

# ANCAP Safety Rating

## AUDI Q5 (June 2017 – December 2023)



Audi Q5

### This ANCAP safety rating applies to:

|              |                                                        |
|--------------|--------------------------------------------------------|
| Make / Model | Audi Q5                                                |
| Year Range   | June 2017 – December 2023                              |
| Variant(s)*  | Q5 and SQ5 petrol & diesel variants, excluding Q5 PHEV |
| Vehicle Type | Medium SUV                                             |

The Audi Q5 was first introduced in Australia and New Zealand in June 2017. This ANCAP safety rating applies to Q5 and SQ5 petrol & diesel variants including the Q5 Sportback and SQ5 Sportback released in July 2021. The Q5 PHEV is unrated.

Dual frontal airbags are standard. Side chest-protecting and side head-protecting airbags (curtains) are also standard for front and second row outboard positions. Autonomous emergency braking (AEB), blind spot monitoring (BSM) and a manually-set speed limiter are standard. A lane support system (LSS) is available on vehicles built from April 2019. Prior to this, LSS was not available.

### Injury Outcomes.

#### Full Width Frontal

Driver Rear Passenger Driver Front Passenger



#### Side Impact

Driver



#### Pole

Driver



#### Whiplash Protection

Rear Front



### Test Results Summary.

|                                        |                          |
|----------------------------------------|--------------------------|
| <b>Airbags</b>                         | Dual Frontal, Side, Head |
| <b>Adult Occupant Protection</b>       | 93% (35.67 out of 38)    |
| - Full Width Frontal Test <sup>#</sup> | 7.84 (out of 8)          |
| - Frontal Offset Test <sup>#</sup>     | 7.74 (out of 8)          |
| - Side Impact Test <sup>#</sup>        | 8.00 (out of 8)          |
| - Pole Test <sup>#</sup>               | 6.74 (out of 8)          |
| - Whiplash Protection Test             | 2.36 (out of 3)          |
| - AEB (City)                           | 2.99 (out of 3)          |
| <b>Child Occupant Protection</b>       | 86% (42.33 out of 49)    |
| <b>Safety Assist</b>                   | 58% (7.03 out of 12)     |
| - Speed Assistance System              | 1.50 (out of 3)          |
| - Seat Belt Reminders                  | 3.00 (out of 3)          |
| - Lane Support System                  | 0.00 (out of 3)          |
| - AEB (Interurban)                     | 2.53 (out of 3)          |
| <b>Pedestrian Protection</b>           | 73% (30.98 out of 42)    |
| <b>ANCAP Safety Rating</b>             | ★★★★★                    |
| <b>Rating Year<sup>^</sup></b>         | 2017                     |

<sup>#</sup> 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: 3.87 points       |
| Chest: 3.96 points      | Chest: 3.52 points      |
| Upper legs: 4.00 points | Upper legs: 4.00 points |

Driver and rear occupant chest protection was acceptable in this test. Protection to all other body regions was good.

#### Frontal Offset Test

Each body region is scored out of 4 points

##### Driver / Front Passenger (lesser of each)

|                          |
|--------------------------|
| Head / neck: 4.00 points |
| Chest: 3.49 points       |
| Upper legs: 4.00 points  |
| Lower legs: 4.00 points  |

The passenger compartment held its shape well in this test. Pedal and steering wheel displacements were well controlled. Driver and passenger contact with the airbags was stable. Driver chest protection was acceptable. All doors remained closed during the crash. After the crash all doors could be opened with normal effort.

#### 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: 1.47 points   |
| Abdomen: 4.00 points | Abdomen: 4.00 points |
| Pelvis: 4.00 points  | Pelvis: 4.00 points  |

Good protection was provided for the driver in the side impact test. In the pole test the driver chest protection was marginal.

#### Whiplash Protection

|                         |
|-------------------------|
| Front: 1.61 points      |
| Rear: 0.75 points       |
| AEB (City): 2.99 points |

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### Child Occupant Protection.

#### Crash Test Performance

|                    |              |
|--------------------|--------------|
| 6 year old child:  | 12.00 points |
| 10 year old child: | 11.33 points |

In the frontal offset test, protection of the 6 year dummy was good for all critical body regions. Protection of the neck of the 10 year dummy was marginal but that of other body areas was good. In the side impact test, protection of all critical body areas was good for both dummies, and maximum points were scored.

#### 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](http://childcarseats.com.au).

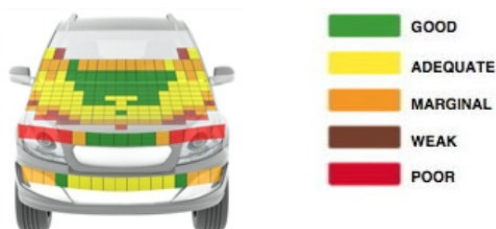
### Pedestrian Protection.

