

Ré-Conf-ISS - Réunion Island, Lockdown, Social Inequalities in Health

Responsable(s) :FIANU Adrian, CIC1410 / EQUITY (CERPOP)

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Général

Identification

Nom détaillé Réunion Island, Lockdown, Social Inequalities in Health

Sigle ou acronyme Ré-Conf-ISS

Numéro d'enregistrement (ID-RCB ou EUDRACT, CNIL, CPP, etc.) RNIPH, MR-004, INDS (MR 5219300420)

Thématiques générales

Domaine médical Psychology and psychiatry

Etude en lien avec la Covid-19 Yes

Déterminants de santé Geography
Social and psychosocial factors

Mots-clés housing conditions, self-reported health, social and geographic epidemiology, Réunion island, phone survey, Covid-19 epidemic context, residential district deprivation level

Responsable(s) scientifique(s)

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Laboratoire CIC1410 / EQUITY (CERPOP)

Organisme INSERM / CHU de la Réunion

Collaborations

Participation à des projets, des réseaux, des consortiums No

Autres This public health research project involves a scientific partnership both with the EQUITY team from the UMR1295 in Toulouse (CERPOP - Centre d'Epidémiologie et de Recherche en santé des POPulations) and the Indian Ocean Regional Observatory of Health (ORS).

Financements

Financements Public

Précisions ANR Recherche-Action Covid-19 (wave 8)

Gouvernance de la base de données

Organisation(s) responsable(s) ou promoteur CHU de la Réunion

Statut de l'organisation Secteur Public

Existence de comités scientifique ou de pilotage Yes

Labellisations et évaluations de la base de données The research project Ré-Conf-ISS was validated by the Covid-19 Scientific Restricted Board of the Réunion's CHU on 30th April 2020. The same day, the study was registered on the public directory of the INDS under the number MR 5219300420, and on the internal directory of the Data Protection Officer (DPO) of the Réunion's CHU. These regulatory proceedings were done with the help of the project manager of the Réunion's CHU DRCl.

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Laboratoire ORS-OI

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| Organisme | ORS-OI |
| Caractéristiques | |
| Type de base de données | |
| Type de base de données | Study databases |
| Base de données issues d'enquêtes, précisions | Not-repeated cross-sectional studies (except case control studies) |
| Origine du recrutement des participants | A population file |
| Critère de sélection des participants | Another treatment or procedure |
| Le recrutement dans la base de données s'effectue dans le cadre d'une étude interventionnelle | No |
| Informations complémentaires concernant la constitution de l'échantillon | The Ré-Conf-ISS study planned to enroll a statistical sample of 900 adult persons selected via the telephone directory within the 114 major Réunion districts as defined by the Insee Réunion-Mayotte, following the quotas of adult inhabitants for these main districts and their deprivation level (Besson 2018). |

Objectif de la base de données

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| Objectif principal | <p>Primary objective:</p> <p>To describe, just after the lockdown implemented for tackling SARS-Cov-2 epidemic, the self-reported state of health of the Reunionese population according to the residential district deprivation level.</p> <p>Secondary objectives:</p> <ul style="list-style-type: none"> - To describe, just after the lockdown event, the self-reported state of health of the Reunionese population according to the housing conditions experienced during the lockdown. - To describe, just after the lockdown event, the self-reported state of health of the Reunionese population according to the individual socioeconomic characteristics: age class and gender, employment status and socioprofessional category, education level. |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- To compare the self-reported general stress level between the regional studies conducted on Réunion island: during the lockdown event (Confin-Aou study) versus after the lockdown event (Ré-Conf-ISS study).

- To compare the psychologic impact of the lockdown event between France main land and Réunion island using the results from the Epidemic national survey and the Ré-Conf-ISS regional survey respectively.

