

# - Cross-sectional study of the relationships between energy insecurity and health (Hérault)

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## General

### Identification

Detailed name Cross-sectional study of the relationships between energy insecurity and health (Hérault)

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL

### General Aspects

Medical area General practice

Health determinants Lifestyle and behavior  
Social and psychosocial factors

Keywords heating, herault, thermal insulation, poor housing, disadvantaged population, habitat, health behaviour, state of health

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|  |   |
|--|---|
| Organization   | GEFOSAT   |
| Collaborations   |   |
| Participation in projects, networks and consortia                | Yes   |
| Details  | The Abbé Pierre foundation requested a research project on this topic from CREAM-ORS LR and GEFOSAT   |
| Funding  |   |
| Funding status   | Public  |
| Details  | Languedoc-Roussillon regional health agency, Languedoc-Roussillon EDEME, Languedoc-Roussillon Region  |
| Governance of the database                                       |   |
| Sponsor(s) or organisation(s) responsible                        | CREAM-ORS LR  |
| Organisation status  | Public  |
| Sponsor(s) or organisation(s) responsible                        | GEFOSAT   |
| Organisation status  | Private   |
| Additional contact   |   |
| Main features  |   |
| Type of database   |   |
| Type of database   | Study databases   |
| Study databases (details)  | Not-repeated cross-sectional studies (except case control studies)  |
| Database recruitment is carried out by an intermediary           | An administrative base or a register  |
| Base or register (detail)  | "Exposed" households were those receiving an expert assessment in 2011-2012 as part of the FATMEE programme (households surveyed by the departmental solidarity agencies and by CCAS) |
| Database recruitment is carried out as part of an interventional | Yes   |

## Details

Performed at group level (clusters)

## Database objective

## Main objective

The purpose of the study is to describe the effects of energy insecurity on health and to identify how this particular form of precarity is an aggravating factor for the health condition of individuals facing it.

## Inclusion criteria

For the households surveyed by the departmental solidarity agencies:

- "exposed" households were those receiving an expert assessment in 2011-2012 as part of the FATMEE program. In each Departmental Solidarity Agency, a joint commission combining the project partners convenes every month in order to rule on the appeals to the FATMEE program; situations are presented by a referring social worker, who has conducted a first in-home visit following a request for assistance, as mentioned above (unpaid energy bills, outage, inability to heat, etc.);
- "unexposed" households were selected by a referring social worker at the level of each Departmental Solidarity Agency: for every "exposed" household included in the study, action was taken to find among the households requesting aid from departmental social services in the same territory (city or canton) another household without a proven energy insecurity problem that presented similar characteristics in terms of family structure (elderly person alone, family with two parents and two young children, single-parent family with young children, etc.). The fact of not experiencing energy insecurity was determined by a negative response to two questions: is it too cold in your household? have you had difficulties paying your energy bills over the last 12 months?

For households surveyed in the CCAS territory:

- "exposed" households were those that will receive an expert assessment under the FATMEE program. The determination of these households was made jointly by the CCAS and the GEFOSAT as part of a commission operating on the same principles as those of the departmental solidarity agencies;
- "unexposed" households were selected by a social worker based on the same principle as for the households monitored by social workers from the departmental solidarity agencies.

| Population type                              |  |
|--|--|
| Age  | Newborns (birth to 28 days)<br>Infant (28 days to 2 years)<br>Early childhood (2 to 5 years)<br>Childhood (6 to 13 years)<br>Adolescence (13 to 18 years)<br>Adulthood (19 to 24 years)<br>Adulthood (25 to 44 years)<br>Adulthood (45 to 64 years)<br>Elderly (65 to 79 years)<br>Great age (80 years and more) |
| Population covered                           | General population   |
| Pathology                                    |  |
| Gender                                       | Male<br>Woman  |
| Geography area                               | Departmental   |
| French regions covered by the database       | Languedoc-Roussillon Midi-Pyrénées   |
| Detail of the geography area                 | Hérault  |
| Data collection                              |  |
| Dates  |  |
| Date of first collection (YYYY or MM/YYYY)   | 2012   |
| Date of last collection (YYYY or MM/YYYY)    | 2013   |
| Size of the database                         |  |
| Size of the database (number of individuals) | < 500 individuals  |
| Details of the number of individuals         | 356  |
| Data   |  |
| Database activity                            | Data collection completed  |
| Type of data collected                       | Declarative data   |
| Declarative data (detail)                    | Paper self-questionnaire   |

## Face to face interview

|   |  |
|---|--|
| Details of collected declarative data   | Housing questionnaire (the housing situation, the person responding, the residents of the household, the characteristics of the housing, the assessment of heating), Resident questionnaire (characteristics of the person, social coverage and forfeiture of care, perceived health condition, chronic disease, symptoms and health problems over the course of the last 12 months, health behaviours, assessment of housing) |
| Presence of a biobank   | No   |
| Health parameters studied   | Health event/morbidity<br>Quality of life/health perception  |
| Procedures  |  |
| Quality procedure(s) used   | The "resident" questionnaire was prepared by CREAM-ORS LR, specifically built upon the questionnaires used within the LARES (Large Analysis and Review of European housing and health Status) study conducted by the European office of the WHO  |
| Participant monitoring  | No   |
| Followed pathology  |  |
| Links to administrative sources   | No   |
| Promotion and access  |  |
| Promotion   |  |
| Link to the document  | <a href="#">2013 Rapport Précarité énergétique et santé dans l'Hérault, avril 2013.pdf</a>   |
| Access  |  |
| Terms of data access (charter for data provision, format of data, availability delay) | Contact the scientist in charge  |
| Access to aggregated data   | Access on specific project only  |
| Access to individual data   | Access on specific project only  |