

# Opera Outbreak Creation

The screenshot displays the Opera web application interface. At the top, there is a navigation bar with icons for Home, List, Record, New OB, Find OB, People, Reports, Print, Help, and DUDE. The 'Opera' logo is on the right, along with a search bar and a 'Show bogus' checkbox. Below the navigation bar, the user is logged in as 'Tasha Poissant'. The main content area is titled 'RECENT CLUSTERS (N = 33)' and includes options for 'Show tooltips', 'Show last 2 days', 'Incomplete', and 'My outbreaks only'. A table lists 21 clusters with columns for ID, Start Date, Name, Exposure Location, Syndrome, and Etiology. To the right, a 'DISPLAY FILTERS (optional)' sidebar shows checkboxes for 'multi-county' and 'multi-state', and a 'Location' dropdown menu with a 'CLEAR' button and a scrollable list of Oregon counties.

Logged in as: Tasha Poissant

**RECENT CLUSTERS (N = 33)** Show tooltips  Show last  days Incomplete  My outbreaks only

ID	Start Date	Name	Exposure Location	Syndrome	Etiology
2020-50203	07/23/20	Union Gospel Mission - Mens	Marion	respiratory	Coronavirus SARS-CoV2
2020-50204	07/23/20	St. Andrew's Memory Care	Multnomah	respiratory	Coronavirus SARS-CoV2
2020-50205	07/23/20	Corvallis Manor	Benton	respiratory	Coronavirus SARS-CoV2
2020-50206	07/23/20	Expeditors/Staff Mark Staffing	Multnomah	respiratory	Coronavirus SARS-CoV2
2020-50207	07/23/20	Six Mile Land & Cattle	Morrow	respiratory	Coronavirus SARS-CoV2
2020-50208	07/23/20	Portland Yacht Club Restaurant	Multnomah	respiratory	Coronavirus SARS-CoV2
2020-50209	07/23/20	Avamere at Hermiston	Umatilla	respiratory	Coronavirus SARS-CoV2
2020-50210	07/23/20	Fred Meyers - McMinnville	Yamhill	respiratory	Coronavirus SARS-CoV2
2020-50211	07/23/20	Regency Park	Washington	gastroenteritis	Coronavirus SARS-CoV2
2020-50212	07/23/20	Farmington Square Beaverton	Washington	respiratory	Coronavirus SARS-CoV2
2020-50213	07/23/20	Top to Bottom - COVID-19	Marion	respiratory	Coronavirus SARS-CoV2
2020-50214	07/23/20	McDonald's Pacific Avenue - COVID-19	Washington	respiratory	Coronavirus SARS-CoV2
2020-50215	07/23/20	Egyptian Wedding Proposal Party	Multnomah	respiratory	Coronavirus
2020-50216	07/24/20	Thompson Farms	Hood River	respiratory	Coronavirus SARS-CoV2
2020-50217	07/24/20	Helping Hands Shelter	Hood River	respiratory	Coronavirus SARS-CoV2
2020-50218	07/24/20	CABDOOR	Marion	respiratory	Coronavirus SARS-CoV2
2020-50219	07/24/20	Volunteer Medical transport	Umatilla	respiratory	Coronavirus SARS-CoV2
2020-50220	07/24/20	McDonalds in Stanfield	Umatilla	respiratory	Coronavirus SARS-CoV2
2020-50221	07/24/20	M&I	Umatilla	respiratory	Coronavirus SARS-CoV2

**DISPLAY FILTERS (optional)**  
 multi-county  multi-state

**Location** CLEAR

- Baker
- Benton
- Clackamas
- Clatsop
- Columbia
- Coos
- Crook
- Curry
- Deschutes
- Douglas
- Gilliam
- Grant
- Harney
- Hood River
- Jackson
- Jefferson
- Josephine
- Klamath
- Lake
- Lane
- Lincoln
- Linn
- Malheur
- Marion

# Opera Outbreak Creation

- When you are ready to create a new COVID-19/suspected COVID-19 outbreak, click on the New OB button



# Opera Outbreak Creation

- A new window will open
- ALL of the fields are required

New cluster

File Edit View Format Tools

Done Cancel

All fields are required.

