

# Opera Outbreaks Quick Guide

Thanks to some excellent feedback from our LPHA partners, we have opted to create this document as a general guide for those joining our teams, anyone who prefers to work from a template, or who wants to standardize communication! The benefit of housing information in Opera Outbreaks is that anyone who has Opera access will have all the relevant information at their fingertips. The below are suggestions, not a requirement.

**NOTE:** Always include date and initials with your updates, so that people can come to you if they have any questions!

The screenshot shows the Opera Outbreaks reporting interface. At the top, the case ID is 2021-55204, the location is SpongeBob's Restaurant in Coos County, and the pathogen is Coronavirus SARS-CoV2. A blue circle with the number '1' is placed over the location and pathogen information.

The interface has several tabs: Basics, Etiology, Cases, Methods, and Documentation. The 'Basics' tab is selected and highlighted with a blue box. Below the tabs, there are fields for 'Initial impetus', notification dates to LHD and OPHD (all 05/10/21), and 'investigation start date' (05/10/21). A 'TODAY' button is next to the notification dates. The 'Syndrome' is listed as 'respiratory' with a 'MORE THAN ONE?' button. An 'EMAIL' button is also present.

On the right side, there is a table showing case counts:

		Total	2	4
1 Etiology	Coronavirus	SARS-CoV2	2	4
			0	
			6	5/01

Below the table, there are sections for 'Likely etiology' (Coronavirus SARS-CoV2) and 'Specimens expected' (5). A blue circle with the number '2' is placed over a text box containing a brief overview:

*Brief overview (please update before submitting final report)*  
 two confirmed and four presumptive cases among workers in a restaurant. Specimens to be collected and sent to OSPHL. Further cases expected.

The 'Location Details' section on the left includes fields for 'Exposure Sites' (Oregon, USA), 'Residence Locations (of cases)' (Oregon, USA), 'Address' (1 Bikini Bottom Way), 'City' (Coos Bay), 'Zip' (97420), 'Location/facility name\*' (Krusty Krab Restaurant), 'No. of employees', and 'Contact info for group, facility, etc.\*' (Mr Krabs, Restaurant Owner, 541-867-5309). The 'Setting(s) of exposure' is listed as 'Restaurant/Bar'.

## Basics Tab

### 1 Outbreak Name:

Naming conventions can have a huge impact for many different teams in many different locations. There's no one right way to do it, but there are a few things to keep in mind:

1. Be short, but descriptive, especially if the outbreak site has had multiple outbreaks in the past. Try to get the title short enough so that the whole thing displays when you're in the line list or outbreak record.
2. If it is an outbreak opened only for the purposes of tracking (for instance schools or an event that seems to have potential for an outbreak), then clearly label it with **TRACKING** at the very beginning, in all caps. If a tracking outbreak becomes a genuine outbreak with epilinks, please remove the term **TRACKING** from the title.

#### Example:

TRACKING Wizard School Sep21

Golden Girls LTCF Round 4 Sep21

### 2 Brief overview:

The brief description should include **all** of the following information and be updated throughout the outbreak:

1. Number of cases at opening
2. Types of cases (staff, resident, household, etc.)
3. Case status (suspect, confirmed, presumptive)
4. If they have any urgent concerns (staffing crisis, PPE needs)
5. Any other relevant information

#### Example:

*Very Happy Pandas LTCF outbreak opens with 3 confirmed resident cases, 1 suspect staff case. Need testing support and PPE. Vaccination rates low and have MC wanderers, so may benefit from depressurization.*

# Etiology Tab

The screenshot shows the 'Etiology' tab in the Opera software. The interface includes a navigation bar with icons for Home, List, Record, New OB, Find OB, People, Reports, Print, Help, and DUDE. The main header displays the case ID '2021-55204', the patient name 'SpongeBob's Restaurant', and the pathogen 'Coronavirus SARS-CoV2'. A 'Training Version' badge is visible in the top right. The 'Etiology' tab is highlighted, and a blue circle with the number '1' points to a large, empty comment box on the right. The form contains several questions and checkboxes for testing procedures, such as 'Were any specimens tested anywhere?' and 'What type of testing was performed?'. A 'Comment' section is also present, which is the focus of the annotation.

