

Buyer's Guide to Used Car Safety Ratings 2016-17

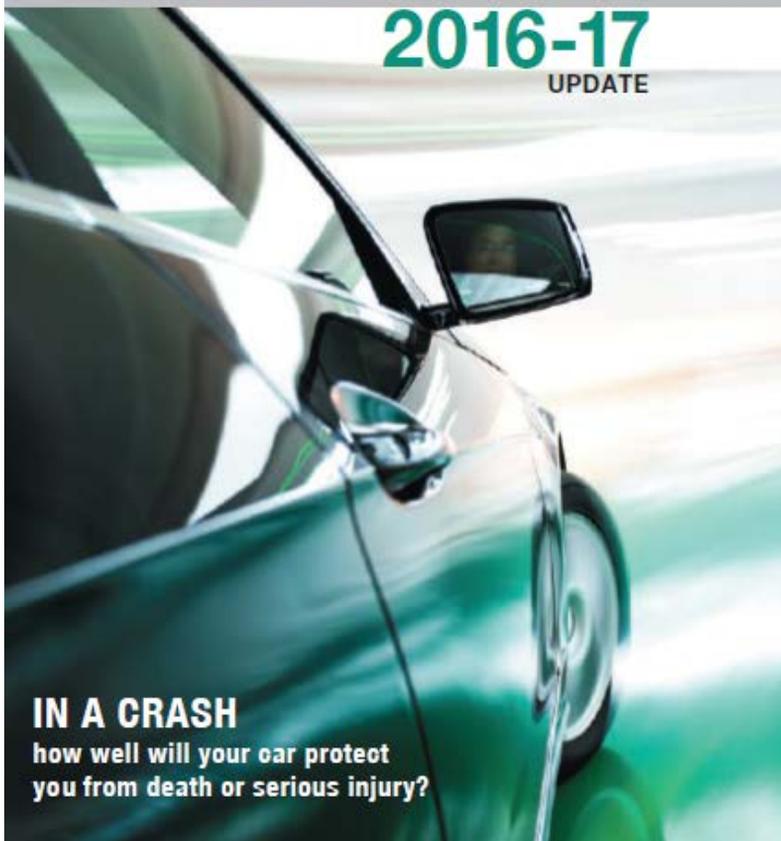


Used Car Safety Ratings

BUYER'S GUIDE

Passenger vehicles built 1996-2014

2016-17 UPDATE



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



Government of South Australia
Department of Planning,
Transport and Infrastructure



Australian Government
Department of Infrastructure
and Regional Development



Queensland
Government



State Insurance
Regulatory Authority



vicroads
NZ TRANSPORT AGENCY
WAKA KOTAH-I



Transport
for NSW



Buyer's Guide to Used Car Safety Ratings 2016-17

Introduction

The Used Car Safety Ratings charts included in this report 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.

Those vehicles which provide excellent protection from injury for their own drivers as well as for other road users in the event of a crash receive a '**Safe Pick**' rating.

These ratings are based upon real-world crash data for 266 vehicle models in the Australian and New Zealand fleets, manufactured from 1996 until 2014. The AA and the NZ Transport Agency are members of the *Vehicle Safety Research Group*, which commissioned the analysis of the crash data by the Monash University Accident Research Centre.

Many new vehicle models and some very low sales volume vehicle models of all ages are not covered by these ratings due to insufficient real-world crash data to enable those models to be rated accurately.

If you're considering a new or late model vehicle that's not listed in this report, check the [ANCAP safety ratings](#) and look for a vehicle which holds the maximum 5 star ANCAP safety rating.

Buyer's Guide to Used Car Safety Ratings 2016-17

Categories:

- Small cars
- Medium cars
- Large cars
- People movers
- Light cars
- Commercial vehicles – vans
- Commercial vehicles – Utes
- Compact SUVs
- Medium SUVs
- Large SUVs

KEY

Driver Protection Rating

Excellent		
Good		
Marginal		
Poor		
Very Poor		

Only vehicles which provide excellent protection to their own driver, cause less serious injury to other drivers, pedestrians, cyclists and motorcyclists in a collision and are fitted with ESC achieve a Safe Pick rating. ESC helps avoid a crash and can reduce the severity of the crash if it cannot be avoided.

