



What's in a Name?

Navigating the NHSN Terminology Browser

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Surveillance Branch | NCZED | Division of Quality Promotion
Centers for Disease Control and Prevention

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Objectives

By the end of this session, the participant will be able to:

- Access the NHSN CDA Submission Support Portal (CSSP) to open the NHSN Terminology Browser
- Navigate through the browser to identify NHSN Organisms
- Determine the Attributes of Each Organism Identified

Terminology Browser Location?

<https://www.cdc.gov/nhsn/cdaportal/terminology/index.html>

Eligible Central Line: A CL that has been in place for more than two consecutive calendar days (on or after CL Day 3), following the first access of the central line, in an inpatient location, during the current admission. Such lines are eligible for CLABSI events and remain eligible for CLABSI events until the day after removal from the body or patient discharge, whichever comes first. (See Table 3 for examples).

Eligible BSI Organism: Any organism that is eligible for use to meet LCBI or MBI-LCBI criteria. In other words, an organism that is not an excluded pathogen for use in meeting LCBI or MBI-LCBI criteria. All organisms may not be included in the [NHSN Terminology Browser](https://www.cdc.gov/nhsn/cdaportal/terminology/index.html). Contact NHSN for guidance regarding organisms that are not found in the browser.

Central line-associated BSI (CLABSI): A laboratory confirmed bloodstream infection where an eligible BSI organism is identified, and an eligible central line is present on the LCBI DOE or the day before.

Central line days: The number of days a central line is accessed to determine if an LCBI is a CLABSI.

Denominator device days: The count of central lines on an inpatient unit that is recorded in the monthly denominator summary data. This count begins on the first day the central line is present, regardless of access.

Chapter 17 Definitions

IAB-Intraabdominal infection, not specified elsewhere, including gallbladder, bile ducts, liver (excluding viral hepatitis), spleen, pancreas, peritoneum, retroperitoneal, subphrenic or subdiaphragmatic space, or other intraabdominal tissue or area not specified elsewhere. Intraabdominal infections must meet at least one of the following criteria:

1. Patient has organism(s) identified from an abscess or from purulent material from intraabdominal space by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment, for example, not Active Surveillance Culture/Testing (ASC/AST).
2. Patient has at least one of the following:
 - a. abscess or other evidence of intraabdominal infection on gross anatomic or histopathologic exam.
 - b. abscess or other evidence of intraabdominal infection on gross anatomic or histopathologic exam.
(See Reporting Instructions)

AND

organism(s) identified from blood by a culture or non-culture based microbiologic testing method, which is performed for purposes of clinical diagnosis or treatment, for example, not Active Surveillance Culture/Testing (ASC/AST). The organism(s) identified in the blood must contain at least one MBI organism from the [NHSN Terminology Browser](#).

<https://www.cdc.gov/nhsn/cdaportal/terminology/index.html>



NHSN CDA Submission Support Portal (CSSP)

Search Q

h NHSN CSSP

About CDA

Getting Started

FAQs

Implementation Toolkits &
Resources

Guide to CDA Versions

NHSN Terminology

CDCNHSN

HSLOC

Data Validation & Testing

CDC's website is being modified to comply with President Trump's Executive Orders.

NHSN Terminology

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NHSN Terminology Browser

[NHSN Terminology Browser](#) 