1 The comment section under etiology is a great place for all your testing-related information to live.

## Testing dates:

Round Number: [date] – [in house, lab name, or OSPHL] [type of test] [status] [# of positives]

Round 2: [date] – scheduled

## Example:

Round 1: 9/24 – OSPHL PCR completed [2+]

Round 2: 10/8 – In house Binax completed [0]

Round 3: 10/15 – WVT PCR scheduled [pending]

# Cases Tab

**2021-55204** **SpongeBob's Restaurant** **Coronavirus SARS-CoV2**

This report is: incomplete  
Who has the ball? Philip Lerud

CLICK TO SUBMIT REPORT

Questions for cases related to Coronavirus SARS-CoV2:

Was a formal case definition used?  Y  N  
If yes, specify Lab-confirmed or...

Earliest known onset date 5/1/21  
latest onset 8/5/21

Confirmed case count 2 including secondary cases  
Presumptive case count 4 including secondary cases  
Suspect case count 0

Do these tallies include any non-Oregon residents?  If yes, provide details in comment box.

Symptom profiles were systematically collected from how many confirmed and presumptive cases?

Of those, how many had...	AGE	SEX	SEVERITY
Anosmia 1	infants 0	female 2	saw clinician
Select symptom	1-4 0	male 4	ER visit
	5-9 0	unknown 0	hospitalized overnight 0
	10-19 0	total 6	died 1
	20-49 3		
	50-74 2		
	75+ 0		
	unknown 1		
	total 6		

OPERA related cases (only displays cases to which you have access) 6

Case ID	Name	Age	Sex	County	Onset	Status	Etiology	Deceased	Eplink
80000865	Squarepants,	21	M	Curry	5/1/2021	C	Coronavirus		SP
80001207	Star, Patrick	22	M	Curry	5/10/2021	P	Coronavirus		OB
80001208	Cheeks, Sandy	20	F	Curry	8/5/2021	C	Coronavirus		CC
80001209	Tentacles, Squidward	60	M	Curry	5/12/2021	P	Coronavirus		OB
80001210	Krabs, Mr	65	M	Curry	5/19/2021	P	Coronavirus		OB
80001211	Puff, Mrs		F	Coos	5/20/2021	P	Coronavirus		CC

**1** CASE LOG

Comments

## 1 Case log:

You will find that the case log fits nicely in the comments section, located below the line list in the outbreak. Having your own little breakdown of the cases can really help, especially when Opera is having one of its slow days. Include whatever information you find helpful—just remember to keep it brief.

[Number] [OID] – [Case name] (case status) [staff/resident?] -- ??

### Example:

1. [10002000] – Baggins, B. (presumptive) [staff] works at mult locations
2. [10002001] – Gollum (confirmed) [resident]

## Documentation Tab

### Investigation Communication/Notes:

[date]: [action taken] [result] [initials]

#### Example:

9/18: Email sent to admin about PPE, no response yet -DW

9/24: Phone call w/nurse, confirmed testing results -DW

10/3: Email response received from admin, they have ordered n95s -DW

### Attach file(s):

Don't forget to upload any relevant documents under the documentation tab—some people even upload email threads to this. Things that could go here are facility maps, resident lists, faxed results, etc.

### Narrative Investigative Summary:

Fill out this section before closing an outbreak. Do not include any identifiable information. If an outbreak has more than one case, use this section to briefly describe general information about the cases, testing, control measures, and any other relevant information.

#### Example:

If Bogus: No additional cases identified after 14 days. Outbreak closed as bogus.

If not Bogus: This outbreak was opened following a report by the facility of one staff member who worked while infectious. Weekly testing was conducted using a private lab for a total of 5 weeks. A total of 5 out of 15 residents and 2 of 25 staff tested positive. The outbreak was closed when no new cases were identified after 28 days.

**NOTE:** If you want to see some examples of these documentation techniques, check out outbreaks 2021-55280 and 2021-59652! Kudos to Clackamas and Marion on those!

You can get this document in other languages, large print, braille, or a format you prefer. Contact the Coronavirus Response and Recovery Unit (CRRU) at 503-979-3377 or email [CRRU@dhsosha.state.or.us](mailto:CRRU@dhsosha.state.or.us). We accept all relay calls or you can dial 711.