Outbreak name

Investigation start date

Exposure Jurisdictions

Syndrome

Best guess of likely etiology?

How many specimens expected?

Brief overview of the cluster.

(Don't write more than fits in this box!)

Exposure sites

Healthcare settings

# Opera Outbreak Creation

- Enter the outbreak name
- Please be mindful of the name you choose – this information can be obtained in a public records request
  - Examples of acceptable names:
    - LTCF A
    - 4<sup>th</sup> of July BBQ in Sometown, OR
    - Workplace A

New cluster

File Edit View Format Tools

Done Cancel

All fields are required.

Outbreak name

Investigation start date

Exposure Jurisdictions

Syndrome

Best guess of likely etiology?

How many specimens expected?

Brief overview of the cluster.

Exposure sites

Healthcare settings

If other, please describe

respiratory

Coronavirus SARS-CoV2

(Don't write more than fits in this box!)

Restaurant - Fast Food  Grocery store  Caterer

Restaurant - Buffet  Workplace - Cafeteria  Camp

Restaurant - Sit-down  Workplace - Not Cafeteria  Picnic

Restaurant - Other  Religious facility  Farm/dairy

Reception facility  Social gathering  Hotel

Private Home  Food processing  Ship

Prison or jail  Child DCC  Other

Fair/Festival/Mobile  School  Unknown

Nursing Home/LTC/ALC  Ambulatory surgical center

Retirement/independent living facility  Dialysis center

Hospital  Outpatient clinic

# Opera Outbreak Creation

- Enter the Investigation Start Date
- The investigate start date is the date that the LHD began the investigation
  - Enter the date manually
  - Use the Today button if start date is the day you create the outbreak

New cluster

File Edit View Format Tools

Done Cancel

All fields are required.

Outbreak name

Investigation start date

Exposure Jurisdiction

Syndrome

Best guess of likely etiology?

How many specimens expected?

Brief overview of the cluster.

Exposure sites

Healthcare settings

Restaurant - Fast Food  Grocery store  Caterer

Restaurant - Buffet  Workplace - Cafeteria  Camp

Restaurant - Sit-down  Workplace - Not Cafeteria  Picnic

Restaurant - Other  Religious facility  Farm/dairy

Reception facility  Social gathering  Hotel

Private Home  Food processing  Ship

Prison or jail  Child DCC  Other

Fair/Festival/Mobile  School  Unknown

If other, please describe

Healthcare settings

Nursing Home/LTC/ALC  Ambulatory surgical center

Retirement/independent living facility  Dialysis center

Hospital  Outpatient clinic

# Opera Outbreak Creation

- Enter the exposure location – single or multiple county
  - Your county should always be part of the exposure location if you are creating the outbreak
- If there are multiple exposure locations, check the multi-county check box and select all of the appropriate counties

All fields are required.

Outbreak name

Investigation start date  TODAY

Exposure jurisdictions  
 single county  multi-county  multi-state  outside USA

Exposure sites

<input type="checkbox"/> Restaurant - Fast Food	<input type="checkbox"/> Grocery store	<input type="checkbox"/> Caterer
<input type="checkbox"/> Restaurant - Buffet	<input type="checkbox"/> Workplace - Cafeteria	<input type="checkbox"/> Camp
<input type="checkbox"/> Restaurant - Sit-down	<input type="checkbox"/> Workplace - Not Cafeteria	<input type="checkbox"/> Picnic
<input type="checkbox"/> Restaurant - Other	<input type="checkbox"/> Religious facility	<input type="checkbox"/> Farm/dairy
<input type="checkbox"/> Reception facility	<input type="checkbox"/> Social gathering	<input type="checkbox"/> Hotel
<input type="checkbox"/> Private Home	<input type="checkbox"/> Food processing	<input type="checkbox"/> Ship
<input type="checkbox"/> Prison or jail	<input type="checkbox"/> Child DCC	<input type="checkbox"/> Other

