



UNDERSTANDING THE ANALYTIC FUNCTIONS OF NHSN

Elisabeth Mungai, MS, MPH

Public Health Analyst – Long Term Care Component Team

NHSN Annual Training

July 9-11, 2019

OUR PLAN FOR TODAY...

- Describe standard analysis reports available in the NHSN reporting tool
- Provide examples of reports in NHSN and how those reports can be interpreted and used for prevention efforts.
- Discuss how standard reports can be customized to meet the needs of the reporting facility.
- Our Goal: To have an interactive discussion!

OUR FACILITY

- Pike Nursing Home is a 110 bed long-term care facility offering short term services, as well as 24 hour nursing care.
- The facility has been participating the CDC's National Healthcare Safety Network (NHSN) since 2012. Currently, the facility reports *Clostridium difficile* (*C. difficile*) laboratory-identified (LabID) events and UTI events. We will be analyzing the data entered in 2018 for this facility.

DATA ANALYSIS

WHEN ARE DATA CONSIDERED COMPLETE IN NHSN?

NHSN reports are considered complete once facilities:


- Fill out monthly reporting plan
- Submit event data to NHSN (if events are found)
 - If no event check “no event” in summary data form
- Submit summary data to NHSN
- Resolve all alerts

GENERATING DATASETS

- After data entry is complete, the data must first be compiled into your user specific NHSN dataset.
- Generate datasets after any change so that the change will be reflected in Analysis Reports.
- First step when troubleshooting analysis problems.

NOTE: Unresolved alerts will prevent data from showing up in analysis reports even if new datasets are generated

- NHSN Home
- Alerts
- Dashboard
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Import/Export
- Surveys ▶
- Analysis ▶**
- Users ▶
- Facility ▶
- Group ▶
- Logout



Generate Data Sets

Generate Long Term Care Facility Analysis Data Sets

Datasets generated will include data for the 3 most recent full calendar years up until today's date for the Patient Safety Component. To include all years check the box below.

For all other components, datasets generated will include all years. Note that any analysis options you run will be limited to the time period shown on the date range bar.

Include all data reported to NHSN for this component within the parameters of rights conferred.


Don't forget to check the box to include all years of data!

7/2019

Generate New Last Generated: Mar 13 2019 12:14PM

GENERATING DATASETS

Users may navigate in application while data sets are generating!



Generate Data Sets

Generate Long Term Care Facility Analysis Data Sets

Datasets generated will include data for the 3 Patient Safety Component. To include all year

For all other components, datasets generated will be limited to the time period shown on the

Include all data reported to NHSN for this

3/2015

Last Generated: Processing...

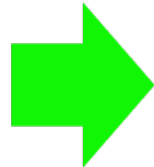
Please wait...

Processing Base_LTC (95%)

Your data set generation has been scheduled. You may log out or continue to work in other areas of NHSN. When you return to this screen you will see a progress bar if still processing, otherwise, you will see a time completed.

FINDING NHSN DATA

- NHSN Home
- Alerts
- Dashboard
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Import/Export
- Surveys ▶
 - Add
 - Find
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout



Find Annual Survey

- Enter search criteria and click Find
- Fewer criteria will return a broader result set
- More criteria will return a narrower result set

Facility ID:

Survey Year:

FINDING NHSN DATA

Page 1 of 1 5 record(s) found	
Survey Year ▾	Facility ID
2018	39455
2017	39455
2016	39455
2015	39455
2014	39455
Page 1 of 1 5 record(s) found	

Add

Back

HOW DO OUR DATA LOOK IN NHSN?