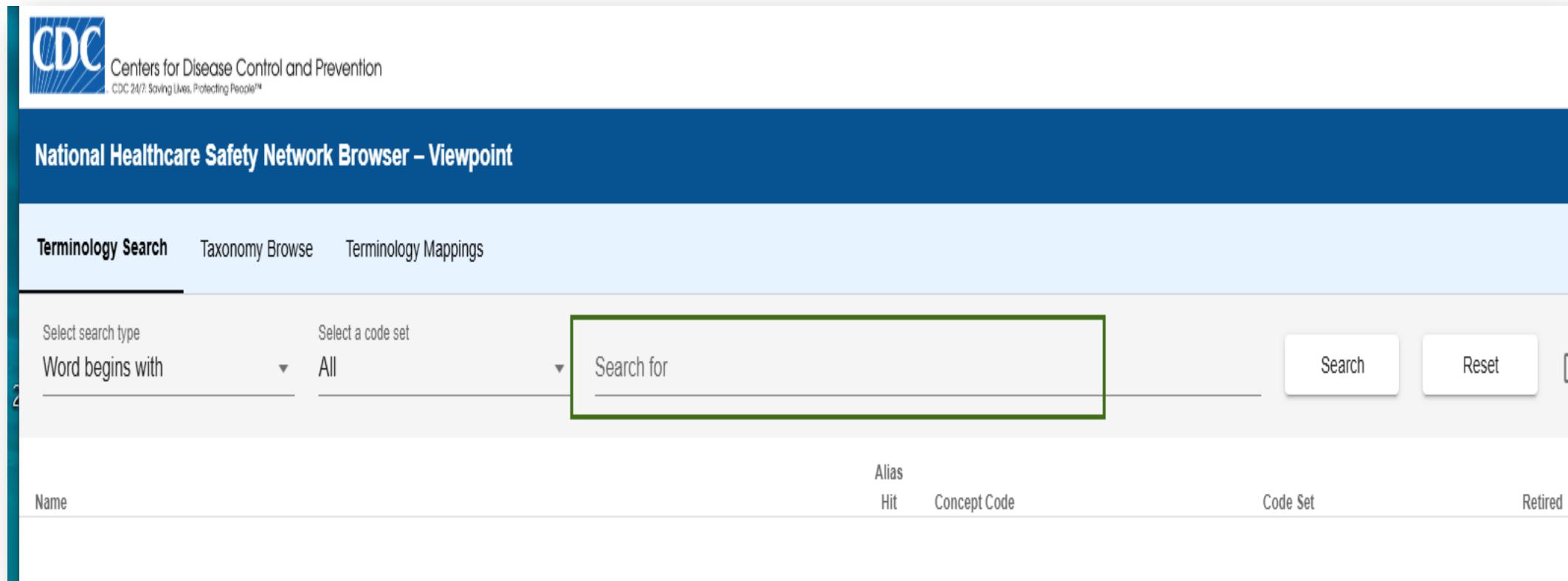
NHSN Pathogen / Organism Resources

Instruction: How to Report Pathogens  [PDF – 341 KB]

Synonyms of Pathogens  [XLS – 180 KB]

Terminology Search

The NHSN Terminology Browser is the ‘source of truth’ for NHSN Organism Reporting



National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type Select a code set

Word begins with All

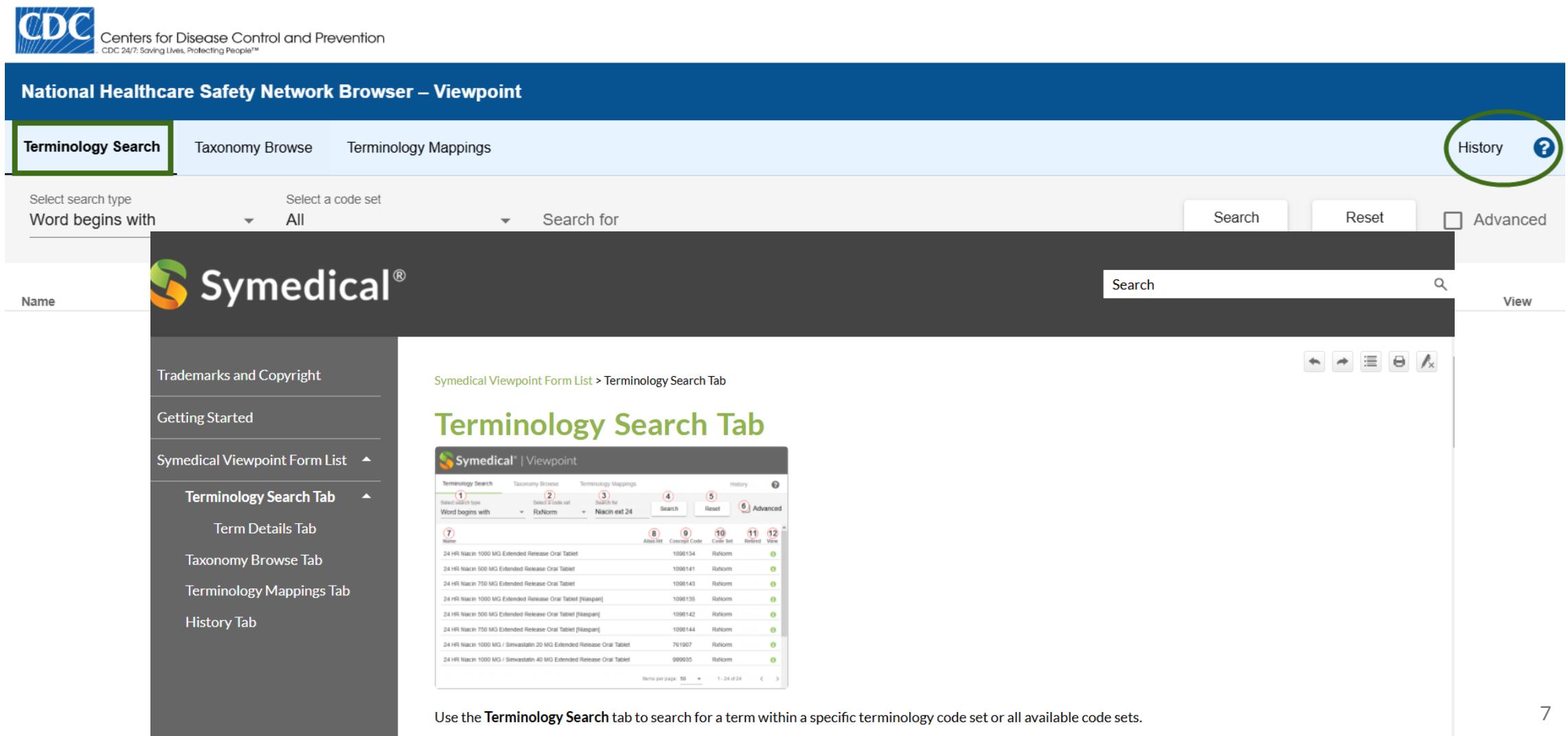
Search for

Search Reset

Name	Alias	Hit	Concept Code	Code Set	Retired
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Terminology Search: History Feature

