

NC COVID Linking an Event to an Existing Outbreak

Trainings: ncedsstrainings@dhhs.nc.gov Helpdesk: NCEDSSHelpDesk@dhhs.nc.gov

Agenda

- Why do we Link?
- How to View Links
- Linking an Event to an Existing Outbreak
 - Via Notifications
 - Via the Link Events function
- Breaking Associated Case/Contact Links

Why do we Link?

- Linking creates a connection between a person's disease event and...
 - An outbreak of that disease
 OR
 - To another person's event
- Linking Events to one another or to an Outbreak...
 - Allows users to track related events
 - Helps track and prevent disease spread

How to View Links

- On the Event Summary dashboard in the Basic Information section, you will find the Linked Events/Contacts row
 - This indicates if the event is currently linked with any other Events/Outbreaks and the number of links
 - To view current links or to link an Event/Outbreak, click the (View) hyperlink
 - If an event is currently linked to an Outbreak, it will also show as a Linked Outbreak in the Notifications section

Event Summary		
Basic Information		Notes (Add/Edit Show My Notes)
Event ID:	170002340	
Disease:	Coronavirus (COVID-19)	
Person:	Orange Skittles Birth Date: 03/15/1965 (56 Male) Phone: (919) 555-6789	
Туре:	Interactive	
Investigation Status:	Open	
Linked Events/Contacts:	0 linked event(s)/contact(s)(View))	
Attachments:	0 attachment(s) (Add)	
Notifications:	Classification: Probable	
	Event is in workflows [View List]	
	County of residence: Wake County	
	Earliest COVID-19 Diagnosis Date: 07/01/2021	
	[Show More]	
	Active outbreak: Johnson Random Church June 2021 [Link to Outbreak] [Open]	
	Active outbreak: Watauga Public School June 2021 [Link to Outbreak] [Open]	
	Active outbreak: Granville Random Church June 2021 [Link to Outbreak] [Open]	
	Active outbreak: Macon Sporting Event June 2021 [Link to Outbreak] [Open]	

Linking to an Outbreak via Notification

- The easiest way to link to an existing outbreak is to find the outbreak in the Notifications area of the Basic Information section of a person's event
 - Click the Link to Outbreak hyperlink to select the outbreak
 - Use the Show More hyperlink if the outbreak is not in the immediate list

Notifications:	Classification: Probable
	Event is in workflows [View List]
	County of residence: Wake County
	Earliest COVID-19 Diagnosis Date: 07/01/2021
-	Show More]
	Active outbreak: Johnson Random Church June 2021 [Link to Outbreak] [Open]
	Active outbreak: Watauga Public School June 2021 [Link to Outbreak] [Open]
	Active outbreak: Granville Random Church June 2021 [Link to Outbreak] [Open]
	Active outbreak: Durham Some Restaurant June 2021 [Link to Outbreak] [Open]
	Active outbreak: Macon Sporting Event June 2021 [Link to Outbreak] [Open]

Demonstration



Linked Events screen

- Filter Linked Events
 - Used to narrow down the events in the Linked Events section, should an event be linked to multiple events
- Linked Events table
 - Lists all events linked to this event
- Link Events
 - Where linking takes place

Filter Linked Ev	vents						
Disease:					✓ Sta	atus:	~
Apply Filter	Re	eset Filter					
Linked Events							
Event ID Pe	erson	Status	Create Date	Disease	Link Type	Relationship	Act
Displaying link(s) 0 0				First < Prov	1/1 Nevts	Last
	3) 00						Last
Link Events							
Operation:	Creat	e Linked	Event ~				
Disease:	Coron	avirus (C	COVID-19)	~	Sele	ct Person	
Link Type:		~			Re	set	
Relationship:			~				
Demographics							
First Name:			Middle Name:		Last N	lame:	
0				Leave a c			
Sullix:			walden/Other r	vame:	Allas:		
Birth Date:			Gender:		Social	Security Numb	or.
MM/DD/YYYY			v		Oociai		
Contact Inform	ation						
Address Type:			Street:				
Home	~						
City:			State:		Zip Co	ode:	
			NC 🗸				
County:			Country:				
		~	USA		~		
Home Phone:			Mobile Phone:		Work I	Phone:	