Syndrome respiratory

Best guess Coronavirus

How many

Brief overview (Don't write)

Single County Popup

Please select the county (or counties) of exposure. Done

<input type="checkbox"/> Baker	<input type="checkbox"/> Douglas	<input type="checkbox"/> Lake	<input type="checkbox"/> Sherman
<input type="checkbox"/> Benton	<input type="checkbox"/> Gilliam	<input type="checkbox"/> Lane	<input type="checkbox"/> Tillamook
<input type="checkbox"/> Clackamas	<input type="checkbox"/> Grant	<input type="checkbox"/> Lincoln	<input type="checkbox"/> Umatilla
<input type="checkbox"/> Clatsop	<input type="checkbox"/> Harney	<input type="checkbox"/> Linn	<input type="checkbox"/> Union
<input type="checkbox"/> Columbia	<input type="checkbox"/> Hood River	<input type="checkbox"/> Marion	<input type="checkbox"/> Wallowa
<input type="checkbox"/> Coos	<input type="checkbox"/> Jackson	<input type="checkbox"/> Malheur	<input type="checkbox"/> Wasco
<input type="checkbox"/> Crook	<input type="checkbox"/> Jefferson	<input type="checkbox"/> Morrow	<input type="checkbox"/> Washington
<input type="checkbox"/> Curry	<input type="checkbox"/> Josephine	<input type="checkbox"/> Multnomah	<input type="checkbox"/> Wheeler
<input type="checkbox"/> Deschutes	<input type="checkbox"/> Klamath	<input type="checkbox"/> Polk	<input type="checkbox"/> Yamhill

# Opera Outbreak Creation

- Enter the exposure location – multi-state
  - This is unlikely to occur with COVID-19 outbreaks

The screenshot shows a web form for creating an outbreak. The form has several sections: 'Outbreak name', 'Investigation start date' (with a 'TODAY' button), and 'Exposure Jurisdictions'. Under 'Exposure Jurisdictions', the 'multi-state' checkbox is checked and circled in red, with a red arrow pointing to it. To the right, there is a list of 'Exposure sites' with various options like 'Restaurant - Fast Food', 'Grocery store', etc. An 'Out-Of-State Popup' dialog box is open, displaying a list of US states and territories with checkboxes. The dialog box contains the following text: 'For multi-state outbreaks with < 10 states involved, indicate the specific states (jurisdictions) if possible. Otherwise, just check the "too many to list" box.' and a 'Done' button.

**Exposure Jurisdictions**

single county  multi-county  multi-state  outside USA

**Exposure sites**

- Restaurant - Fast Food
- Restaurant - Buffet
- Restaurant - Sit-down
- Restaurant - Other
- Reception facility
- Private Home
- Prison or jail
- Grocery store
- Workplace - Cafeteria
- Workplace - Not Cafeteria
- Religious facility
- Social gathering
- Food processing
- Child DCC
- Caterer
- Camp
- Picnic
- Farm/dairy
- Hotel
- Ship
- Other

**Out-Of-State Popup**

For multi-state outbreaks with < 10 states involved, indicate the specific states (jurisdictions) if possible. Otherwise, just check the "too many to list" box.