NHSN Home

- Alerts
- Dashboard
- Reporting Plan ▶
- Resident ▶
- Event ▶
- Summary Data ▶
- Import/Export
- Surveys ▶
- Analysis ▶**
- Users ▶
- Facility ▶
- Group ▶
- Logout

Generate Data Sets

Reports



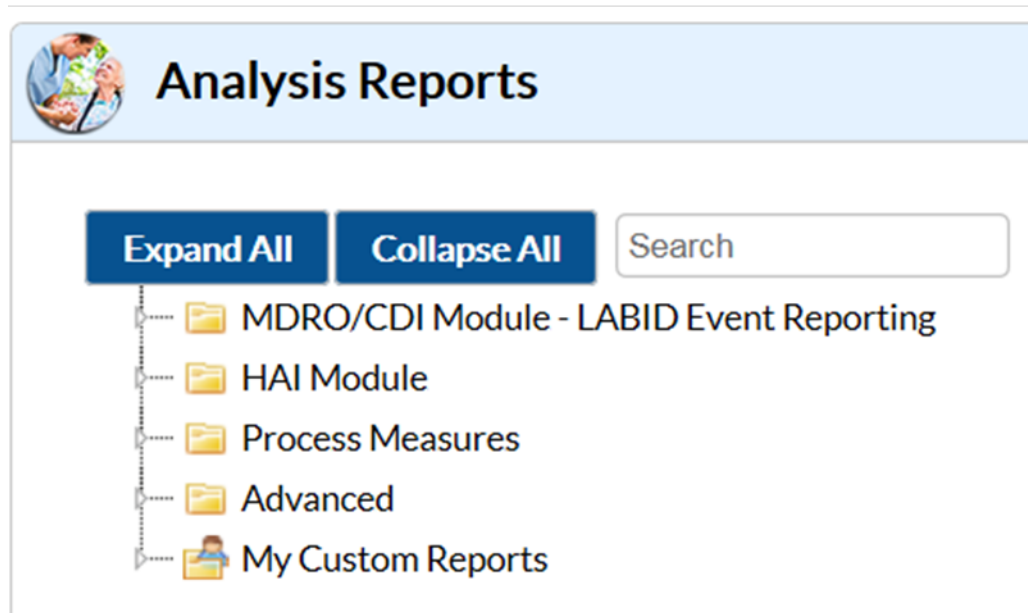
 **Analysis Reports**

Expand All **Collapse All** Search

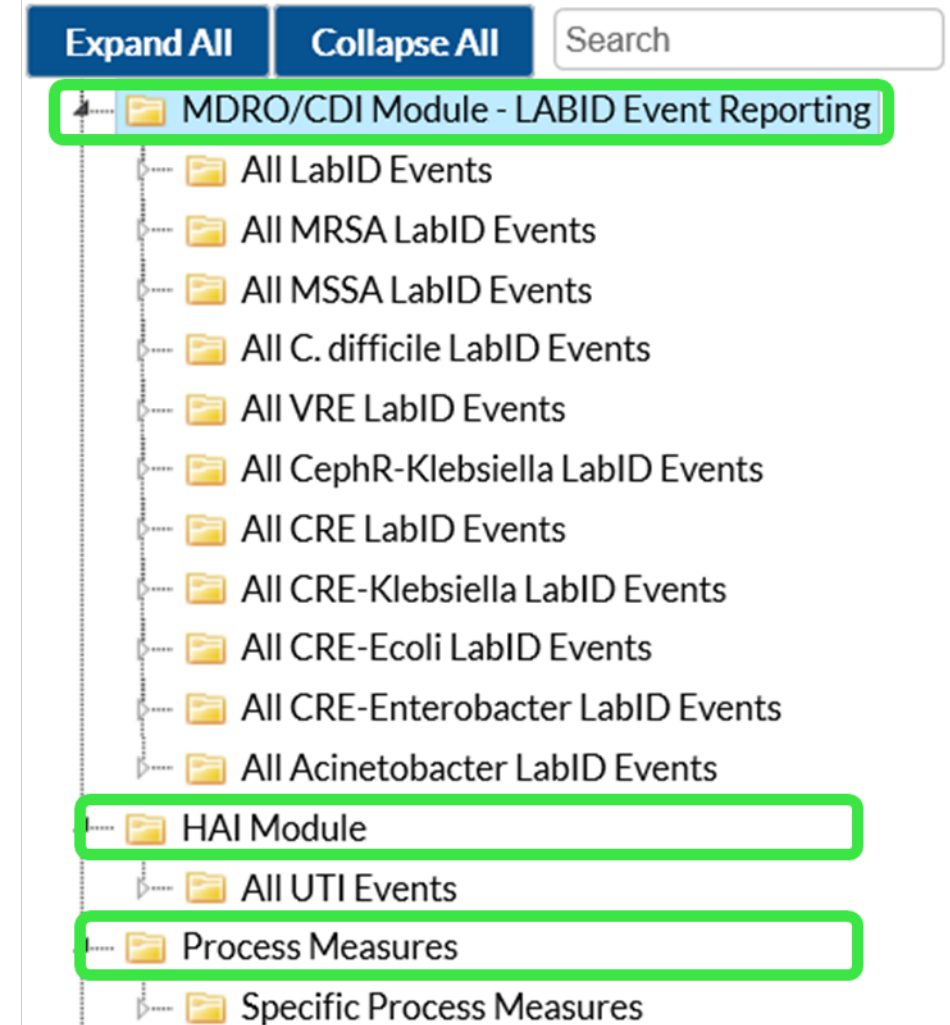
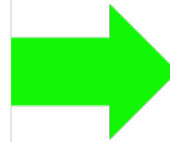
- MDRO/CDI Module - LABID Event Reporting ★
- HAI Module ★
- Process Measures ★
- Advanced
- My Custom Reports
- Published Reports