Note: This training only reviews linking an event to an existing outbreak

- In the Operation field, select
 'Link to Existing Event' from the menu
 - This will change Link Events section format
- Click the Select Event... button
- The Search Case window will

open



Link Events	
Operation:	Link To Existing Event ~ Select Event
Link Type:	~ ~
Relationship:	✓ Reset
Save Da	shboard Help

Search Case

- In the Type field, select
 Outbreak from the menu
 - This minimizes the Search Criteria you can enter
- In the Name field, enter the county in which the Outbreak is located with double wildcards (ex. *wake*)
- Click the Search button

Search Criteria	
Туре:	Normal 🗸
Event ID:	Normal
Last Name:	Outbreak

Search (Case
Search Crit	eria
Туре:	Outbreak ~
Name:	*wake*
Event ID:	
Disease:	~
Sort Option	IS
Sort By:	Create Date ~
Sort Order:	Descending ~
Search	Clear

 Search Results will appear to the right of the Search Criteria

Search Case										
Search Crit	teria		Search Results							
Туре:	Outbreak ~		Search Results							
Name:	*wake*		Event ID		Create Date	Name	Status	Disease		
Event ID:			>170002341	A	07/08/2021	Wake COVID-19 Chocolate Factory Outbreak July 2021	Open	Coronavirus (COVID- 19)		
Sort Options			170002330	N	06/29/2021	Wake COVID-19 Dunder Mifflin Outbreak June 2021	Open	Coronavirus (COVID- 19)		
Sort By:	Create Date 🗸 🗸		170000260	-	01/07/2009	Salmonellosis February 2012 Wake	Open	Salmonellosis (38)		
Sort Order:	Descending ~		170000094	۹	10/01/2008	HepatitisA August 2008 Wake	Open	Hepatitis A (14)		
Search Clear Select Cancel Help								vious 1 Next Last		

- Click on the appropriate Outbreak in order to highlight it
- Click the Select button, you will be returned to the Linked Events screen

- In the Link Type field, select Primary from the menu
- Click the Save button

	Link Events	
	Operation:	Link To Existing Event ~
	Disease:	Coronavirus (COVID-19)
	Link Type:	Primary Reset
	cs	
	Name:	
	Wake COVII	D-19 Chocolate Factory Outbreak July 2021
	Save	Dashboard Help

The Linked Events section shows the linked outbreak

Linked Ever	nts								
Event ID 🔺	Person	Status	Create Date	Disease	Link Type	Relationship	Action		
170002341	Wake COVID-19 Chocolate Factory Outbreak July 2021	Open	07/08/2021	Coronavirus (COVID-19)	Primary		Edit Delete Link		
Displaying link(s) 11 <pre><< First < Prev 1 / 1 Next > Last</pre>									

Click the Dashboard button to be returned to the Event





Linking to an Existing Outbreak

The Outbreak is now linked to the Event

Event Summary				
Basic Information				
Event ID:	170002340			
Disease:	Coronavirus (COVID-19)			
Person:	Orange Skittles Birth Date: 03/15/1965 (56 Male) Phone: (919) 555-6789			
Туре:	Interactive			
Investigation Status:	Open			
Linked Events/Contacts	: 1 linked event(s)contact(s) (View)			
Attachments:	0 attachment(s) (Add)			
Notifications:	Classification: Probable			
	Event is in workflows [View List]			
	County of residence: Wake County			
	Earliest COVID-19 Diagnosis Date: 07/01/2021			
-	Linked outbreak: Wake COVID-19 Chocolate Factory Outbreak July 2021 [Open]			

Demonstration



- When linking a Person's event to an Outbreak, you must check to see if they are already linked to any other Person's event(s)
- If they are, the software will automatically link the other Person's event(s) to the Outbreak – this is called linking associated contacts
- You must then break any links to contacts that are not associated with the Outbreak
 - Example: Orange works at a chocolate factory that had an outbreak. Orange was the primary contact for his wife and child, who also tested positive for COVID. The wife and child never had any association with the chocolate factory, only with Orange. The wife and child should not be linked to the outbreak.

 Before linking, take note of any event(s) that have previously been linked to the event

Linked Ev	ents									
Event ID		Person	Status	Create Date	Disease	Link Type	Relationship	Action		
170002347	7	Skittles, Green	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Child	Edit Delete Link		
170002348	3	Skittles, Purple	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Spouse	Edit Delete Link		
Displaying	Displaying link(s) 12									

- Link to the Outbreak
 - You will get a warning, click the OK button

ncedsstraining.ncpublichealth.com says

This event and all associated contacts will be linked to this outbreak -Do you wish to continue?