Alabama  Illinois  Nebraska  South Carolina

Alaska  Indiana  Nevada  South Dakota

Arizona  Iowa  New Hampshire  Tennessee

Arkansas  Kansas  New Jersey  Texas

California  Kentucky  New Mexico  US Virgin Islands

Colorado  Louisiana  New York  Utah

Connecticut  Maine  North Carolina  Vermont

Delaware  Maryland  North Dakota  Virginia

District of Columbia  Massachusetts  Ohio  Washington

Florida  Michigan  Oklahoma  West Virginia

Georgia  Minnesota  Oregon  Wisconsin

Guam  Mississippi  Pennsylvania  Wyoming

Hawaii  Missouri  Puerto Rico

Idaho  Montana  Rhode Island

# Opera Outbreak Creation

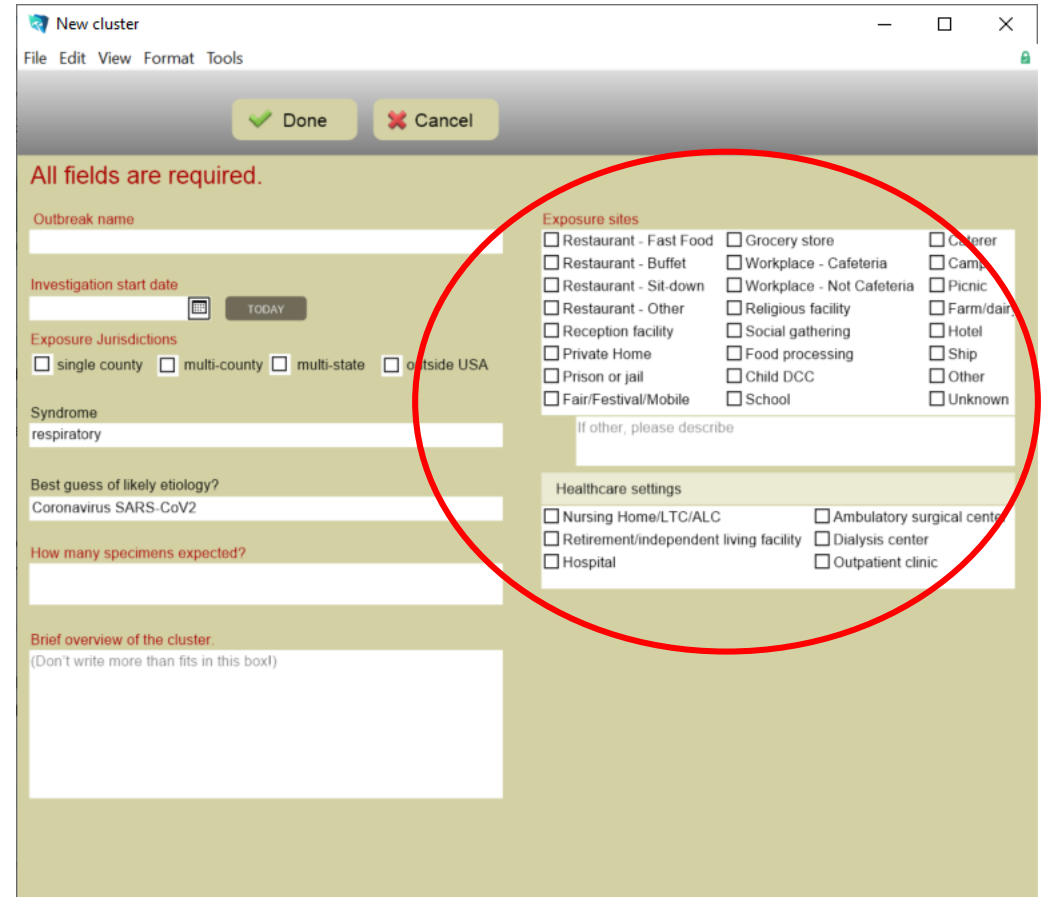
- Enter the exposure location – outside USA
  - This would be for international outbreaks
    - Would be used if a group of your residents traveled to a foreign country and were exposed overseas

