

# ComCor - Study of sociodemographic factors, behaviours and practices associated with SARS-CoV-2 infection (ComCor)

Head :Fontanet Arnaud, Emerging Diseases Epidemiology Unit

Last update : 05/07/2021 | Version : 1 | ID : 73794

| General  |   |
|--|---|
| Identification   |   |
| Detailed name  | Study of sociodemographic factors, behaviours and practices associated with SARS-CoV-2 infection (ComCor) |
| Sign or acronym  | ComCor  |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | CNIL DR-2020-337 / CPP 1-20-072 ID 9612   |
| General Aspects  |   |
| Medical area   | Infectious diseases   |
| Study in connection with Covid-19  | Yes   |
| Pathology (details)  | SARS-CoV-2, COVID-19  |
| Health determinants  | Geography<br>Lifestyle and behavior<br>Occupation<br>Social and psychosocial factors                      |
| Keywords   | non-pharmaceutical intervention, SARS-CoV-2, COVID-19, epidemiology, transmission, risk factors           |
| Scientific investigator(s)<br>(Contact)  |   |
| Name of the director   | Fontanet  |
| Surname  | Arnaud  |
| Address  | 25-28 rue du Dr Roux 75015 PARIS  |
| Unit   | Emerging Diseases Epidemiology Unit   |
| Organization   | Institut Pasteur  |

## Collaborations

|   |    |
|---|----|
| Participation in projects, networks and consortia | No |
|---|----|

## Funding

|                |       |
|----------------|-------|
| Funding status | Mixed |
|----------------|-------|

|         |                            |
|---------|----------------------------|
| Details | REACTing, Institut Pasteur |
|---------|----------------------------|

## Governance of the database

|   |                  |
|---|------------------|
| Sponsor(s) or organisation(s) responsible | Institut Pasteur |
|---|------------------|

|                     |         |
|---------------------|---------|
| Organisation status | Private |
|---------------------|---------|

|   |     |
|---|-----|
| Presence of scientific or steering committees | Yes |
|---|-----|

## Additional contact

|                     |         |
|---------------------|---------|
| Name of the contact | Charmet |
|---------------------|---------|

|         |         |
|---------|---------|
| Surname | Tiffany |
|---------|---------|

|         |                                  |
|---------|----------------------------------|
| Address | 25-28 rue du Dr Roux 75015 PARIS |
|---------|----------------------------------|

|      |                                     |
|------|-------------------------------------|
| Unit | Emerging Diseases Epidemiology Unit |
|------|-------------------------------------|

|              |                  |
|--------------|------------------|
| Organization | Institut Pasteur |
|--------------|------------------|

## Main features

### Type of database

|                  |                 |
|------------------|-----------------|
| Type of database | Study databases |
|------------------|-----------------|

|                           |                    |
|---------------------------|--------------------|
| Study databases (details) | Case control study |
|---------------------------|--------------------|

|  |   |
|--|---|
| Database recruitment is carried out by an intermediary | A population file<br>An administrative base or a register |
|--|---|

|                           |                             |
|---------------------------|-----------------------------|
| Base or register (detail) | SI-DEP database, IPSOS file |
|---------------------------|-----------------------------|

|   |                                |
|---|--------------------------------|
| Database recruitment is made on the basis of: | Another treatment or procedure |
|---|--------------------------------|

|  |    |
|--|----|
| Database recruitment is carried out as part of an interventional study | No |
|--|----|

Additional information regarding sample selection.

- ?Index? case: The French National Health Insurance Fund (CNAM) will generate an email each week for cases identified as positive for SARS-CoV-2 by PCR the previous week in the COVID-19 screening information system database, SI-DEP). The emails will contain a generic hyperlink to the questionnaire hosted on the IPSOS institute platform. The cases will be classed as reporting transmission within the home (arm A3) or not (arm A1 if the source of infection outside the home is known, or otherwise A2).

- ?Close contact? controls: Close contact invited by the index case, living in their home, and who is not the person having infected the index case, if transmission within the home is suspected. These close contact controls will have had a negative result from a test performed in the context of contact tracing. The controls will be classed according to whether the index case inviting them has reported transmission within the home (arm B4) or not (arm B3).

- ?Close contact? cases: Contacted via the same procedure as the ?close contact? controls, but having had a positive result from a test performed in the context of contact tracing. These will be considered as cases reporting probable transmission within the home, and will be classed according to whether the index case inviting them has reported probable transmission within the home (arm B2) or not (arm B1).

