

ANCAP Safety Rating

INFINITI Q30 (August 2016 - onwards)



Infiniti Q30

This ANCAP safety rating applies to:

Make / Model	Infiniti Q30
Year Range	August 2016 - onwards
Variant(s)*	All variants
Vehicle Type	Medium Car

The tested model of Infiniti Q30 was introduced in Australia in August 2016. This ANCAP safety rating applies to all variants.

Dual frontal, side chest and side head-protecting airbags (curtains) and a driver knee airbag are standard. Advanced seat belt reminders are fitted to all seats. Autonomous emergency braking (AEB) City and Interurban are standard. A full list of safety features and technologies can be viewed within the *Safety Features & Technologies* table on page 2 of this report.

Injury Outcomes.

Full Width Frontal

Driver Rear Passenger Driver Front Passenger



Side Impact

Driver



Pole

Driver



Whiplash Protection

Rear



Front



Test Results Summary.

Airbags	Dual Frontal, Side, Head, Knee
Adult Occupant Protection	84% (32.12 out of 38)
- Full Width Frontal Test	7.65 (out of 8)
- Frontal Offset Test	7.99 (out of 8)
- Side Impact Test [#]	8.00 (out of 8)
- Pole Test [#]	7.01 (out of 8)
- Whiplash Protection Test	1.47 (out of 3)
- AEB (City)	0.00 (out of 3)
Child Occupant Protection	86% (42.22 out of 49)
Safety Assist	74% (9.66 out of 13)
- Speed Assistance System	1.33 (out of 3)
- ESC	3.00 (out of 3)
- Seat Belt Reminders	3.00 (out of 3)
- Lane Support System	0.00 (out of 1)
- AEB (Interurban)	2.33 (out of 3)
Pedestrian Protection	91% (32.97 out of 36)
ANCAP Safety Rating	★★★★★
Rating Year[^]	2015

[#] Scaled scores. Total test score out of 16.00 points.

Adult Occupant Protection.

Full Width Frontal Test

Each body region is scored out of 4 points

Driver	Rear Passenger
Head: 4.00 points	Head: 4.00 points
Neck: 4.00 points	Neck: 3.19 points
Chest: 4.00 points	Chest: 3.43 points
Upper legs: 4.00 points	Upper legs: 4.00 points

There was a slight risk of serious neck and chest injury for the rear seat occupant.

Frontal Offset Test

Each body region is scored out of 4 points

Driver / Front Passenger (lesser of each)
Head / neck: 4.00 points
Chest: 4.00 points
Upper legs: 4.00 points
Lower legs: 3.97 points

The passenger compartment held its shape well in the frontal offset test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. All doors remained closed during the crash.

Side Impact Test

Pole Test

Each body region is scored out of 4 points

Head: 4.00 points	Head: 4.00 points
Chest: 4.00 points	Chest: 2.02 points
Abdomen: 4.00 points	Abdomen: 4.00 points
Pelvis: 4.00 points	Pelvis: 4.00 points

There was a moderate risk of serious chest injury in the side pole test.

Whiplash Protection

Front / Rear:	1.47 points
Rear:	0.00 points
AEB (City):	0.00 points

Although AEB City is available on the Q30, it was not eligible for points due to the Marginal whiplash performance score.

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Child Occupant Protection.

Crash Test Performance

18 month old child: 12.00 points
3 year old child: 11.22 points

Child Safety Features & Child Seat Installation

Safety features: 7.00 points
Installation check: 12.00 points

NOTE: The child restraints tested by Euro NCAP are relevant to the European market. For Australasian consumers, this information should be used as a guide to vehicle features only. For more detailed information about Australian child restraints visit childcarseats.com.au.

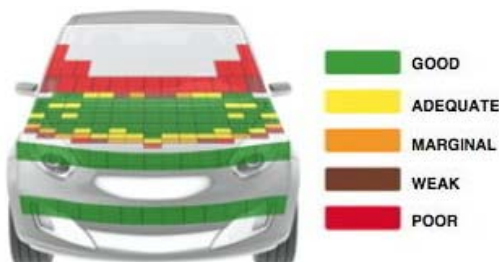
Pedestrian Protection.