#### Pedestrian Test

##### Scored out of 42 points

|                             |              |
|-----------------------------|--------------|
| Adult & child head impacts: | 17.56 points |
| Upper leg impacts:          | 2.58 points  |
| Lower leg impacts:          | 4.99 points  |
| AEB (vulnerable road user): | 5.86 points  |

This vehicle scored 30.98 out of 42 points. The Q5 has an 'active' bonnet fitted as standard. Good or adequate results were recorded in most areas tested however some marginal areas were recorded on the upper bonnet / windscreen and there were areas of poor protection on the bonnet leading edge. The Q5 is fitted with an AEB system capable of pedestrian detection. In tests of this functionality, the system performed well with impact being avoided in most test scenarios. (Tested by Euro NCAP v8.3)



### Score Deductions.

#### Deductions from full width frontal test scores

|                      |               |
|----------------------|---------------|
| Neck:                | No deductions |
| Head:                | No deductions |
| Chest:               | No deductions |
| Upper legs / pelvis: | No deductions |
| Overall:             | No deductions |

#### Deductions from frontal offset test scores

|              |               |
|--------------|---------------|
| Head / neck: | No deductions |
| Chest:       | No deductions |
| Upper legs:  | No deductions |
| Lower legs:  | No deductions |
| Overall:     | No deductions |

#### Deductions from side impact test score

No deductions

#### Deductions from pole test score

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](http://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 <sup>nd</sup> row seats)      | S            |
| Airbag - Frontal (driver)                                       | S            |
| Airbag - Frontal (passenger)                                    | S            |
| Airbag - Side, chest protection (front seats)                   | S            |
| Airbag - Side, chest protection (2 <sup>nd</sup> row seats)     | S            |
| Airbag - Side, head protection (front seats)                    | S            |
| Airbag - Side, head protection (2 <sup>nd</sup> row seats)      | S            |
| Airbag - Knee (driver)                                          | X            |
| Airbag - Knee (front passenger)                                 | X            |
| Head restraints for all seats                                   | S            |
| Active bonnet                                                   | S            |
| Adaptive cruise control (ACC)                                   | O (S NZ)     |
| Antilock braking system (ABS)                                   | S            |
| Autonomous emergency braking (AEB)                              |              |
| - City                                                          | S            |
| - Interurban                                                    | S            |
| - Vulnerable road user                                          | S            |
| Automatic headlights                                            | S            |
| Automatic high beam                                             | V* (S NZ)    |
| Attention assist (fatigue detection)                            | S            |
| Blind spot monitoring (BSM)                                     | S            |
| Electronic brakeforce distribution (EBD)                        | S            |
| Electronic stability control (ESC)                              | S            |
| Emergency brake assist (EBA)                                    | S            |
| Exit warning                                                    | S            |
| Lane support system (LSS)                                       | X*           |
| Daytime running lights (DRL)                                    | S            |
| Hill launch assist                                              | S            |
| Rain sensing windscreen wipers                                  | S            |
| Reversing collision avoidance                                   | S            |
| Speed assistance - automatic / intelligent speed limiting (ISA) | X            |
| Speed assistance - manual speed limiting                        | S            |
| Speed assistance - speed sign recognition & warning             | X            |
| 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.

\* = Standard on variants built from April 2019.

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

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### Safety Assist.

#### Speed Assistance System (SAS)

Scored 1.5 out of 3 points

|                                             |      |
|---------------------------------------------|------|
| Speed information:                          | 0.00 |
| Speed assistance (manual):                  | 1.50 |
| Speed assistance (automatic / intelligent): | 0.00 |

#### AEB (Interurban)

Scored 2.53 out of 3 points

|                                     |                 |
|-------------------------------------|-----------------|
| Autonomous emergency braking (AEB): | 1.30 out of 1.5 |
| Forward collision warning (FCW):    | 0.86 out of 1.0 |
| Human machine interface (HMI):      | 0.37 out of 0.5 |

#### 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 3 points

Not available.

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An autonomous emergency braking (AEB) system is standard and tests at highway speeds demonstrated good performance, with impacts being avoided or mitigated over the entire range of test speeds. A driver-set speed limiter is fitted as standard equipment. A lane support system is available as an option in Europe but is not available on Australasian variants.