HOW DO OUR DATA LOOK IN NHSN?

- Analysis Reports: Organized into folders, first by module (e.g., MDRO/CDI Module; HAI Module)



The screenshot shows the 'Analysis Reports' interface. At the top left is a globe icon. The title 'Analysis Reports' is in a light blue header. Below the header are two buttons: 'Expand All' and 'Collapse All', and a search box. The folder structure is collapsed, showing five main categories: MDRO/CDI Module - LABID Event Reporting, HAI Module, Process Measures, Advanced, and My Custom Reports.



The screenshot shows the 'Analysis Reports' interface with the folder structure expanded. At the top are buttons for 'Expand All', 'Collapse All', and a search box. The expanded structure is as follows:

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - All VRE LabID Events
 - All CephR-Klebsiella LabID Events
 - All CRE LabID Events
 - All CRE-Klebsiella LabID Events
 - All CRE-Ecoli LabID Events
 - All CRE-Enterobacter LabID Events
 - All Acinetobacter LabID Events
- HAI Module
 - All UTI Events
- Process Measures
 - Specific Process Measures

WHAT REPORTS ARE AVAILABLE TO VIEW *C. DIFFICILE* LABID EVENT DATA?

- **Line list** allow resident-level review of data
- **Rate tables** display an overall facility calculated rates

Available reports may be modified and saved to Custom Reports folder!!

The screenshot shows a software interface with a folder tree. At the top, there are buttons for 'Expand All' and 'Collapse All', and a search box. The folder structure is as follows:

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events** (highlighted with a green arrow)
 - Line Listing - All CDI LabID Events** (highlighted with a green box)
 - Rate Tables for CDI LabID Event Data** (highlighted with a green box)
 - Custom Reports
 - All VRE LabID Events
 - All CephR-Klebsiella LabID Events
 - All CRE LabID Events
 - All CRE-Klebsiella LabID Events
 - All CRE-Ecoli LabID Events
 - All CRE-Enterobacter LabID Events
 - All Acinetobacter LabID Events

LINE LISTING

- Helpful in pinpointing issues in data validity/quality
- Can help inform analysis
- Most customizable type of output from NHSN

National Healthcare Safety Network Line Listing - All CDI LabID Events

As of: July 8, 2019 at 9:50 AM

Date Range: LTCLABID_EVENTS eventDate 01/01/2018 to 06/01/2018

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Specimen Source	Location	Transferred from Acute Care Facility in Past 4 Weeks?	CDI Assay	Onset	Onset Description	Days: Admit to Event
11106	008877	01/03/2018	2020	01/05/2018	CDIF	STOOL	SKN	Y	Incident	CO	CO - Community-Onset	3
11106	RP45789	10/05/2017	2021	02/05/2018	CDIF	STOOL	DEM	N	Incident	LO	LO - Long-term Care Facility-Onset	124
11106	123456	03/07/2018	1945	05/08/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	63

1. cdiAssay is "Incident" for any CDI LabID Event from a specimen obtained > 56 days after the most recent CDI LabID Event, or where no previous CDI LabID Event has been entered for that resident.