History - key to each field within browser



The screenshot shows the National Healthcare Safety Network Browser – Viewpoint interface. The top navigation bar includes the CDC logo and the text "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". The main menu has tabs for "Terminology Search", "Taxonomy Browse", and "Terminology Mappings". The "Terminology Search" tab is selected and highlighted with a green border. In the top right corner of the search panel, there is a "History" button with a question mark icon, which is circled in green. The search interface includes fields for "Select search type" (set to "Word begins with"), "Select a code set" (set to "All"), "Search for" (containing "Niacin ext 24"), and buttons for "Search", "Reset", and "Advanced". Below the search bar, the results for "Niacin ext 24" are listed. The results table has columns for "Name", "RxNorm", "Concept Code", "Code Set", "Refined", and "View". Each result row shows a product name like "24 HR Niacin 1000 MG Extended Release Oral Tablet" with its corresponding RxNorm code (e.g., 1098134). The left sidebar has a navigation menu with sections like "Trademarks and Copyright", "Getting Started", "Symedical Viewpoint Form List", "Terminology Search Tab" (which is expanded to show "Term Details Tab", "Taxonomy Browse Tab", "Terminology Mappings Tab", and "History Tab"), and "Search". The main content area shows the "Terminology Search Tab" results for "Niacin ext 24". A sub-section titled "Terminology Search Tab" is shown with a screenshot of the search interface and a list of results. A note at the bottom of this section says: "Use the Terminology Search tab to search for a term within a specific terminology code set or all available code sets." The bottom right corner of the slide has the number "7".

Name	RxNorm	Concept Code	Code Set	Refined	View
24 HR Niacin 1000 MG Extended Release Oral Tablet	1098134	RxNorm			
24 HR Niacin 500 MG Extended Release Oral Tablet	1098141	RxNorm			
24 HR Niacin 750 MG Extended Release Oral Tablet	1098143	RxNorm			
24 HR Niacin 1000 MG Extended Release Oral Tablet (Niaspan)	1098135	RxNorm			
24 HR Niacin 500 MG Extended Release Oral Tablet (Niaspan)	1098142	RxNorm			
24 HR Niacin 750 MG Extended Release Oral Tablet (Niaspan)	1098144	RxNorm			
24 HR Niacin 1000 MG / Simvastatin 20 MG Extended Release Oral Tablet	761907	RxNorm			
24 HR Niacin 1000 MG / Simvastatin 40 MG Extended Release Oral Tablet	999903	RxNorm			

Terminology Search: Select Search Type

Select search type options

The screenshot shows the National Healthcare Safety Network Browser - Viewpoint interface. The 'Terminology Search' tab is selected. A dropdown menu is open, showing search type options: 'Word begins with', 'Word contains' (highlighted with a green box), 'Term begins with', 'Term contains', 'Concept code equals', and 'Concept code begins with'. The main search interface includes fields for 'Select search type', 'Select a code set', 'Search for', 'Search', 'Reset', and 'Advanced'.

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

History ?