Pedestrian Test

Scored out of 36 points

Adult & child head impacts: 20.97 points
Upper leg impacts: 6.00 points
Lower leg impacts: 6.00 points

This vehicle scored 32.97 out of 36 points (Good). The Q30 has an active bonnet. The protection provided to the head of a struck pedestrian was almost entirely good or adequate, with poor results recorded only at the base of the windscreen and on the stiff windscreen pillars. The protection provided to pedestrians' legs by the bumper and that of the pelvic region was good at all points tested. (Tested by Euro NCAP v8)



Score Deductions.

Deductions from full width frontal test scores

Neck: No deductions
Head: No deductions
Chest: No deductions
Upper legs: No deductions

Deductions from frontal offset test scores

Head / neck: No deductions
Chest: No deductions
Upper legs: No deductions
Lower legs: No deductions

Deductions from side impact test score

Head / neck: No deductions
Chest: No deductions
Abdomen: No deductions
Pelvis: No deductions

Deductions from pole test score

Head: No deductions

Safety Features & Technologies.

Descriptions of each of these safety features and safety assist technologies (SAT) and detail on fitting requirements for each star rating level can be found at ancap.com.au.

Safety Feature / Safety Assist Technology	Availability
Seat belts (three-point, lap/sash) for all forward-facing seats	S
Seat belt pretensioners (front)	S
Seat belt pretensioners (rear outboard)	S
Intelligent seat belt reminder (driver)	S
Intelligent seat belt reminder (front passenger)	S
Intelligent seat belt reminder (2 nd row seats)	S
Intelligent seat belt reminder (3 rd row seats)	n/a
Airbag - Frontal (driver)	S
Airbag - Frontal (passenger)	S
Airbag - Side, chest protection (front seats)	S
Airbag - Side, chest protection (2 nd row seats)	X
Airbag - Side, head protection (front seats)	S
Airbag - Side, head protection (2 nd row seats)	S
Airbag - Side, head protection (3 rd row seats)	n/a
Airbag - Knee (driver)	S
Airbag - Knee (front passenger)	X
Head restraints for all seats	S
Active bonnet	S
Adaptive cruise control (ACC)	V
Antilock braking system (ABS)	S
Autonomous emergency braking (AEB)	
- City	S
- Interurban	S
- Vulnerable road user	X
Automatic headlights	S
Automatic high beam	V
Blind spot monitoring (BSM)	V
Daytime running lights (DRL)	S
Electronic brakeforce distribution (EBD)	S
Electronic stability control (ESC)	S
Emergency brake assist (EBA)	S
Hill launch assist	S
Lane support system (LSS)	V
Reversing collision avoidance	V
Speed assistance - automatic/intelligent speed limiting (ISA)	X
Speed assistance - manual speed limiting	S
Speed assistance - speed sign recognition & warning	V
Tyre pressure monitoring system (TPMS)	S

S = Standard on all variants.
O = Optional on base variant. May be standard on higher variants.
V = Not available on base variant but standard or optional on higher variants.
X = Not available on any variant.
E = Available in Europe / USA but not available on any Australasian variant.

These specifications are subject to change. Please check with the manufacturer for the latest specifications.

Safety Assist.

Speed Assistance System (SAS)

Scored 1.3 out of 3 points

Speed limit information:	Not available
Speed assistance (manual):	Pass
Speed assistance (automatic / intelligent):	Not available

Electronic Stability Control (ESC)

Scored 3.0 out of 3 points

AEB (Interurban)

Scored 2.33 out of 3 points

Autonomous emergency braking (AEB):	1.23 out of 1.5
Forward collision warning (FCW):	0.85 out of 1.0
Human machine interface (HMI):	0.25 out of 0.5

Approaching a stationary vehicle:

13.63 out of 18.00 points for Forward Collision Warning (FCW)



Approaching a slow moving vehicle:

10.59 out of 11.00 points for Autonomous Emergency Braking (AEB), 11.00 out of 11.00 points for FCW



Approaching a braking vehicle with short headway:

0.69 out of 2.00 points for AEB, 1.15 out of 2.00 points for FCW



Approaching a braking vehicle with long headway:

2.00 out of 2.00 points for AEB, 2.00 out of 2.00 points for FCW



Seat Belt Reminder (SBR)

Scored 3.0 out of 3 points

Driver and passenger:	Pass
Rear:	Pass

Lane Support Systems (LSS)

Scored 0.0 out of 1 point*

Type: Lane departure warning (LDW)

Higher variants of the Q30 are available with LDW. This system met test requirements however as it is not standard, no points were awarded.