 After you link the event to the Outbreak you will see it appear in the Linked Events section with the other linked events

	Linked Ever	its							
	Event ID 🔺	Person	Status	Create Date	Disease	Link Type	Relationship	Action	
	170002341	Wake COVID-19 Chocolate Factory Outbreak July 2021	Open	07/08/2021	Coronavirus (COVID-19)	Primary		Edit Delete Link	
	170002347	Skittles, Green	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Child	Edit Delete Link	
	170002348	Skittles, Purple	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Spouse	Edit Delete Link	
Displaying link(s) 13 <pre><< First < Prev 1 / 1 Next</pre>									

 Now you need to break the link between the person's associated contacts and the newly linked Outbreak

Linked Ever	nts						
Event ID 🔺	Person	Status	Create Date	Disease	Link Type	Relationship	Action
170002341	Wake COVID-19 Chocolate Factory Outbreak July 2021	Open	07/08/2021	Coronavirus (COVID-19)	Primary		Edit Delete Link
170002341	Skittles, Green	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Child	Edit Delete Link
170002348	Skittles, Purple	Open	07/08/2021	Coronavirus (COVID-19)	Epi-Linked	Spouse	Edit Delete Link
Displaying lin	nk(s) 13				<< Fi	rst < Prev 1 /	1 Next > Last >>

 Click on the Event ID for the Outbreak to open the Outbreak Summary dashboard

The **Outbreak Summary** dashboard looks very similar to the Event Summary dashboard

asic Information		Notes (Add/Edit Show My Notes)
vent ID:	170002341	
Disease:	Coronavirus (COVID-19)	
Name:	Wake COVID-19 Chocolate Factory Outbreak July 2021	
Investigation Status:	Open	
Linked Events/Contacts:	1 linked event(s)/contact() (View)	
Attachments:	0 attachment(s) (Add)	
Notifications:	County of residence: Wake County	
	Earliest COVID-19 Diagnosis Date:	

Click on the (View) hyperlink in the Linked
 Events/Contacts row

There can be multiple events in the Linked Events section

Linked Events							
Event ID		Person	Status	Create Date	Disease	Link Type	Action
170002340		Skittles, Orange	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002347		Skittles, Green	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002348		Skittles, Purple	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002349		Taffy, Pink	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
Displaying link(s) 14					<<	First < Prev 1 / 1 Next > Last >>

 Locate the event ID's that were linked automatically when you linked your event to the Outbreak and are not associated with this Outbreak

 In the Action column click the Delete Link hyperlink to remove the event(s) that should not be linked

Linked Events						
Event ID 🔺	Person	Status	Create Date	Disease	Link Type	Action
170002340	Skittles, Orange	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002347	Skittles, Green	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002348	Skittles, Purple	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002349	Taffy, Pink	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
Displaying link(s) 14	4				<< Firs	t < Prev 1 / 1 Next > Last >>

- Are you sure you want to delete the selected event link?
 - Click the OK button

ncedsstraining.ncpublichealth.com says

Are you sure you want to delete the selected event link?

OK

Cancel

 Confirm all events that should not be linked have been deleted from the Outbreak

Linked Events						
Event ID	Person	Status	Create Date	Disease	Link Type	Action
170002340	Skittles, Orange	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
170002349	Taffy, Pink	Open	07/08/2021	Coronavirus (COVID-19)	Primary	Edit Delete Link
Displaying link(s) 1	2				<< First	< Prev 1 / 1 Next > Last >>

 Click the Dashboard button to returned to the Outbreak Summary dashboard



 Don't forget to be a good NC COVID Citizen and unload the Outbreak!

break Summary			
Basic Information		Notes (<u>Add/Edit Show My Notes</u>)	
Event ID:	170002341		
Disease:	Coronavirus (COVID-19)		
Name:	Wake COVID-19 Chocolate Factory Outbreak July 2021		
nvestigation Status:	Open		
inked Events/Contacts:	1 linked event(s)/contact(s) (View)		
Attachments:	0 attachment(s) (Add)		
Notifications:	County of residence: Wake County		
	Earliest COVID-19 Diagnosis Date:		

Demonstration



Questions



Training Needs: ncedsstrainings@dhhs.nc.gov Helpdesk Questions: ncedsshelpdesk@dhhs.nc.gov