Select search type

Word begins with Select a code set

All

Name

Word begins with

Word contains

All

Search for

Search Reset Advanced

Alias Hit Concept Code Code Set Retired View

Rows per page: 50

CDC INFORMATION

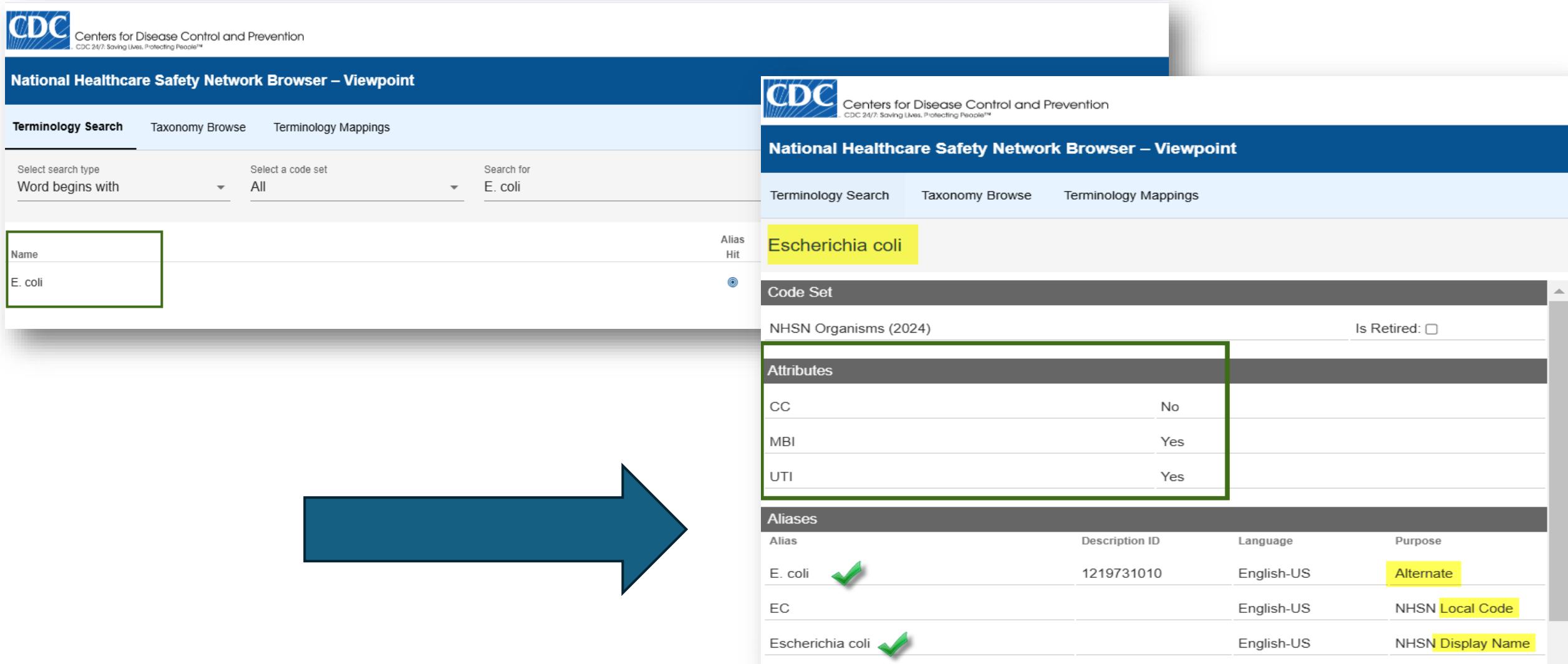
About CDC Jobs Funding Policies File Viewers & Players

Privacy FOIA No Fear Act Nondiscrimination Accessibility

Have questions? We have answers. 1-800-CDC-INFO (800-232-4636) TTY: 888-232-6348 Email: CDC-INFO

U.S. Department of Health & Human Services USA.gov CDC Website Exit Disclaimer

Terminology Search: Example



The image shows a comparison of two screenshots of the National Healthcare Safety Network Browser - Viewpoint. The left screenshot shows the search interface with a search term 'E. coli'. The right screenshot shows the search results for 'Escherichia coli'.

Left Screenshot (Search Interface):

- Terminology Search
- Taxonomy Browse
- Terminology Mappings

Select search type: Word begins with

Select a code set: All

Search for: E. coli

Name: E. coli

Right Screenshot (Search Results):

Terminology Search

Code Set

NHSN Organisms (2024)

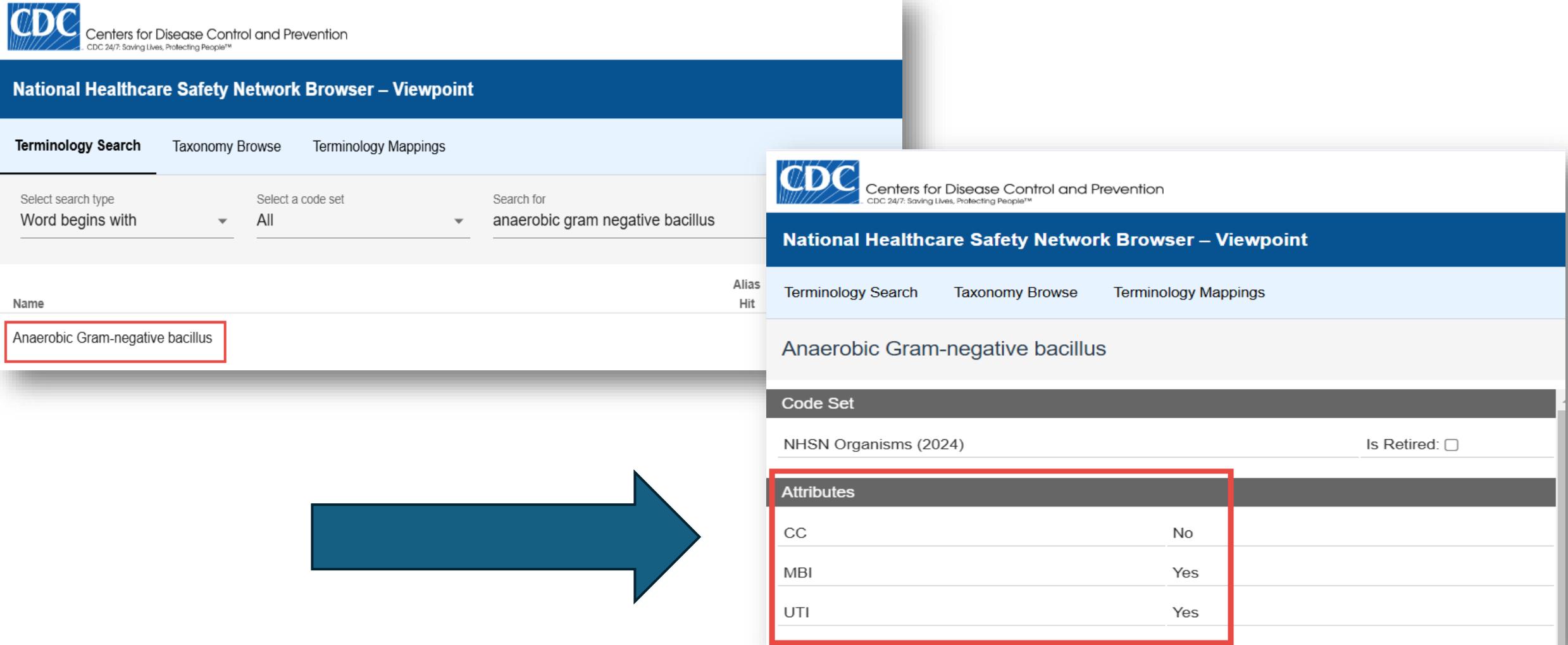
Is Retired:

Attributes	
CC	No
MBI	Yes
UTI	Yes

Aliases

Alias	Description ID	Language	Purpose
E. coli	1219731010	English-US	Alternate
EC		English-US	NHSN Local Code
Escherichia coli		English-US	NHSN Display Name

Terminology Search: Attributes



The image shows a comparison between two views of the National Healthcare Safety Network Browser - Viewpoint. The left view is a search interface, and the right view is the resulting detailed record for the search term.

Search Interface (Left):

- Terminology Search tab is active.
- Search for: anaerobic gram negative bacillus
- Word begins with: Anaerobic Gram-negative bacillus (highlighted with a red box)
- Select a code set: All

Result View (Right):

- Terminology Search tab is active.
- Code Set: NHSN Organisms (2024)
- Attributes table:

Attribute	Value
CC	No
MBI	Yes
UTI	Yes

Terminology Search: Attributes – cont.

The image shows a screenshot of the National Healthcare Safety Network Browser – Viewpoint. The search results for the term "Enterobacter" are displayed, with the results table highlighted by a red border. The results table has two columns: "Name" and "Attributes".

Name	Attributes
Carbapenem resistant Enterobacter cloacae	
Enterobacter	CC: No MBI: Yes UTI: Yes
Enterobacter aerogenes	
Enterobacter agglomerans	
Enterobacter amnigenus	
Enterobacter asburiae	
Enterobacter cancerogenus	
Enterobacter cloacae	

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type: Word contains Select a code set: All Search for: Enterobacter

Name ↑

Carbapenem resistant Enterobacter cloacae

Enterobacter

Enterobacter aerogenes

Enterobacter agglomerans

Enterobacter amnigenus

Enterobacter asburiae

Enterobacter cancerogenus

Enterobacter cloacae

Code Set

NHSN Organisms (2024) Is Retired:

Attributes

Attribute	Value
CC	No
MBI	Yes
UTI	Yes

Organism Search

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type
Word begins with

Select a code set
All

Search for
Enterobacter bugandensis

Search

Name	Alias	Hit	Concept Code	Code Set
No Results Found				

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type
Word contains

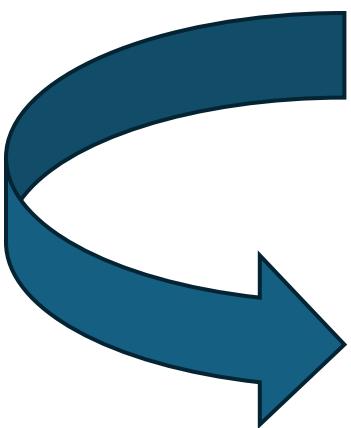
Select a code set
All

Search for
Enterobacter|

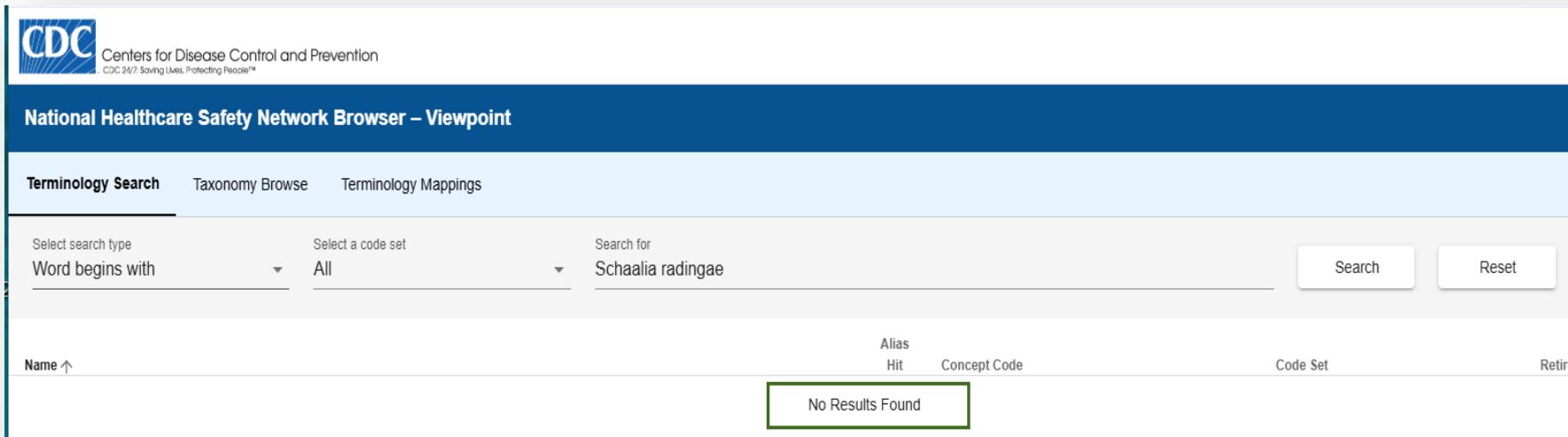
X

Search

Name	Alias	Hit	Concept Code	Code Set
Carbapenem resistant Enterobacter cloacae			714007005	NHSN Organisms (2024)
Enterobacter			58683007	NHSN Organisms (2024)
Enterobacter aerogenes		⑥	62592009	NHSN Organisms (2024)
Enterobacter agglomerans		⑥	115015008	NHSN Organisms (2024)
Enterobacter amnigenus		⑥	84221003	NHSN Organisms (2024)
Enterobacter asburiae			33115003	NHSN Organisms (2024)
Enterobacter cancerogenus			114451003	NHSN Organisms (2024)
Enterobacter cloacae			14385002	NHSN Organisms (2024)

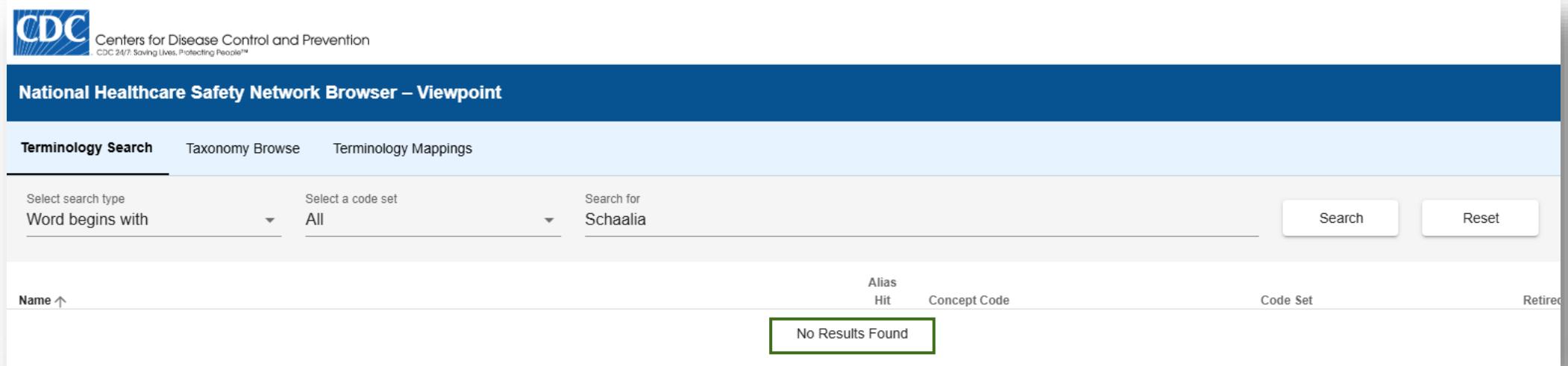


Organism Search – cont.



The screenshot shows the CDC National Healthcare Safety Network Browser – Viewpoint interface. The search bar contains the query "Schaalia radingae". The results table is empty, displaying the message "No Results Found".