2. cdiAssay is "Recurrent" for any CDI LabID Event from a specimen obtained > 14 days and =< 56 days after the most recent CDI LabID Event for that resident.

Sorted by eventDate location

Data contained in this report were last generated on July 3, 2019 at 12:00 PM.

LABID EVENT CATEGORIZATION FOR CDI

*NHSN will categorize all LabID Events based on **date of current admission to the facility** and **date of specimen collection***

- ❑ **Community Onset (CO)**: Specimen collected ≤ 3 calendar days after current admission to the facility (i.e., days 1, 2, or 3 of admission)

- ❑ **Long-term Care Facility-onset (LO)**: Specimen collected > 3 calendar days after *current* admission to the facility (i.e., on or after day 4)
 - LO Events are further sub-classified:
 - **Acute Care Transfer-Long-term Care Facility-onset (ACT-LO)**: LTCF-onset (LO) LabID event with specimen collection date ≤ 4 weeks following date of last transfer from an Acute Care Facility (hospital, long-term acute care hospital, or acute inpatient rehabilitation facility only)

LABID EVENT CATEGORIZATION FOR CDI

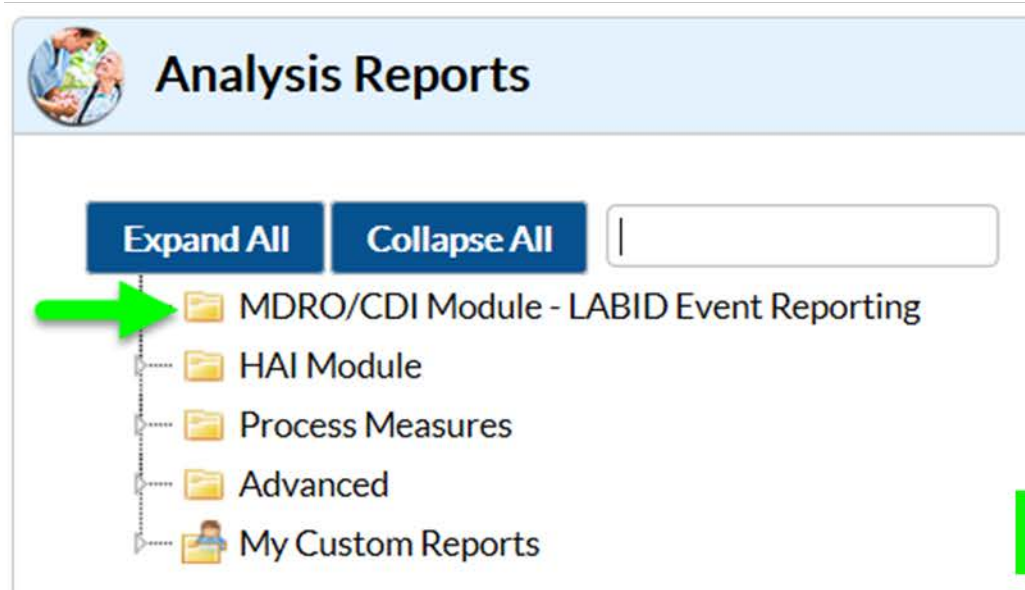
*NHSN will further categorize CDI LabID Events as **Incident or Recurrent** based on **current specimen collection date and prior specimen collection date of a previous CDI LabID Event entered into NHSN***

- **Incident**: Any CDI LabID Event from a specimen collected **>8 weeks** after the most recent CDI LabID Event submitted to the NHSN application or the first LabID Event ever submitted for the resident in your facility.
- **Recurrent**: Any CDI LabID Event entered **> 2 weeks and ≤ 8 weeks** after the most recent LabID Event submitted to the NHSN for an individual resident in the facility.

