

iPHIS QUICK REFERENCE

Outbreak Module: Creating a Person-Type Exposure

Users must enter acquisition exposures for all cases before the **Disposition** of the case can be set to “COMPLETE”, even if the exposure is unknown. Additionally, users must create transmission exposures when they know that an exposure resulted in transmission of the disease.

The instructions below outline how to create an exposure representing a potential transmission of disease from a person (case) to another person (case or contact) in iPHIS. Users must enter the case that is the basis for the person-type exposure into iPHIS and link the case to an appropriate acquisition exposure (unknown or specific), before creating the person-type transmission exposure.

1. Navigate to **Outbreak > Case Search**. Enter search criteria for the case of interest.
2. Select the **Details** button associated with the relevant case.

Case Search Results

Health Unit Responsible	Outbreak Number	Case ID	Reported Date	Case Name	Date of Birth	Case Classification	Case Disease	Case Disposition	Case Status	Primary Investigator	
MOHLTC - PHD (0)	0000-2014-010	1108033	2020-01-23	SQUASH, SAM	2000-01-01	PERSON UNDER INVESTIGATION	CORONAVIRUSES CAUSING SEVERE ACUTE RESPIRATORY ILLNESS	PENDING	OPEN	NEWMAN, LORI	Details Unlink

[Search Again](#)

3. Navigate to **Cases > Case > Exposures**. iPHIS will list all the exposures to which the case has been linked. If the desired person-type transmission exposure is not listed, select the **Exposures** tab.



4. Conduct an exposure search to ensure that one has not already been created. If the exposure of interest is not included in the search results, select the **New Exposure** button from the lower left area of the page. iPHIS will display a new **Exposure Details** screen.
5. In the Source section, select “OUTBREAK AND CASE” from the **Exposure Level** drop down list.
6. Select “PERSON” from the **Exposure Type** drop-down list. After selecting “PERSON”, the **Case Search** button is now available. Select **Case Search** to complete the **Case Sub-search**.

Exposure Level	◆ OUTBREAK AND CASE ▼	Active	<input checked="" type="checkbox"/>
Exposure Type	◆ PERSON ▼	Most Likely Source for the Outbreak	<input type="checkbox"/>
Case Onset Date		Case Search	
Exposure ID		Exposure Name	◆ <input type="text"/>

7. Click **Select** to create the permanent link between the case and the exposure.

Case Sub-Search Results

Health Unit Responsible	Case ID	Case Name	Date of Birth	Case Classification	Case Disease	Case Disposition	Case Status	Primary Investigator	
MOHLTC - PHD (0)	1108033	SQUASH, SAM	2000-01-01	PERSON UNDER INVESTIGATION	CORONAVIRUSES CAUSING SEVERE ACUTE RESPIRATORY ILLNESS	PENDING	OPEN	NEWMAN, LORI	<input type="button" value="Select"/> <input type="button" value="Details"/>

Step #7 is required to ensure all cases and contacts linked to the exposure will move if the case is subsequently linked to another outbreak.

8. iPHIS will populate the cases' name in the **Exposure Name** field. **Modify** this field to comply with the following naming convention and privacy best practices:

{Last Name Initial, First Name Initial - Case ID}

Example: S, S - 12345

When following this naming convention, each exposure name will be unique, even if a single case is the source of more than one exposure.

9. Enter the earliest possible date that the exposure occurred in the **Earliest Exposure Date/Time** field. Remember that iPHIS will auto-populate the time values when using the calendar and may need to be adjusted. **Important:** When users do not know the exact date of exposure, enter a date based on the longest possible communicability period for the outbreak illness.
10. Complete the remaining fields in the **Source** section as required.
11. Enter **Exposure Address** details and select **Save**.
12. The **Setting/Travel Location Description Details** section will be available for entry after the screen refreshes. Expand this section and select the appropriate **Exposure Setting** and **Exposure Setting Type**. Select **Save**. **Note:** iPHIS has automatically saved the **Timeframe Exposed** details, including **Exposure Mode**.
13. Navigate to **Exposures > Case**. The case will be listed on the **Exposure Cases** screen.

For detailed instructions on entering exposures in iPHIS, refer to the iPHIS user guides. Please review and follow the appropriate user guide to ensure consistent entry and reporting of case/contact details. Recently updated user guides are available on Public Health Ontario's [iPHIS Resources](#) webpage.

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Disclaimer

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