Name ↑	Alias	Hit	Concept Code	Code Set	Retired

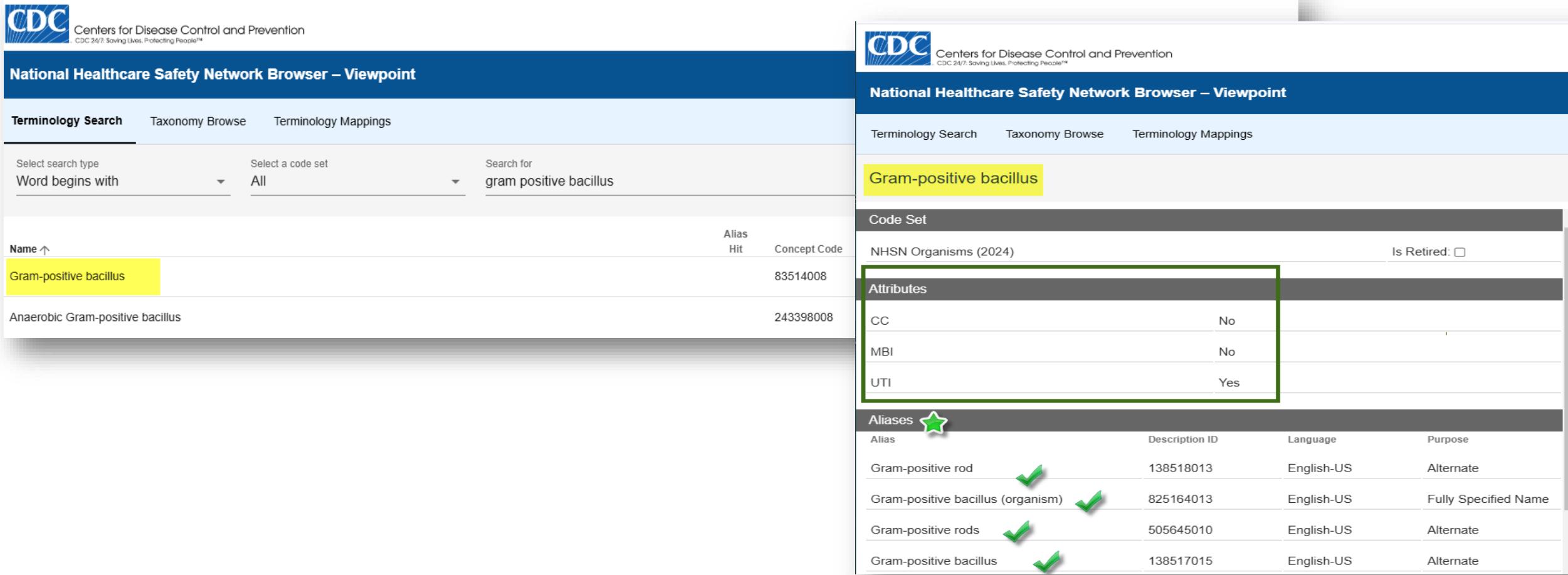


The screenshot shows the CDC National Healthcare Safety Network Browser – Viewpoint interface. The search bar contains the query "Schaalia". The results table is empty, displaying the message "No Results Found".

Name ↑	Alias	Hit	Concept Code	Code Set	Retired

Terminology Search: Attributes

When genus nor species is found in the NHSN Terminology browser, revert to the gram stain finding for the organism for reporting



The image shows two screenshots of the NHSN Terminology browser. The left screenshot shows the search results for 'gram positive bacillus', with the first result, 'Gram-positive bacillus', highlighted. The right screenshot shows the 'Attributes' section for this term, which includes 'CC' (No), 'MBI' (No), and 'UTI' (Yes). The 'Aliases' section lists several aliases with green checkmarks: 'Gram-positive rod', 'Gram-positive bacillus (organism)', 'Gram-positive rods', and 'Gram-positive bacillus'.

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type: Word begins with

Select a code set: All

Search for: gram positive bacillus

Name ↑	Alias Hit	Concept Code
Gram-positive bacillus	83514008	
Anaerobic Gram-positive bacillus	243398008	

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Gram-positive bacillus

Code Set

NHSN Organisms (2024) Is Retired:

Attributes	
CC	No
MBI	No
UTI	Yes

Aliases

Aliases	Description ID	Language	Purpose
Gram-positive rod	138518013	English-US	Alternate
Gram-positive bacillus (organism)	825164013	English-US	Fully Specified Name
Gram-positive rods	505645010	English-US	Alternate
Gram-positive bacillus	138517015	English-US	Alternate

Shortcuts

CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings History ?

Gram-positive bacillus Concept Code: 83514008 Back

Code Set		Relationships (0)	
NHSN Organisms (2024)		Is Retired: <input type="checkbox"/>	
Attributes			
CC	No		

CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

National Healthcare Safety Network Browser – Viewpoint

Terminology Search Taxonomy Browse Terminology Mappings

Select search type Word begins with Select a code set All Search for gram positive bacillus Reset

Name	Alias	Hit	Concept Code	Code Set	Retired
Gram-positive bacillus			83514008	NHSN Organisms (2024)	

Knowledge Check: Where do I find the NHSN Terminology Browser?

- A. The hyperlink within a protocol such as from the BSI protocol, pg. 4-5
- B. The hyperlink within site-specific Infection criteria from *Surveillance Definitions*, Chapter 17
- C. By using the direct URL for the NHSN Terminology Browser: <https://www.cdc.gov/nhsn/cdaportal/terminology/index.html>
- D. All of the above

Knowledge Check:

The NHSN Terminology Browser is the sole source for organism identification for NHSN reporting?