#### Approaching a stationary vehicle:

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



#### Approaching a slow moving vehicle:

11.00 out of 11.00 points for Autonomous Emergency Braking (AEB)



#### Approaching a braking vehicle with short headway:

1.31 out of 2.00 points for AEB, 1.33 out of 2.00 points for FCW



#### Approaching a braking vehicle with long headway:

1.63 out of 2.00 points for AEB, 1.58 out of 2.00 points for FCW



# ANCAP Safety Rating

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### Injury Values & Measurements.

| Body Region                   | Frontal offset test<br>at 64km/h<br>(v7) |                 | Full width frontal test<br>at 50km/h<br>(v1) |                | Side impact test<br>at 50km/h<br>(v7) | Oblique pole test<br>at 32km/h<br>(v7) |
|-------------------------------|------------------------------------------|-----------------|----------------------------------------------|----------------|---------------------------------------|----------------------------------------|
|                               | Driver                                   | Front Passenger | Driver                                       | Rear Passenger | Driver                                | Driver                                 |
| <b>Head</b>                   |                                          |                 |                                              |                |                                       |                                        |
| HIC                           | 99.00                                    | 101.00          | 210.00                                       | 302.00         | 43.00                                 | 372.60                                 |
| Acceleration (g for 3ms)      | 35.60                                    | 36.50           | 49.20                                        | 56.20          | 25.70                                 | 60.81                                  |
| <b>Neck</b>                   |                                          |                 |                                              |                |                                       |                                        |
| Shear (kN)                    | 0.36                                     | 0.39            | 0.54                                         | 0.89           | -                                     | -                                      |
| Tension (kN)                  | 1.25                                     | 0.81            | 0.98                                         | 1.82           | -                                     | -                                      |
| Extension (Nm)                | 7.10                                     | 11.40           | 11.50                                        | 13.10          | -                                     | -                                      |
| <b>Chest</b>                  |                                          |                 |                                              |                |                                       |                                        |
| Acceleration (g for 3ms)      | -                                        | -               | -                                            | -              | -                                     | -                                      |
| Compression (mm)              | 24.57                                    | 19.51           | 18.27                                        | 20.89          | 7.87                                  | 41.90                                  |
| Viscous criterion (m/s)       | 0.07                                     | 0.05            | 0.09                                         | 0.10           | 0.05                                  | 0.36                                   |
| <b>Abdomen</b>                |                                          |                 |                                              |                |                                       |                                        |
| Compression (mm)              | -                                        | -               | -                                            | -              | 6.48                                  | 22.77                                  |
| <b>Pelvis</b>                 |                                          |                 |                                              |                |                                       |                                        |
| Force (kN)                    | -                                        | -               | -                                            | -              | 0.42                                  |                                        |
| <b>Upper legs</b>             |                                          |                 |                                              |                |                                       |                                        |
| Femur force left (kN)         | 0.17                                     | 0.15            | 0.05                                         | 0.40           |                                       |                                        |
| Femur force right (kN)        | 0.35                                     | 0.21            | 0.15                                         | 0.56           |                                       |                                        |
| Knee displacement left (mm)   | 0.12                                     | 0.21            | 0.07                                         | 0.00           |                                       |                                        |
| Knee displacement right (mm)  | 0.00                                     | 0.11            | 0.70                                         | 0.00           |                                       |                                        |
| <b>Lower legs</b>             |                                          |                 |                                              |                |                                       |                                        |
| Force left (kN)               | 1.32                                     | 1.45            | -                                            | -              |                                       |                                        |
| Force right (kN)              | 1.65                                     | 0.96            | -                                            | -              |                                       |                                        |
| Index (upper / lower) left    | 0.38 / 0.22                              | 0.26 / 0.13     | -                                            | -              |                                       |                                        |
| Index (upper / lower) right   | 0.35 / 0.37                              | 0.28 / 0.13     | -                                            | -              |                                       |                                        |
| <b>Intrusion Measurements</b> |                                          |                 |                                              |                |                                       |                                        |
| <b>Steering column</b>        |                                          |                 |                                              |                |                                       |                                        |
| Forward (mm)                  | 73                                       | -               |                                              | -              |                                       |                                        |
| Downward (mm)                 | 34                                       | -               |                                              | -              |                                       |                                        |
| Sideways (mm)                 | 1                                        | -               |                                              | -              |                                       |                                        |
| <b>Pedals</b>                 |                                          |                 |                                              |                |                                       |                                        |
| Brake - forward (mm)          | 1                                        | -               | -                                            | -              |                                       |                                        |
| Accelerator - downward (mm)   | 2                                        | -               | -                                            | -              |                                       |                                        |
| <b>A-Pillar</b>               |                                          |                 |                                              |                |                                       |                                        |
| Rearward (mm)                 | 1                                        | -               |                                              | -              |                                       |                                        |

\* **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        | Audi Q5                                                  |
| Tested Vehicle(s) Built    | 2017                                                     |
| Tested Body Type           | Wagon                                                    |
| Tested Vehicle Kerb Weight | 1805 kg                                                  |
| Tested Vehicle Engine      | 2.0 litre TDI                                            |
| Tested By                  | Euro NCAP                                                |
| Assessed By                | Euro NCAP                                                |
| Document Reference         | Q5_17                                                    |
| Document Created / Revised | 31 May 2017                                              |
| Rating Published           | May 2017                                                 |
| Rating Updated             | Oct 2020 / Annual Review (2020) /<br>Jul 2021 / Jan 2023 |



Frontal offset test at 64km/h