Critères d'inclusion

- Major (aged 18 years and older)
- Living on the island before 17 March 2020
- Stayed on the Réunion territory within all through the lockdown event (between March 17th and May 11th)
- Without curatorship

Type de population

Age

Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)
Elderly (65 to 79 years)
Great age (80 years and more)

Population concernée

General population

Pathologie

Sexe

Male
Woman
Other

Champ géographique

Regional

Régions concernées par la base de données

La Réunion

Détail du champ géographique

Enrollment of the 900 participants within the 114 reunionese major districts as defined by the Insee Réunion-Mayotte in 2018

Collecte

Dates

Année du premier recueil

05/2020

Année du dernier recueil

07/2020

Taille de la base de données

Taille de la base de données (en nombre d'individus) [500-1000[individuals

Détail du nombre d'individus 900

Données

Activité de la base Data collection completed

Type de données recueillies Declarative data
Administrative data

Données déclaratives, précisions Phone interview

Détail des données déclaratives recueillies The questionnaire used for the phone interview have 115 items. It comprises 7 general chapters: the individual socio-economic characteristics (education level, employment status, socioprofessional category, financial difficulties during lockdown), housing, equipment, environment close to the habitat occupied during the lockdown, the exposure to the epidemic, the psychological state (stress, anxiety, social relationships and activities during lockdown), the addictive behaviors and lifestyle, nutritional status and physical activity, as well as the healthcare use. Two specific chapters deal with potentially vulnerable sub-populations: the children health reported by the co-enrolled parent and intimate partner violence. The study main outcome is the level of stress since the beginning of the confinement period measured on a scale from 0 (total absence of stress) to 10 (maximum imaginable stress).

Données administratives, précisions Commune, postcode and residential major district

Existence d'une bibliothèque No

Paramètres de santé étudiés Health event/morbidity
Health care consumption and services

Consommation de soins, précisions Medical/paramedical consultation

Modalités

Mode de recueil des données In the course of progressive deconfinement, a one-shot telephonic cross-sectional survey conducted

on a 900 individuals sample drawn from the Reuniones population has been implemented since May 13, 2020, to describe the participants state of health according to their socioeconomic characteristics.

Nomenclatures employées

Common nomenclatures: major district, typology of reuniones major districts deprivation level and socioprofessional category by the Insee. Special nomenclatures: to promote the comparison of findings between epidemiological studies, shared items were chosen from national research (Epidemic) and regional research (Confin-Aou): sociodemography, living and working conditions during the lockdown event, exposure to the SARS-Cov-2 epidemic, psychological impact and addictive behaviours.

Procédures qualité utilisées

This study was designed and conducted by the clinical investigation center of la Réunion (CIC1410). Phone data collection layed on its survey platform comprising 3 creole-speaking investigators. This platform was reinforced by the enrollment of 2 temporary workers. The database development was done by a datamanager of the team using the Ennov Clinical® software. Data hosting is ISO 9001:2008 certified. It integrates its customers' applications in a datacenter located on two mirror sites (Poitiers and Roubaix) offering optimal security conditions. Access to the datacenter is strictly controlled, uninterrupted power supply is guaranteed, weather conditions are controlled and a fire safety system is included (regularly updated and checked). The servers are protected by a firewall and an updated anti-virus system. Customer data is managed in strict compliance with the rules of confidentiality, access is controlled by SSL certificate and all exchanges are encrypted. Ennov Clinical® complies with FDA recommendations regarding "Guidance for computerized systems used in clinical trials", electronic signature (21 CFR Part 11?) and international standards for health data hosting. In the Ré-Conf-ISS study, access to the database is secured (personal identifier and password) with different levels of security depending on the roles assigned to users. The data are entered on the eCRF (CS Online module Ennov Clinical® software) by data entry operators of the CIC. A data entry guide is made available to operators. A data validation plan, jointly defined between the coordinating investigator and the Methodology and Data Management center, will be developed and will describe in detail the controls to

be executed for each variable. The quality control of data being entered will be exhaustive. Once the entry is made, the consistency of the data will be checked, errors, omissions or inconsistencies will be mentioned (CS Tests module). The data freeze / thaw process will be performed in accordance with the procedure implemented in the Center for Methodology and Data Management.

Suivi des participants No

Pathologie suivies

Appariement avec des sources administratives No

Valorisation et accès

Valorisation et accès

Lien vers le document [Note-de-synthese_Re-Conf-ISS_vf.pdf](#)

Description Preliminary results of the Re-Conf-ISS study: Summary note

Lien vers le document [ijerph-19-13932-v2.pdf](#)

Description Main article of the study for international valorisation

Accès

Existence d'un document qui répertorie les variables et les modalités de codage Yes

Charte d'accès aux données (convention de mise à disposition, format de données et délais de mise à disposition) To define

Accès aux données agrégées Access on specific project only

Accès aux données individuelles Access on specific project only