

# JRC Dataset

## AIRMEX project: campaigns data

### Description:

The data of the AIRMEX monitoring campaigns, for the 2004 and 2007 years, are available as descriptive statistics in the dedicated JRC web site and as single measurement data through IPChEM, the Information Platform for Chemical Monitoring, where it is possible to download the data.

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### Keywords:

Indoor Air Quality, chemical monitoring, exposure assessment

### Related resources:

#### Data access

##### AIRMEX single measurement generalised

Single measurement data of the AIRMEX monitoring campaigns are accessible and downloadable via IPChEM; the concentration values of the measured chemicals are here reported as individual data. However the samples locations are generalised and recorded as coordinates of the monitored city centroid. To access the data from the IPChEM search page, the user must select a substance, by name or CAS number, and enter into the Database console where it is possible to further refine the search and save the results into the basket tool. These results can be saved in CSV or Json format.

<https://ipchem.jrc.ec.europa.eu/RDSIdiscovery/ipchem/index.html#showmetadata/chemical/AIRMEX>

##### AIRMEX descriptive statistics

From the dedicated web site, a map shows the cities where the AIRMEX field campaigns have been executed. By clicking on the name of the city and the desired period it is possible to access to detailed descriptive statistics for each city, measured substance and media: indoor air, outdoor air and personal inhalation exposure.

<http://web.jrc.ec.europa.eu/airmex/viewdata/home.cfm>

#### Publications

The AIRMEX study - VOC measurements in public buildings and schools/kindergartens in eleven European cities: Statistical analysis of the data

Geiss O, Giannopoulos G, Tirendi S, Barrero J, Kotzias D, Larsen B. The AIRMEX study - VOC measurements in public buildings and schools/kindergartens in eleven European cities: Statistical analysis of the data. *ATMOSPHERIC ENVIRONMENT* 45 (22); 2011. p. 3676-3684. JRC62451

DOI:[10.1016/j.atmosenv.2011.04.037](https://doi.org/10.1016/j.atmosenv.2011.04.037)

### Additional information:

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Landing page:

<https://ipchem.jrc.ec.europa.eu/RDSIdiscovery/ipchem/index.html#showmetadata/chemical/AIRMEX>

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Temporal coverage: From: 2003-10-01 – To: 2007-04-01

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Language: English

Data theme(s): Environment; Science and technology

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