

COVID-19 Contact-Confirming Application: Privacy controls and app features

- Upon receipt of the user's approval, this app uses the short-range communication function (Bluetooth) on smartphones to provide the user with notifications about possible contact with a person who has tested positive for the novel coronavirus while providing anonymity to ensure privacy.
- Users can receive support, such as testing from a public health center, more promptly if they know that they might have been in contact with someone who has tested positive. The more people use this app, the more effective it will be in preventing the spread of infection.

Privacy considerations



Consent to use

Use app after installation

MHLW

- Information that could identify an individual (e.g., phone number or location) is not recorded.
- By using Bluetooth, the app exchanges and records random identifiers when your phone gets close to another smartphone.
- Information of close contact is deleted automatically after 14 days.
- Consent can be revoked at any time and records can be erased by deleting the app.

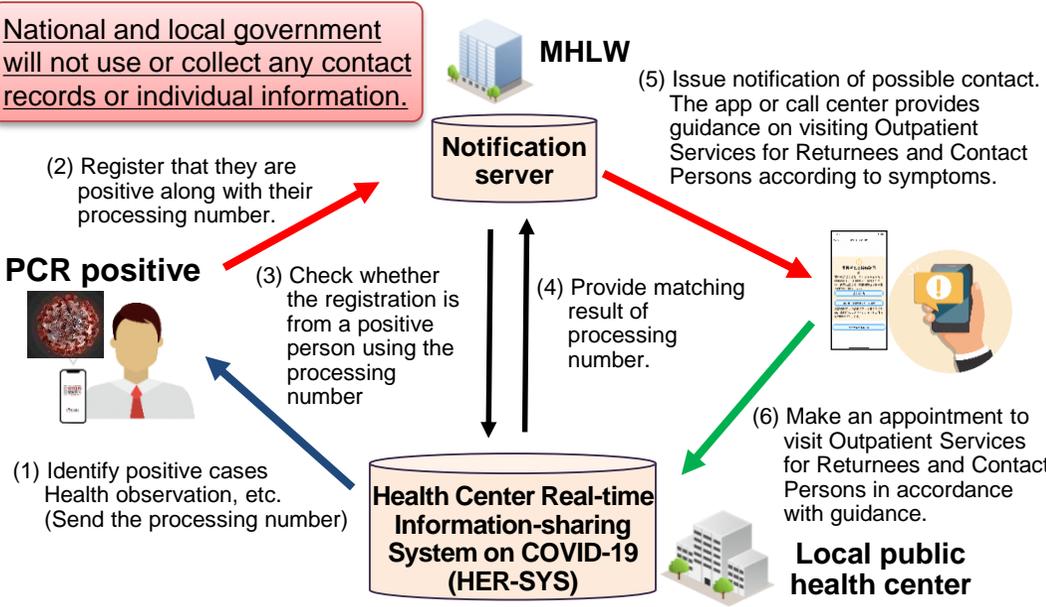
Detecting possible contacts via Bluetooth



- The Bluetooth function on smartphones is used to detect possible contacts within 1 m for 15 minutes or more.
- Information is not recorded if Bluetooth is turned off.
- Using Bluetooth ensures minimal smartphone battery consumption.

Notify users of possible contact with a positive case and provide test guidance

National and local government will not use or collect any contact records or individual information.



MHLW

Notification server

Health Center Real-time Information-sharing System on COVID-19 (HER-SYS)

Local public health center

- (1) Identify positive cases Health observation, etc. (Send the processing number)
- (2) Register that they are positive along with their processing number.
- (3) Check whether the registration is from a positive person using the processing number
- (4) Provide matching result of processing number.
- (5) Issue notification of possible contact. The app or call center provides guidance on visiting Outpatient Services for Returnees and Contact Persons according to symptoms.
- (6) Make an appointment to visit Outpatient Services for Returnees and Contact Persons in accordance with guidance.

(Send the number to the mobile phone SMS or email address registered in the system by the individual.)

- To prevent anyone who is not PCR positive from registering, a HER-SYS processing number is issued to the person tested positive, then the individual inputs information into the app his/herself.
- The app or call center provides the notification recipient with guidance on visiting the Outpatient Services for Returnees and Contact Persons according to the symptoms.
- If you receive a notification, you can take a test for free.

The notification recipient receives guidance on taking a test after selecting his/her symptoms and the condition of people nearby

The notification recipient receives guidance on the work flow visiting the Outpatient Services for Returnees and Contact Persons, after inputting whether he/she has any symptoms and the condition of people nearby.

Process for inputting information on the app screen.

- Select the relevant option to indicate whether you have symptoms

← Please input the symptoms that apply to you.

- Do you have one of the following symptoms: strong symptoms of shortness of breath (dyspnea), fatigue (physical weariness), or high fever?
- For those who may develop complications (*): Do you have relatively minor cold symptoms, such as a fever or cough?
* Elderly people, those with an underlying disease such as diabetes, heart failure, or respiratory disease (COPD, etc.), those who are receiving dialysis, or those who are using immunosuppressive medicines or anticancer medicines.
- For those other than the above: Do you continue to have relatively minor cold symptoms, such as a fever or cough?

Some of these symptoms apply to me.

None of these symptoms apply to me.

* The same guidance is provided when the inquiry is made to a designated call center.

If the individual has symptoms → Instruct the individual to promptly make an appointment to visit the Outpatient Services for Returnees and Contact Persons.

- Promptly visit your nearest Outpatient Services for Returnees and Contact Persons after making an appointment (wear a mask).
* Display the contact details for the Outpatient Services for Returnees and Contact Persons

If the individual does not have symptoms → Check if there are any infected patients nearby.

- We have confirmed that you may have been in close contact with a positive case. Have you been in contact with anyone among the **family members, friends, or work colleagues** described below over the past 2 weeks?
 - COVID-19 patients
 - Individuals who have symptoms* that could be linked to COVID-19
(Even if you are not completely sure, answer “Yes” if you suspect this may be the case.)
* Suspected symptoms: Strong symptoms of shortness of breath (dyspnea), strong fatigue (physical weariness), or high fever Individuals who may develop complications having relatively minor cold symptoms, such as a fever and cough Individuals other than the above who continue to have relatively minor cold symptoms, such as a fever and cough
- Even if you have not been in close contact, would you like to **visit your nearest Outpatient Services for Returnees and Contact Persons?**

If Yes,

- Promptly make an appointment to visit your nearest Outpatient Services for Returnees and Contact Persons (wear a mask).
* Display the contact details for the Outpatient Services for Returnees and Contact Persons.

If No,

- Pay attention to any changes in your health for the next 14 days.
- Select the option below if you notice any changes in your health.
Input the existence of symptoms. * Screen transition