**LIVE DEMONSTATION OF CDI LABID EVENTS
LINE LISTING**

ANALYSIS REPORTS

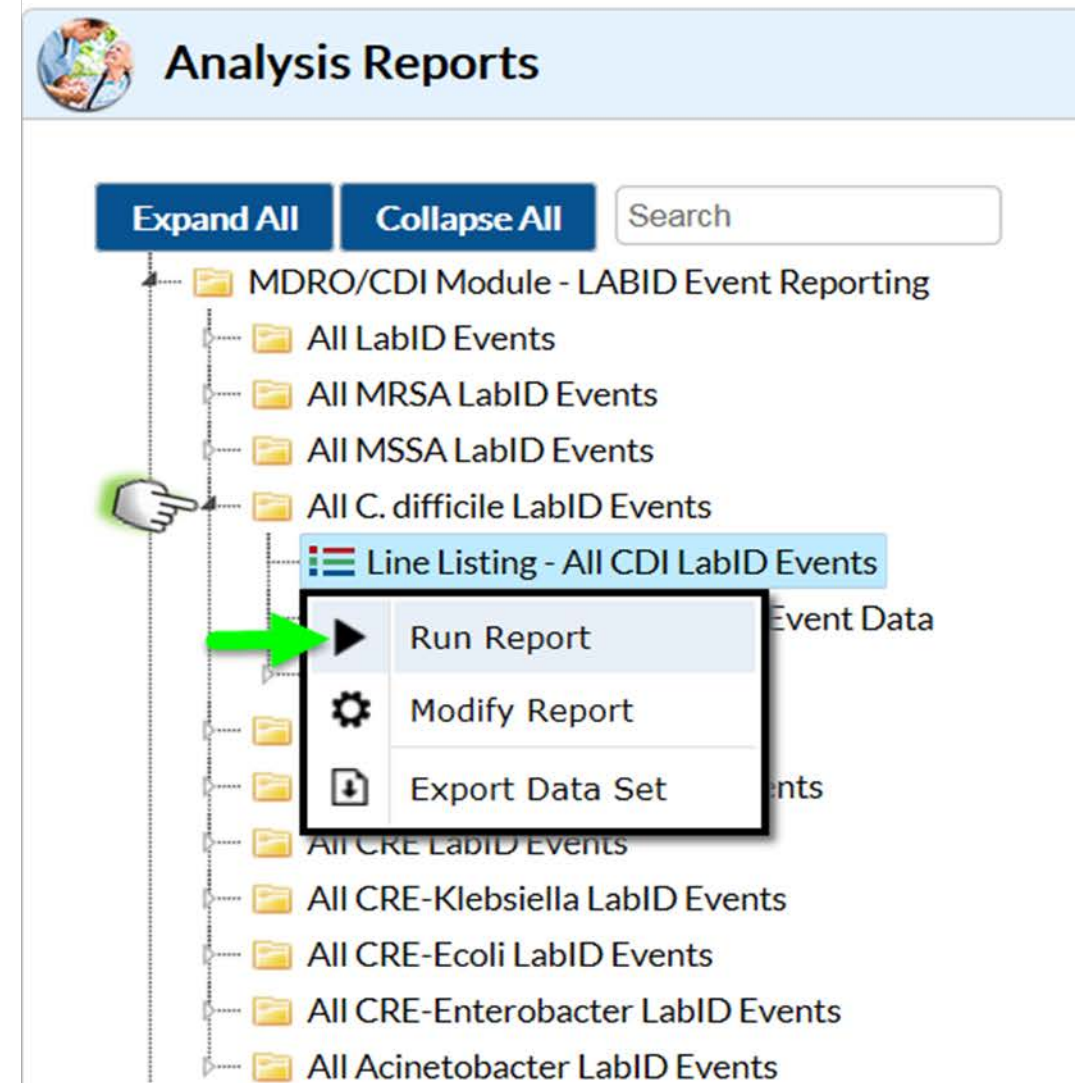
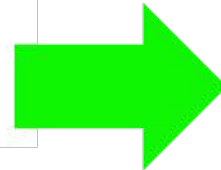
■ Line lists – CDI LabID Events