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Injury Values & Measurements.

Body Region	Frontal offset test at 64km/h (v7)		Full width frontal test at 50km/h (v1)		Side impact test at 50km/h (v7)	Oblique pole test at 32km/h (v7)
	Driver	Front Passenger	Driver	Rear Passenger	Driver	Driver
Head						
HIC	105.00	165.00	227.00	441.00	29.00	222.00
Acceleration (g for 3ms)	35.60	42.30	50.30	67.10	21.20	51.64
Neck						
Shear (kN)	0.67	0.49	0.49	1.40	-	-
Tension (kN)	0.63	0.31	1.09	2.20	-	-
Extension (Nm)	9.40	4.80	16.70	23.20	-	-
Chest						
Acceleration (g for 3ms)	-	-	-	-	-	-
Compression (mm)	14.15	19.46	17.91	21.45	10.54	38.87
Viscous criterion (m/s)	0.03	0.04	0.06	0.08	0.07	0.13
Abdomen						
Compression (mm)	-	-	-	-	7.24	23.50
Pelvis						
Force (kN)	-	-	-	-	0.71	-
Upper legs						
Femur force left (kN)	0.80	0.18	0.73	0.11	-	-
Femur force right (kN)	0.93	0.09	1.06	0.10	-	-
Knee displacement left (mm)	0.16	0.02	5.87	1.93	-	-
Knee displacement right (mm)	0.32	0.11	0.90	1.89	-	-
Lower legs						
Force left (kN)	2.04	1.48	-	-	-	-
Force right (kN)	1.90	1.00	-	-	-	-
Index (upper / lower) left	0.33 / 0.24	0.30 / 0.11	-	-	-	-
Index (upper / lower) right	0.27 / 0.35	0.27 / 0.12	-	-	-	-
Intrusion Measurements						
Steering column						
Forward (mm)	73	-	-	-	-	-
Downward (mm)	17	-	-	-	-	-
Sideways (mm)	3	-	-	-	-	-
Pedals						
Clutch - rearward (mm)	20	-	-	-	-	-
Clutch - upward (mm)	2	-	-	-	-	-
A-Pillar						
Rearward (mm)	0.00	-	-	-	-	-

* **Model Variants:** ANCAP safety ratings do not automatically extend to variants that have different body styles, engine configurations, driven wheels or occupant restraint systems (e.g. fewer airbags). In these cases, ANCAP considers technical evidence submitted by manufacturers before deciding on extending a rating to additional variants of a model. For further information about the application of ANCAP safety ratings to model variants, see the ANCAP Variant Policy.

^ **Rating Year:** The Rating Year denotes the year requirements against which a vehicle has been assessed. The Rating Year is determined by ANCAP and may be based on the year in which a new vehicle model is first launched into the Australian and/or New Zealand markets; the year in which the vehicle was tested (if tested by Euro NCAP); or, for vehicles which hold an existing ANCAP safety rating, the year in which the rating was updated (or earlier applicable year).

Assessment Details.

Tested Make / Model	Infiniti Q30 1.5d MT Premium, LHD
Tested Vehicle(s) Built	2015
Tested Body Type	5 door hatch
Tested Vehicle Kerb Weight	1460 kg
Tested Vehicle Engine	1.5 litre diesel
Tested By	Euro NCAP
Assessed By	Euro NCAP
Document Reference	Q30_16
Document Created / Revised	26 July 2016
Rating Published	August 2016
Rating Updated	n/a



Frontal offset test at 64km/h