Safe Pick

SMALL CARS

Make	Model	Year	Driver Protection Rating	
Ford	Focus LV	09-12	★ ★ ★ ★ ★	Safe Pick
Audi	A3	04-13	★ ★ ★ ★ ★	
Holden	Cruze JG/JH	09-14	★ ★ ★ ★ ★	
Peugeot	307	01-09	★ ★ ★ ★ ★	
Subaru	Impreza	07-11	★ ★ ★ ★ ★	
Volvo	S40/V40	97-04	★ ★ ★ ★ ★	
BMW	1 Series E81/E82/E87/E88	04-13	★ ★ ★ ★	
Honda	Civic	06-11	★ ★ ★ ★	
Hyundai	i30	12-14	★ ★ ★ ★	
Mitsubishi	Lancer CJ	08-14	★ ★ ★ ★	
Toyota	Prius 2	03-09	★ ★ ★ ★	
Volkswagen	Golf/Bora	99-04	★ ★ ★ ★	
Volkswagen	Golf/Jetta	04-09	★ ★ ★ ★	
Ford	Focus LR	02-05	★ ★ ★	
Holden	Viva JF	05-09	★ ★ ★	
Honda	Civic	01-05	★ ★ ★	
Hyundai	i30	07-12	★ ★ ★	
Kia	Cerato LD	04-08	★ ★ ★	
Mazda	3/Axela	03-09	★ ★ ★	
Mazda	3/Axela	09-13	★ ★ ★	
Peugeot	306	94-01	★ ★ ★	
Subaru	Impreza	01-07	★ ★ ★	
Suzuki	Liana	01-07	★ ★ ★	
Toyota	Corolla	07-13	★ ★ ★	
Volkswagen	Golf	95-98	★ ★ ★	
Ford	Focus LS/LT	05-09	★ ★	
Ford/Mazda	Laser/323	99-03	★ ★	
Holden	Astra AH	04-09	★ ★	
Holden	Astra TR	96-98	★ ★	
Holden	Astra TS	98-06	★ ★	
Nissan	Tiida	06-13	★ ★	
Toyota	Corolla	02-07	★ ★	
Toyota	Corolla/Allex	98-01	★ ★	
Daewoo	Cielo	95-97	★	
Daewoo	Lanos	97-03	★	
Daewoo	Nubira	97-03	★	
Daihatsu	Applause	89-99	★	
Ford	Laser	95-97	★	
Honda	Civic	96-00	★	
Honda	Integra	93-01	★	
Hyundai	Accent	00-06	★	
Hyundai	Elantra	00-06	★	
Hyundai	Excel/Accent	95-00	★	
Hyundai	Lantra	96-00	★	
Kia	Rio	00-05	★	
Kia	Rio JB	05-11	★	
Mazda	323/Familia/Lantis	95-98	★	
Mitsubishi	Lancer/Mirage CE	96-03	★	
Mitsubishi	Lancer CH	03-07	★	
Nissan	Pulsar/Bluebird Sylphy	00-05	★	
Nissan	Pulsar/Vector/Sentra	96-99	★	
Proton	Wira	95-96	★	
Subaru	Impreza	93-00	★	
Suzuki	Baleno/Cultus Crescent	95-02	★	
Toyota	Paseo/Cynos	91-99	★	

MEDIUM CARS

Audi	A4	01-08	★	★	★	★	★	Safe Pick
Audi	A4/S4 B8/AllRoad/RS4	08-14	★	★	★	★	★	Safe Pick
Ford	Mondeo	07-14	★	★	★	★	★	Safe Pick
Lexus	IS350/IS250/IS F	05-13	★	★	★	★	★	Safe Pick
Mazda	RX-8	03-11	★	★	★	★	★	Safe Pick
Mercedes Benz	C-Class W204/C204	07-14	★	★	★	★	★	Safe Pick
Mercedes Benz	CLK C209	03-09	★	★	★	★	★	Safe Pick
BMW	3 Series E90/E91/E92/E93	05-13	★	★	★	★	★	
Holden	Vectra ZC	03-05	★	★	★	★	★	
Honda	Accord	03-07	★	★	★	★	★	
Honda	Accord	08-13	★	★	★	★	★	
Lexus	IS200/IS300	99-04	★	★	★	★	★	
Mazda	6/Atenza	08-11	★	★	★	★	★	
Peugeot	407	04-11	★	★	★	★	★	
Volkswagen	Passat	98-06	★	★	★	★	★	
Ford	Cougar	99-03	★	★	★	★		
Honda	Accord	99-02	★	★	★	★		
Honda	Accord Euro	03-08	★	★	★	★		
Honda	Accord Euro	08-14	★	★	★	★		
Honda	Prelude	97-02	★	★	★	★		
Mazda	6/Atenza	02-07	★	★	★	★		
Mercedes Benz	C-Class W202	95-00	★	★	★	★		
Saab	9000	86-97	★	★	★	★		
Saab	900/9-3	94-02	★	★	★	★		
Subaru	Liberty/Legacy/Outback	03-09	★	★	★	★		
Toyota	Camry	06-11	★	★	★	★		
Toyota	Celica	00-05	★	★	★	★		
Audi	A4	95-01	★	★	★			
BMW	3 Series E46	99-06	★	★	★			
Ford	Mondeo	95-01	★	★	★			
Mercedes Benz	C-Class W203	00-07	★	★	★			
Subaru	Liberty/Legacy/Outback	99-03	★	★	★			
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	Camry	02-06	★	★				
Ford/Mazda	Telstar/626/MX6/Capella/Cronos	92-97	★					
Holden/Toyota	Apollo JM/JP/Camry/Sceptor	93-97	★					
Honda	Prelude	92-96	★					
Hyundai	Sonata	89-97	★					
Hyundai	Sonata	98-01	★					
Mitsubishi	Galant	95-96	★					
Toyota	Celica	94-99	★					