Analysis Reports

Expand All Collapse All

- MDRO/CDI Module - LABID Event Reporting
- HAI Module
- Process Measures
- Advanced
- My Custom Reports



Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - Line Listing - All CDI LabID Events
 - Run Report
 - Modify Report
 - Export Data Set
 - All CRE LabID Events
 - All CRE-Klebsiella LabID Events
 - All CRE-Ecoli LabID Events
 - All CRE-Enterobacter LabID Events
 - All Acinetobacter LabID Events

STANDARD LINE LIST – ALL CDI LABID EVENTS

National Healthcare Safety Network Line Listing - All CDI LabID Events

As of: July 5, 2019 at 11:46 PM
Date Range: All LTCLABID_EVENTS

1	2	3	4	5	6	7	8	9	10	11	12	13
Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Specimen Source	Location	Transferred from Acute Care Facility in Past 4 Weeks?	CDI Assay	Onset	Onset Description	Days: Admit to Event
11106	123456	02/01/2015	935	02/01/2015	CDIF	STOOL	GEN		Incident	CO	CO - Community-Onset	1
11106	123456	02/01/2015	936	02/15/2015	CDIF	STOOL	GEN		Recurrent	LO	LO - Long-term Care Facility-Onset	15
11106	007894	02/16/2015	1184	02/24/2015	CDIF	STOOL	GEN		Incident	ACT-LO	ACT-LO - Acute Care Transfer-Long-term Care Facility-Onset	9
11106	008979	02/09/2015	1181	02/27/2015	CDIF	STOOL	GEN		Incident	ACT-LO	ACT-LO - Acute Care Transfer-Long-term Care Facility-Onset	19
11106	632584	02/02/2015	1162	03/09/2015	CDIF	STOOL	HOSP		Incident	LO	LO - Long-term Care Facility-Onset	36
		03/09/2015	1168	03/09/2015		STOOL	HOSP		Incident	CO	CO - Community-Onset	3
11106	456239	02/05/2019	1992	02/05/2019	CDIF	STOOL	DELM	N	Incident	CO	CO - Community-Onset	5
11106	2222	01/02/2019	1966	02/06/2019	CDIF	STOOL	DEMENTIA	Y	Recurrent	LO	LO - Long-term Care Facility-Onset	36
11106	008987	11/05/2014	1947	02/12/2019	CDIF	STOOL	SKN	N	Recurrent	LO	LO - Long-term Care Facility-Onset	1561
11106	22222	02/06/2018	1948	03/05/2019	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	393

Table headings have

- Title
- Date of dataset generation
- Date range for the data.

Footnotes tell us definitions, how the data was sorted and the last date of data generation.

1. cdiAssay is "Incident" for any CDI LabID Event from a specimen obtained > 56 days after the most recent CDI LabID Event, or where no previous CDI LabID Event has been entered for that resident.

2. cdiAssay is "Recurrent" for any CDI LabID Event from a specimen obtained > 14 days and <= 56 days after the most recent CDI LabID Event for that resident.

Sorted by eventDate location


Data contained in this report were last generated on July 3, 2019 at 12:00 PM.


QUESTION 1: HOW MANY CDI LABID EVENTS WERE CATEGORIZED AS COMMUNITY ONSET (CO) IN AUGUST 2018?