- ?Distant contact? controls: Subjects invited by Ipsos, selected from institute or partner panels, not infected with COVID-19, paired with index cases by age (in age groups up to and including 68 years), gender, population density (by category) and region of residence. These constitute arm C in the diagram. IPSOS invites distant contact controls via emails generated weekly, a week after recruitment of the index cases, then selected based on the pairing criteria. The email will contain a link to the questionnaire hosted on the IPSOS institute platform.

## Database objective

### Main objective

Identify the sociodemographic characteristics, places frequented, and behaviours associated with a risk of SARS-CoV-2 infection.

### Inclusion criteria

All subjects:

- o Adult subject
- o Having agreed to take part in the study
- o Index case:
- o Cases identified in the COVID-19 screening information system database, SIDE P
- o With a positive test for SARS-CoV-2 by RT-PCR on a nasopharyngeal or throat swab (or any other sample for which current technology indicates active infection if positive) within the past 14 days
- o Close contact cases:
- o Living in the same household (sharing the same home) as the case having invited him/her to take part
- o With a positive test for SARS-CoV-2 by RT-PCR on a nasopharyngeal or throat swab (or any other sample for which current technology indicates active infection if positive) following contact with the index case
- o Close contact controls:
- o Living in the same household (sharing the same home) as the case having invited him/her to take part
- o With a negative test for SARS-CoV-2 by RT-PCR on a nasopharyngeal or throat swab (or any other sample for which current technology indicates active infection if positive) following contact with the index case
- o Distant contact controls:
- o Selected by IPSOS based on criteria including age, gender, and administrative department of residence (paired with index cases)

## Population type

|     |   |
|-----|---|
| Age | 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                               | National  |
| Detail of the geography area                 | France  |
| Data collection                              |   |
| Dates  |   |
| Date of first collection (YYYY or MM/YYYY)   | 2020  |
| Date of last collection (YYYY or MM/YYYY)    | 2021  |
| Size of the database                         |   |
| Size of the database (number of individuals) | Greater than 20 000 individuals   |
| Details of the number of individuals         | 90517   |
| Data   |   |
| Database activity                            | Current data collection   |
| Type of data collected                       | Clinical data<br>Declarative data<br>Biological data  |
| Details of collected clinical data           | Presence of symptoms related to COVID-19 reported by participants   |
| Declarative data (detail)                    | Internet self-questionnaire<br>Phone interview  |
| Details of collected declarative data        | Circumstances of infection (if known), sociodemographic characteristics (age, gender, administrative department of residence, socioeconomic category, urban or rural living environment, etc.), places frequented (public transport, work, bars, restaurants, etc.) and behaviours (compliance with social distancing measures, participation in meetings, etc.). |
| Biological data (detail)                     | Result of the PCR or antigen test for COVID-19  |
| Presence of a biobank                        | No  |
| Health parameters studied                    | Health event/morbidity  |
| Procedures                                   |   |

|   |   |
|---|---|
| Data collection method  | Online self-administered questionnaire and telephone questionnaire  |
| Quality procedure(s) used   | Database management with Stata 16.0   |
| Participant monitoring  | No  |
| Followed pathology  |   |
| Links to administrative sources   | No  |
| Promotion and access  |   |
| Promotion   |   |
| Link to the document  | <a href="https://www.pasteur.fr/fr/espace-presse/documents-presse/etude-comcor-lieux-contamination-au-sars-cov-2-ou-francais-s-infectent-ils">https://www.pasteur.fr/fr/espace-presse/documents-presse/etude-comcor-lieux-contamination-au-sars-cov-2-ou-francais-s-infectent-ils</a>   |
| Description   | Press releaseTo be published shortly  |
| Access  |   |
| Dedicated website   | <a href="https://www.pasteur.fr/fr/sars-cov-2-covid-19-institut-pasteur/projets-recherche/etude-facteurs-sociodemographiques-comportementaux-pratiques-associes-risque-infection-sars-cov-2">https://www.pasteur.fr/fr/sars-cov-2-covid-19-institut-pasteur/projets-recherche/etude-facteurs-sociodemographiques-comportementaux-pratiques-associes-risque-infection-sars-cov-2</a> |
| Presence of document that lists variables and coding procedures                       | No  |
| Terms of data access (charter for data provision, format of data, availability delay) | Methods for accessing the database are in the process of being defined  |
| Access to aggregated data   | Access on specific project only   |
| Access to individual data   | No access   |