LARGE CARS

Ford	Falcon FG/FG-X	08-14	★ ★ ★ ★ ★	Safe Pick
Holden	Statesman/Caprice WM/WN	06-14	★ ★ ★ ★ ★	Safe Pick
BMW	5 Series E39	96-03	★ ★ ★ ★ ★	
Holden	Statesman/Caprice WK/WL	03-06	★ ★ ★ ★ ★	
Mercedes Benz	E-Class W211	02-09	★ ★ ★ ★ ★	
Toyota	Aurion	12-14	★ ★ ★ ★ ★	
Holden	Commodore VE	06-13	★ ★ ★ ★	
Mercedes Benz	E-Class W210	96-02	★ ★ ★ ★	
Mitsubishi	380	05-08	★ ★ ★ ★	
Toyota	Aurion	06-12	★ ★ ★ ★	
Ford	Fairlane & LTD AU	99-02	★ ★ ★	
Ford	Fairlane & LTD BA/BF	03-07	★ ★ ★	
Ford	Falcon BA/BF	02-08	★ ★ ★	
Holden	Commodore VY/VZ	02-07	★ ★ ★	
Holden	Monaro	01-05	★ ★ ★	
Lexus	ES300/Windom	92-01	★ ★ ★	
Mitsubishi	Magna TL/TW/Verada KL/KW	03-05	★ ★ ★	
Nissan	Maxima	06-09	★ ★ ★	
Toyota	Avalon	00-05	★ ★ ★	
Volvo	850/S70/V70/C70	92-99	★ ★ ★	
Ford	Fairlane N & LTD D	95-98	★ ★	
Holden	Statesman/Caprice WH	99-03	★ ★	
Ford	Falcon AU	98-02	★	
Ford	Falcon EF/EL	94-98	★	
Holden	Commodore VT/VX	97-02	★	
Holden	Statesman/Caprice VR/VS	94-98	★	
Holden/Toyota	Commodore VR/VS/Lexcen	93-97	★	
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	★	

PEOPLE MOVERS

Honda	Odyssey	04-09	★ ★ ★ ★ ★	Safe Pick
Kia	Carnival	06-11	★ ★ ★ ★ ★	
Toyota	Avensis Verso	01-10	★ ★ ★ ★ ★	
Toyota	Tarago/Previa/Estima	06-14	★ ★ ★ ★ ★	
Honda	Odyssey	95-00	★ ★ ★ ★	
Kia	Carnival	99-06	★ ★ ★ ★	
Toyota	Tarago/Previa/Estima	00-06	★ ★ ★ ★	
Toyota	Tarago/Previa/Estima	91-99	★ ★	
Mitsubishi	Starwagon/Delica Spacegear	95-03	★	

LIGHT CARS

Make	Model	Year	Driver Protection Rating	
Volkswagen	Polo	02-10	★ ★ ★ ★	
Ford	Fiesta WP/WQ	04-08	★ ★ ★	
Ford	Fiesta WS/WT/WZ	09-14	★ ★ ★	
Mazda	2/Demio	07-14	★ ★ ★	
Toyota	Yaris/Vitz	11-14	★ ★ ★	
Holden	Barina XC/Combo	01-12	★ ★	
Honda	Jazz GE/Fit	08-14	★ ★	
Honda	Jazz/Fit	02-08	★ ★	
Peugeot	206	99-07	★ ★	
Toyota	Yaris/Vitz	05-11	★ ★	
Daihatsu	Charade	93-00	★	
Daihatsu	Sirion/Storia	98-04	★	
Ford	Festiva WD/WH/WF	94-01	★	
Holden	Barina TK	05-11	★	
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	★	
Mazda	2/Demio	02-07	★	
Mitsubishi	Colt	04-11	★	
Suzuki	Swift	05-10	★	
Toyota	Echo	99-05	★	
Toyota	Starlet	96-99	★	

