★ ★ ★ ★
Ford	Falcon Ute	96-99	★ ★ ★
Holden	Commodore Ute VU	00-02	★ ★ ★
Holden	Rodeo	99-02	★ ★ ★
Toyota	Hilux	98-02	★ ★ ★
Holden	Commodore Ute VR/VS	94-00	★ ★
Holden	Rodeo	99-02	★ ★
Nissan	Navara	92-96	★ ★
Kia	Ceres	92-00	★
Toyota	4Runner/Hilux	89-97	★

COMPACT 4-WHEEL DRIVE VEHICLES			
Mitsubishi/Peugeot	Outlander/4007	06-11	★ ★ ★ ★ ★ Safe Pick
Kia	Sportage	98-03	★ ★ ★ ★
Nissan	X-Trail	01-07	★ ★ ★ ★
Daihatsu	Feroza/Rocky	89-97	★
Daihatsu	Rocky/Rugger	85-98	★
Daihatsu	Terios	97-05	★
Holden	Cruze	02-06	★
Holden/Suzuki	Drover/Sierra/Samurai/SJ410/SJ413	82-99	★
Suzuki	Vitara/Escudo	88-98	★

MEDIUM 4-WHEEL DRIVE VEHICLES			
Holden	Captiva CG	06-11	★ ★ ★ ★ ★ Safe Pick
Honda	CR-V	07-11	★ ★ ★ ★ ★ Safe Pick
Jeep	Cherokee KJ	01-07	★ ★ ★ ★ ★ Safe Pick
Nissan	Pathfinder	05-11	★ ★ ★ ★ ★ Safe Pick
Subaru	Forester	02-08	★ ★ ★ ★ ★ Safe Pick
Honda	CR-V	02-06	★ ★ ★ ★ ★
Mitsubishi	Pajero NM/NP	00-06	★ ★ ★ ★ ★
Nissan	Pathfinder/Terrano/Regulus	95-05	★ ★ ★ ★ ★
Ford/Mazda	Escape/Tribute	01-06	★ ★ ★ ★
Holden/Isuzu	Jackaroo/Bighorn	92-97	★ ★ ★ ★
Holden/Isuzu	Jackaroo/Bighorn	98-02	★ ★ ★ ★
Honda	CR-V	97-01	★ ★ ★ ★
Subaru	Forester	97-02	★ ★ ★ ★
Suzuki	Grand Vitara	99-05	★ ★ ★ ★
Toyota	RAV4	01-06	★ ★ ★ ★
Toyota	RAV4	06-11	★ ★ ★ ★
Jeep	Cherokee XJ	96-00	★ ★ ★
Mitsubishi	Pajero	92-99	★ ★ ★
Toyota	RAV4	94-00	★ ★

LARGE 4-WHEEL DRIVE VEHICLES			
BMW	X5	01-08	★ ★ ★ ★ ★ Safe Pick
Ford	Territory SX/SY	04-11	★ ★ ★ ★ ★ Safe Pick
Mercedes Benz	M-Class W163	98-05	★ ★ ★ ★ ★ Safe Pick
Toyota	Kluger/Highlander	07-11	★ ★ ★ ★ ★ Safe Pick
Nissan	Patrol/Safari	98-11	★ ★ ★ ★ ★
Toyota	Landcruiser Prado	03-09	★ ★ ★ ★ ★
Toyota	Landcruiser Prado	96-03	★ ★ ★ ★ ★
Land Rover	Discovery	91-02	★ ★ ★ ★
Nissan/Ford	Patrol/Maverick/Safari	88-97	★ ★ ★ ★
Toyota	Kluger/Highlander	03-07	★ ★ ★ ★
Toyota	Landcruiser	98-07	★ ★ ★ ★
Toyota	Landcruiser	90-97	★ ★ ★

NOTES	