- A. True
- B. False
- C. This is a trick question! There is no correct answer

Summary

- Use the NHSN Terminology Browser to identify an organism for reporting NHSN events
- Search for organism name using the nomenclature of the organism identified by the laboratory on the final report
- When the organism species is not included in the NHSN Terminology Browser, use the genus of the organism for reporting
- If neither genus nor species of the organism identified is found in the NHSN Terminology Browser, revert to the gram stain finding for the organism identified
- There's always a means to reporting an identified organism; contact NHSN for assistance if difficulty is encountered using the NHSN Terminology Browser

For any questions or concerns, contact the NHSN Helpdesk

- **NHSN-ServiceNow** to submit questions to the NHSN Help Desk.
- Access new portal at <https://servicedesk.cdc.gov/nhsncsp> .
- If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information, contact CDC

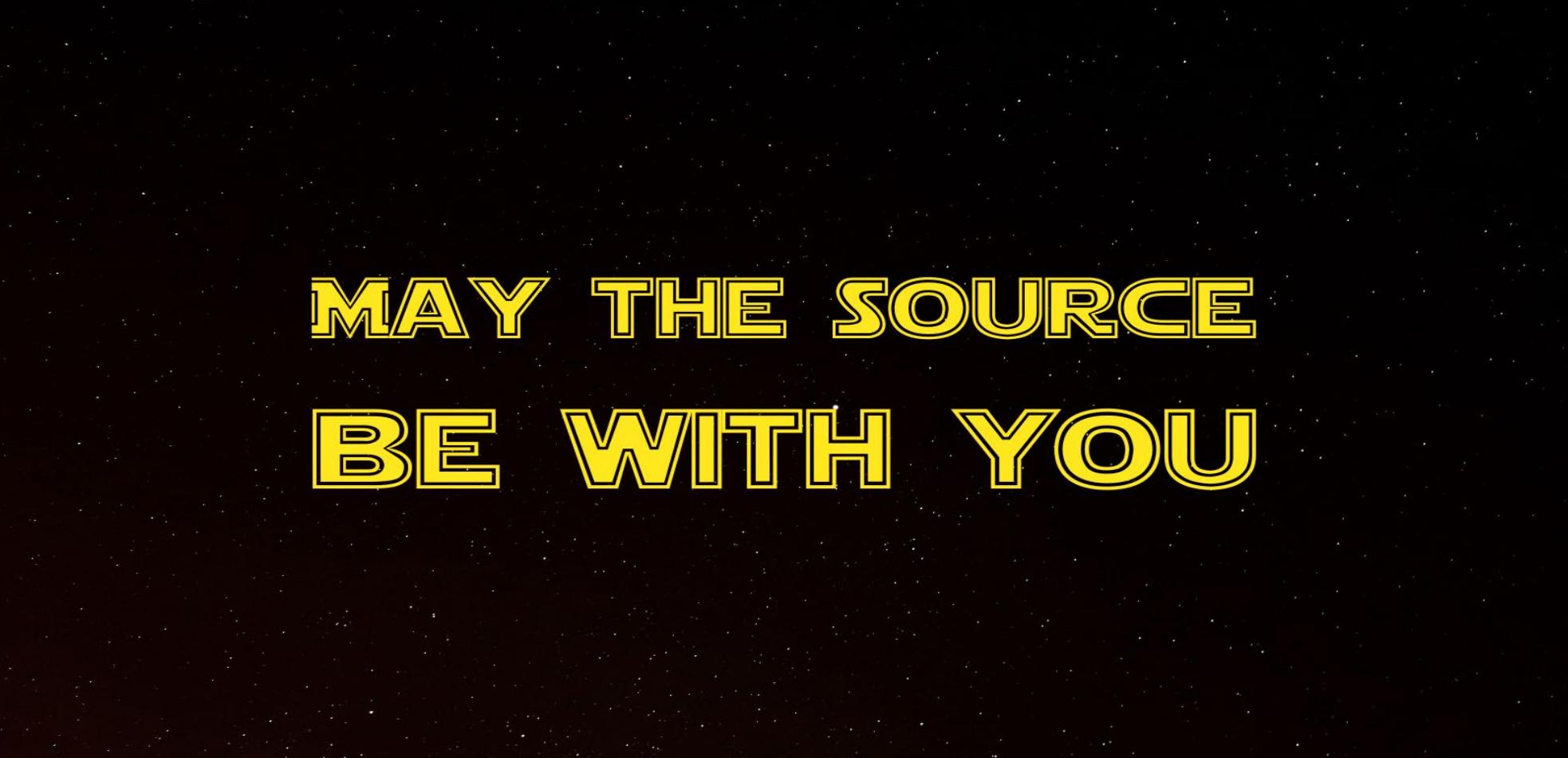
1-800-CDC-INFO (232-4636)

TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



Thanks for your time and attention !!



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BE WITH YOU**

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