COMMERCIAL VEHICLES - VANS

Hyundai	iLoad	08-14	★ ★ ★ ★ ★	Safe Pick
Mercedes Benz	Sprinter	06-14	★ ★ ★ ★ ★	Safe Pick
Mercedes Benz	Vito/Viano/Valente	04-14	★ ★ ★ ★ ★	Safe Pick
Volkswagen	Caravelle/Transporter/Multivan	04-14	★ ★ ★ ★ ★	Safe Pick
Ford	Transit	01-07	★ ★ ★ ★ ★	
Mercedes Benz	Sprinter	98-06	★ ★ ★ ★ ★	
Mercedes Benz	Vito	99-04	★ ★ ★ ★ ★	
Toyota	Hiace	05-14	★ ★ ★ ★	
Volkswagen	Caravelle/Transporter	95-04	★ ★ ★ ★	
Ford	Transit	95-00	★ ★ ★	
Toyota	Hiace/Liteace	96-04	★ ★	

COMMERCIAL VEHICLES - UTES

Isuzu	D-Max	08-13	★ ★ ★ ★ ★	Safe Pick
Holden	Colorado RC	08-11	★ ★ ★ ★ ★	
Mitsubishi	Triton ML/MN	06-14	★ ★ ★ ★ ★	
Ford	Falcon Ute BA/BF	03-08	★ ★ ★ ★ ★	
Ford	Falcon Ute FG/FG-X	08-14	★ ★ ★ ★ ★	
Ford/Mazda	Ranger/BT-50	06-11	★ ★ ★ ★ ★	
Holden	Commodore Ute VE	07-13	★ ★ ★ ★ ★	
Nissan	Navara	97-05	★ ★ ★ ★ ★	
Nissan	Navara	05-14	★ ★ ★ ★ ★	
Toyota	Hilux	05-14	★ ★ ★ ★ ★	
Ford	Falcon Ute AU	00-02	★ ★ ★	
Ford/Mazda	Courier/Bravo/Bounty	03-06	★ ★ ★	
Holden	Commodore Ute VU	00-02	★ ★ ★	
Holden	Commodore Ute VY/VZ	02-07	★ ★ ★	
Holden	Rodeo	03-08	★ ★ ★	
Mitsubishi	Triton MK	96-06	★ ★ ★	
Toyota	Hilux	03-04	★ ★ ★	
Ford/Mazda	Courier/B-Series/Bounty	98-02	★ ★	
Holden	Rodeo	96-98	★ ★	
Holden	Rodeo	99-02	★ ★	
Toyota	Hilux	98-02	★ ★	
Ford	Falcon Ute	96-99	★	
Holden	Commodore Ute VR/VS	94-00	★	
Nissan	Navara	92-96	★	
Toyota	4Runner/Hilux	89-97	★	

COMPACT SUVs

Hyundai	ix35	10-14	★ ★ ★ ★ ★	Safe Pick
Mitsubishi/ Peugeot	Outlander/4007	06-12	★ ★ ★ ★ ★	Safe Pick
Suzuki	SX4	07-14	★ ★ ★ ★	
Hyundai	Tucson	04-10	★ ★ ★	
Mitsubishi	Outlander	03-06	★ ★ ★	
Kia	Sportage	98-03	★ ★	
Daihatsu	Terios	97-05	★	
Holden	Cruze	02-06	★	
Holden/Suzuki	Drover/Sierra/Samurai/ SJ410/SJ413	82-99	★	
Suzuki	Vitara/Escudo	88-98	★	