The screenshot shows the 'Opera Outbreak Creation' form. The 'Exposure Jurisdictions' section has four options: 'single county', 'multi-county', 'multi-state', and 'outside USA'. The 'outside USA' option is selected, indicated by a red circle and a red arrow. Below this, the 'Syndrome' is 'respiratory' and the 'Best guess of likely etiology?' is 'Coronavirus SARS-CoV2'. A 'Foreign Popup' window is open, titled 'Indicate the country of exposure.' with a 'Done' button. The popup lists 195 countries and territories, each with an unchecked checkbox. The countries listed are: Afghanistan, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bermuda, Bhutan, Bolivia, Bosnia-Herzegovina, Botswana, Bouvet Island, Brazil, Brunei, Bulgaria, Burkina Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Cayman Islands, Central African Republic, Chad, Chile, China, Colombia, Comoros, Congo, Congo (DRC), Cook Islands, Costa Rica, Croatia, Cuba, Czech Republic, Denmark, Djibouti, Dominica, Dominican Republic, East Timor, Ecuador, Egypt, El Salvador, England, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Falkland Islands, Faroe Islands, Fiji, Finland, France, French Guyana, Gabon, Gambia, Georgia, Germany, Ghana, Gibraltar, Great Britain, Greece, Greenland, Grenada, Guadeloupe (French), Guam (USA), Guatemala, Guinea, Guinea Bissau, Guyana, Haiti, Honduras, Hong Kong, Hungary, Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy, Ivory Coast (Cote D'Ivoire), Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kiribati, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Macau, Macedonia, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Marshall Islands, Martinique (French), Mauritania, Mauritius, Mexico, Micronesia, Moldova, Monaco, Mongolia, Morocco, Mozambique, Myanmar, Namibia, Nauru, Nepal, Netherlands, Netherlands Antilles, New Caledonia (French), New Zealand, Nicaragua, Niger, Nigeria, Niue, North Korea, Northern Ireland (UK), Northern Marianas, Norway, Oman, Pakistan, Palau, Palestinian Territory, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Pitcairn Island, Poland, Polynesia (French), Portugal, Qatar, Reunion (French), Romania, Russia, Rwanda, Saint Helena, Saint Kitts & Nevis, Saint Lucia, Samoa, Sao Tome and Principe, Saudi Arabia, Scotland, Senegal, Seychelles, Sierra Leone, Singapore, Slovak Republic, Slovenia, Solomon Islands, Somalia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Suriname, Swaziland, Sweden, Switzerland, Syria, Tadjikistan, Taiwan, Tanzania, Thailand, Togo, Tonga, Trinidad and Tobago, Tunisia, Turkey, Turkmenistan, Tuvalu, Uganda, Ukraine, United Arab Emirates, Uruguay, Uzbekistan, Vanuatu, Vatican City, Venezuela, Vietnam, Virgin Islands (British), Virgin Islands (USA), Wales, Western Sahara, Yemen, Zambia, and Zimbabwe.



# Opera Outbreak Creation

- Select the Exposure Site
  - You can select more than one



The screenshot shows a web form titled "New cluster" with a menu bar (File, Edit, View, Format, Tools) and buttons for "Done" and "Cancel". A red circle highlights the "Exposure sites" section, which contains a grid of checkboxes for various locations. The form also includes fields for "Outbreak name", "Investigation start date" (with a "TODAY" button), "Exposure Jurisdictions" (single county, multi-county, multi-state, outside USA), "Syndrome" (respiratory), "Best guess of likely etiology?" (Coronavirus SARS-CoV2), "How many specimens expected?", and a "Brief overview of the cluster" text area.

**All fields are required.**

Outbreak name

Investigation start date

Exposure Jurisdictions

Syndrome

Best guess of likely etiology?

How many specimens expected?

Brief overview of the cluster.

(Don't write more than fits in this box!)

**Exposure sites**

<input type="checkbox"/> Restaurant - Fast Food	<input type="checkbox"/> Grocery store	<input type="checkbox"/> Caterer
<input type="checkbox"/> Restaurant - Buffet	<input type="checkbox"/> Workplace - Cafeteria	<input type="checkbox"/> Camp
<input type="checkbox"/> Restaurant - Sit-down	<input type="checkbox"/> Workplace - Not Cafeteria	<input type="checkbox"/> Picnic
<input type="checkbox"/> Restaurant - Other	<input type="checkbox"/> Religious facility	<input type="checkbox"/> Farm/dairy
<input type="checkbox"/> Reception facility	<input type="checkbox"/> Social gathering	<input type="checkbox"/> Hotel
<input type="checkbox"/> Private Home	<input type="checkbox"/> Food processing	<input type="checkbox"/> Ship
<input type="checkbox"/> Prison or jail	<input type="checkbox"/> Child DCC	<input type="checkbox"/> Other
<input type="checkbox"/> Fair/Festival/Mobile	<input type="checkbox"/> School	<input type="checkbox"/> Unknown

