

# Package ‘airqualityES’

July 22, 2025

**Title** Air Quality Measurements in Spain from 2011 to 2018

**Version** 1.0.0

**Description** These dataset contains daily quality air measurements in Spain over a period of 18 years (from 2001 to 2018). The measurements refer to several pollutants. These data are openly published by the Government of Spain. The datasets were originally spread over a number of files and formats. Here, the same information is contained in simple dataframe for convenience of researches, journalists or general public. See the Spanish Government website <<http://www.miteco.gob.es/>> for more information.

**Depends** R (>= 3.4.0)

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**Encoding** UTF-8

**LazyData** true

**Imports** tibble (>= 2.1.3)

**Suggests** knitr, rmarkdown

**URL** <https://github.com/jdieramon/airqualityES>

**BugReports** <https://github.com/jdieramon/airqualityES/issues>

**RoxygenNote** 6.1.1

**NeedsCompilation** no

**Author** Jose V. Die [aut, cre] (ORCID: <<https://orcid.org/0000-0002-7506-8590>>),  
Jose R. Caro [ctb]

**Maintainer** Jose V. Die <jose.die@uco.es>

**Repository** CRAN

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airqES

*Air quality measurements in Spain*

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**Description**

Daily data referred to several pollutants (from 2001 to 2018).

**Usage**

```
data(airqES)
```

**Format**

A data.frame with 112,484 rows and columns:

- year, Year of measurement
- month, Month of measurement
- province, Province
- city, City
- station\_id, Measurement station identifier
- pollutant, Pollutant name
- D01-D031, days 1-31 of measurement

**Author(s)**

Jose V. Die & Jose R. Caro

**Source**

Official data [Government of Spain](#).

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airqualityES*airqualityES: Air Quality Measurements in Spain*

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**Description**

airqualityES dataset contains daily quality air measurements from 2001 to 2018.

**Author(s)**

Jose V. Die <jose.die@uco.es>, Jose R. Caro

**See Also**

Useful links:

- <https://github.com/jdieramon/airqualityES>
- Report bugs at <https://github.com/jdieramon/airqualityES/issues>

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stations

*Air stations in Spain*

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**Description**

Description of station features.

**Usage**

```
data(stations)
```

**Format**

A data.frame with 604 rows and columns:

- id, local identifier
- province\_id, province identifier
- city\_id, city identifier
- station, station identifier
- location\_id, location identifier
- administration, official administration
- station\_name, name of the station
- first\_day, day of first record
- last\_day, day of last record
- latitude, coordinates
- longitude, coordinates
- altitude, coordinates
- auton\_commun, autonomous communities
- province, province
- city, city
- station\_kind, kind of station
- area, area

**Author(s)**

Jose V. Die & Jose R. Caro

**Source**

Official data [Government of Spain](#).

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