MEDIUM SUVs

Ford	Territory SZ	11-14	★	★	★	★	★	Safe Pick
Mazda	CX-7	06-12	★	★	★	★	★	Safe Pick
Subaru	Tribeca	06-14	★	★	★	★	★	Safe Pick
Toyota	Kluger/Highlander	07-13	★	★	★	★	★	Safe Pick
Ford	Territory SWSY	04-10	★	★	★	★	★	
Subaru	Forester	08-12	★	★	★	★	★	
Hyundai	Santa Fe CM	06-12	★	★	★	★	★	
Jeep	Cherokee KJ	01-07	★	★	★	★	★	
Jeep	Wrangler JK	07-14	★	★	★	★	★	
Ford/Mazda	Escape/Tribute	06-12	★	★	★	★	★	
Nissan	Pathfinder R51	05-13	★	★	★	★	★	
Holden	Captiva CG	06-14	★	★	★	★		
Honda	CR-V	02-06	★	★	★	★		
Honda	CR-V	07-12	★	★	★	★		
Hyundai	Santa Fe	00-06	★	★	★	★		
Nissan	Pathfinder/Terrano/Regulus	95-05	★	★	★	★		
Subaru	Forester	02-08	★	★	★	★		
Suzuki	Grand Vitara/Escudo	05-08	★	★	★	★		
Toyota	RAV4	06-12	★	★	★	★		
Toyota	Kluger/Highlander	03-07	★	★	★	★		
Holden/Isuzu	Jackaroo/Bighorn	92-97	★	★	★			
Holden/Isuzu	Jackaroo/Bighorn	98-02	★	★	★			
Holden	Frontera/Mu	95-03	★	★	★			
Honda	CR-V	97-01	★	★	★			
Ford/Mazda	Escape/Tribute	01-06	★	★	★			
Mitsubishi	Challenger	98-06	★	★	★			
Nissan	X-Trail	01-07	★	★	★			
Subaru	Forester	97-02	★	★	★			
Suzuki	Grand Vitara	99-05	★	★	★			
Toyota	RAV4	01-05	★	★	★			
Jeep	Cherokee XJ	96-00	★	★				
Mitsubishi	Pajero	92-99	★	★				
Toyota	RAV4	94-00	★					

LARGE SUVs

BMW	X5	01-06	★	★	★	★	★	Safe Pick
BMW	X5 E70	07-13	★	★	★	★	★	Safe Pick
Lexus	RX270/350/400h/450h	09-14	★	★	★	★	★	Safe Pick
Mazda	CX-9	07-14	★	★	★	★	★	Safe Pick
Mercedes Benz	ML-Class W163	98-05	★	★	★	★	★	Safe Pick
Volvo	XC90	03-14	★	★	★	★	★	Safe Pick
Ford	Explorer	01-05	★	★	★	★	★	
Jeep	Grand Cherokee WG	99-05	★	★	★	★	★	
Mitsubishi	Pajero NM/NP	00-06	★	★	★	★	★	
Mitsubishi	Pajero NS/NT/NW	07-14	★	★	★	★	★	
Toyota	Landcruiser 200 Series	07-14	★	★	★	★	★	
Toyota	Landcruiser Prado	03-09	★	★	★	★	★	
Toyota	Landcruiser Prado	09-14	★	★	★	★	★	
Nissan	Patrol/Safari	98-12	★	★	★	★		
Toyota	Landcruiser Prado	96-03	★	★	★	★		
Land Rover	Discovery	91-02	★	★	★			
Land Rover	Range Rover	82-96	★	★	★			
Nissan/Ford	Patrol/Maverick/Safari	88-97	★	★	★			
Toyota	Landcruiser	98-07	★	★	★			
Toyota	Landcruiser	90-97	★	★				

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How are Used Car Safety Ratings calculated?

Records from over 7.5 million vehicles in police-reported road crashes in Australia and New Zealand between 1987 and 2014 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. Each of the driver protection ratings in the 2016 update has been recalculated based on the most recent crash data available so they are **not comparable with the ratings published in previous years.**

The ratings compare the safety of each vehicle model to all other used vehicles currently available. As the safety of new vehicles is constantly improving, the same models can have different ratings from previous years. Models of vehicles that cause lower 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, and are fitted with Electronic Stability Control (ESC) are awarded the '**Safe Pick**' label. In some models, ESC was optional so, if interested in one of these, check to see if it has ESC. The score for each individual model can be compared against the ratings for all other vehicles.

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, vehicle technology, driver behaviour, vehicle condition and the road environment.

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?

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.

What's the difference between Used Car Safety Ratings and ANCAP Safety Ratings?

ANCAP safety ratings are assessed by a combination of data obtained from the simulation of common crash scenarios undertaken on **new** vehicles in a controlled laboratory setting, the features that can help the vehicles avoid a crash or better protect their occupants in a crash, and the risk the vehicles pose to pedestrians in a crash.

Used Car Safety Ratings, as listed in this report, are calculated using data from millions of police reports on actual crashes involving a range of drivers and all types of driving conditions.

The Used Car Safety Ratings listed in this report are all calculated on a consistent set of criteria and 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 drivers and other road users in a crash and are fitted with ESC.

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 circumstances of each particular crash.

For more information or answers to frequently asked questions about purchasing a safe used vehicle in New Zealand, contact:

New Zealand Transport Agency: www.rightcar.govt.nz Ph. 0800 699 000

New Zealand Automobile Association: www.aa.co.nz/safety Ph. 0800 500 333 (option 2)