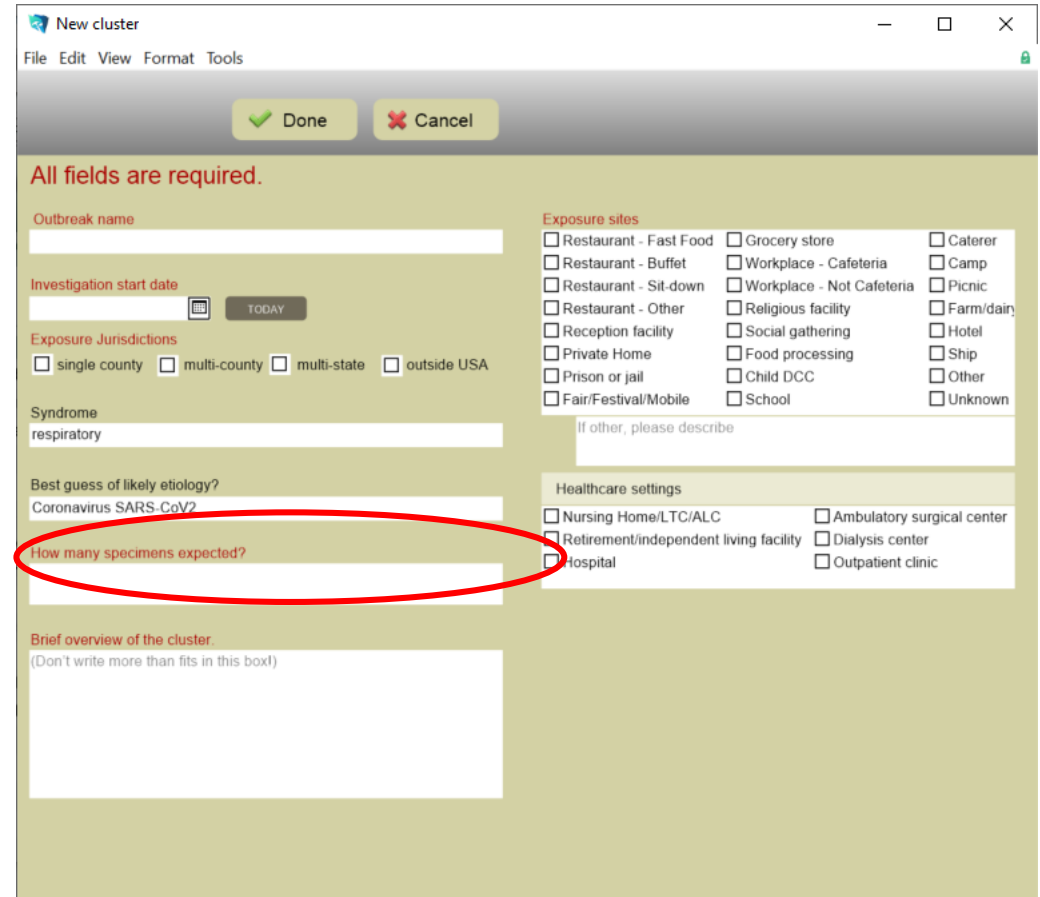
If other, please describe

**Healthcare settings**

<input type="checkbox"/> Nursing Home/LTC/ALC	<input type="checkbox"/> Ambulatory surgical center
<input type="checkbox"/> Retirement/independent living facility	<input type="checkbox"/> Dialysis center
<input type="checkbox"/> Hospital	<input type="checkbox"/> Outpatient clinic

# Opera Outbreak Creation

- How many specimen expected
  - If specimens will be sent to OSPHL, enter how many are expected to be sent
  - If no specimens are being sent to OSPHL, enter “none”



The screenshot shows a web form titled "New cluster" with a menu bar (File, Edit, View, Format, Tools) and "Done" and "Cancel" buttons. The form contains several sections:

- All fields are required.** (Red text)
- Outbreak name:** A text input field.
- Investigation start date:** A date picker with a "TODAY" button.
- Exposure Jurisdictions:** Radio buttons for "single county", "multi-county", "multi-state", and "outside USA".
- Syndrome:** A text input field containing "respiratory".
- Best guess of likely etiology?:** A text input field containing "Coronavirus SARS-CoV2".
- How many specimens expected?:** A text input field, circled in red.
- Brief overview of the cluster:** A large text area with the instruction "(Don't write more than fits in this box!)".
- Exposure sites:** A grid of checkboxes for various locations: Restaurant - Fast Food, Restaurant - Buffet, Restaurant - Sit-down, Restaurant - Other, Reception facility, Private Home, Prison or jail, Fair/Festival/Mobile, Grocery store, Workplace - Cafeteria, Workplace - Not Cafeteria, Religious facility, Social gathering, Food processing, Child DCC, School, Caterer, Camp, Picnic, Farm/dairy, Hotel, Ship, Other, and Unknown.
- Healthcare settings:** A grid of checkboxes for: Nursing Home/LTC/ALC, Retirement/independent living facility, Hospital, Ambulatory surgical center, Dialysis center, and Outpatient clinic.
- If other, please describe:** A text input field.

# Opera Outbreak Creation

- Brief Overview of the Cluster
  - Please enter a brief summary of what you know about the outbreak

New cluster

File Edit View Format Tools

Done Cancel

All fields are required.

Outbreak name

Investigation start date

Exposure Jurisdictions

Syndrome

Best guess of likely etiology?

How many specimens expected?

Brief overview of the cluster.  
(Don't write more than fits in this box!)

Exposure sites

Healthcare settings

# Opera Outbreak Creation

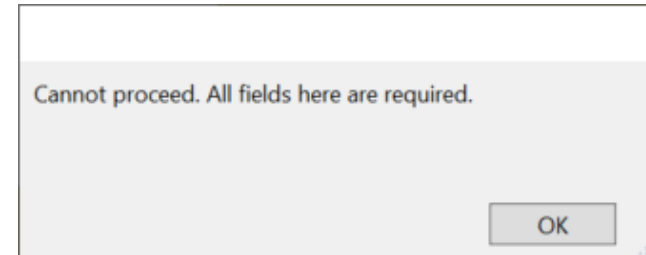
- Once you've completed all of the fields, click "Done"

The screenshot shows a web form titled "New cluster" with a menu bar (File, Edit, View, Format, Tools) and window controls. A red circle highlights the "Done" button (with a green checkmark) and the "Cancel" button (with a red X). The form contains several sections:

- All fields are required.** (Red text)
- Outbreak name:** A text input field.
- Investigation start date:** A date picker with a "TODAY" button.
- Exposure Jurisdictions:** Checkboxes for "single county", "multi-county", "multi-state", and "outside USA".
- Syndrome:** A text input field containing "respiratory".
- Best guess of likely etiology?:** A text input field containing "Coronavirus SARS-CoV2".
- How many specimens expected?:** A text input field.
- Brief overview of the cluster:** A large text area with the instruction "(Don't write more than fits in this box!)".
- Exposure sites:** A grid of checkboxes including: Restaurant - Fast Food, Restaurant - Buffet, Restaurant - Sit-down, Restaurant - Other, Reception facility, Private Home, Prison or jail, Fair/Festival/Mobile, Grocery store, Workplace - Cafeteria, Workplace - Not Cafeteria, Religious facility, Social gathering, Food processing, Child DCC, School, Caterer, Camp, Picnic, Farm/dairy, Hotel, Ship, Other, and Unknown.
- Healthcare settings:** Checkboxes for "Nursing Home/LTC/ALC", "Retirement/independent living facility", "Hospital", "Ambulatory surgical center", "Dialysis center", and "Outpatient clinic".
- If other, please describe:** A text input field.

# Opera Outbreak Creation

- If you click “Done” and the information is incomplete, you will get the following error.



# Opera Outbreak Creation

- If you click “Done” and the information is complete, this window will pop up.
  - Click “Got it” to proceed