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Specimen Source	Location	Transferred from Acute Care Facility in Past 4 Weeks?	CDI Assay	Onset	Onset Description	Days: Admit to Event
11106	008877	01/03/2018	2020	01/05/2018	CDIF	STOOL	SKN	Y	Incident	CO	CO - Community-Onset	3
11106	RP45789	10/05/2017	2021	02/05/2018	CDIF	STOOL	DEM	N	Incident	LO	LO - Long-term Care Facility-Onset	124
11106	123456	03/07/2018	1945	05/08/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	63
11106	235123	06/05/2018	1793	07/18/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	44
11106	111111	01/01/2015	1826	08/07/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	1315
11106	NT345345	07/03/2018	1786	08/08/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	37
11106	12345	08/09/2018	2010	08/11/2018	CDIF	STOOL	DEM	N	Incident	CO	CO - Community-Onset	3
11106	123456	03/07/2018	1825	09/02/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	180
11106	33333	06/07/2018	1788	09/03/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	89
11106	777777	08/25/2017	1795	09/10/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	382
11106	273245	08/13/2018	1796	09/12/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	31
11106	456239	08/06/2018	1791	09/12/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	38
11106	22222	05/10/2018	1787	09/14/2018	CDIF	STOOL	100 EAST	N	Incident	LO	LO - Long-term Care Facility-Onset	128
11106	424242	10/10/2017	1790	09/19/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	345

- A. 3
- ✓ B. 1
- C. 4
- D. 2

QUESTION 2: HOW MANY RESIDENTS WITH CDI TRANSFERRED DIRECTLY TO OUR FACILITY FROM AN ACUTE CARE FACILITY IN THE PREVIOUS 4-WEEKS IN 2018?

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Specimen Source	Location	Transferred from Acute Care Facility in Past 4 Weeks?	CDI Assay	Onset	Onset Description	Days: Admit to Event
11106	008877	01/03/2018	2020	01/05/2018	CDIF	STOOL	SKN	Y 	Incident	CO	CO - Community-Onset	3
11106	RP45789	10/05/2017	2021	02/05/2018	CDIF	STOOL	DEM	N	Incident	LO	LO - Long-term Care Facility-Onset	124
11106	123456	03/07/2018	1945	05/08/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	63
11106	235123	06/05/2018	1793	07/18/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	44
11106	111111	01/01/2015	1826	08/07/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	1315
11106	NT345345	07/03/2018	1786	08/08/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	37
11106	12345	08/09/2018	2010	08/11/2018	CDIF	STOOL	DEM	N	Incident	CO	CO - Community-Onset	3
11106	123456	03/07/2018	1825	09/02/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	180
11106	33333	06/07/2018	1788	09/03/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	89
11106	777777	08/25/2017	1795	09/10/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	382
11106	273245	08/13/2018	1796	09/12/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	31
11106	456239	08/06/2018	1791	09/12/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	38
11106	22222	05/10/2018	1787	09/14/2018	CDIF	STOOL	100 EAST	N	Incident	LO	LO - Long-term Care Facility-Onset	128
11106	424242	10/10/2017	1790	09/19/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	345

- A. 2
-  B. 1
- C. 3
- D. 0

QUESTION 3: HOW MANY CDI LABID EVENTS WERE REPORTED FOR RESIDENTS IN OUR SKILLED NURSING (SKN) UNIT IN SEPTEMBER 2018 ?

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Specimen Source	Location	Transferred from Acute Care Facility in Past 4 Weeks?	CDI Assay	Onset	Onset Description	Days: Admit to Event
11106	008877	01/03/2018	2020	01/05/2018	CDIF	STOOL	SKN	Y	Incident	CO	CO - Community-Onset	3
11106	RP45789	10/05/2017	2021	02/05/2018	CDIF	STOOL	DEM	N	Incident	LO	LO - Long-term Care Facility-Onset	124
11106	123456	03/07/2018	1945	05/08/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	63
11106	235123	06/05/2018	1793	07/18/2018	CDIF	STOOL	SKN	N	Incident	LO	LO - Long-term Care Facility-Onset	44
11106	111111	01/01/2015	1826	08/07/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	1315
11106	NT345345	07/03/2018	1786	08/08/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	37
11106	12345	08/09/2018	2010	08/11/2018	CDIF	STOOL	DEM	N	Incident	CO	CO - Community-Onset	3
11106	123456	03/07/2018	1825	09/02/2018	CDIF	STOOL	GEN	N	Incident	LO	LO - Long-term Care Facility-Onset	180
11106	33333	06/07/2018	1788	09/03/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	89
11106	777777	08/25/2017	1795	09/10/2018	CDIF	STOOL	BAR	N	Incident	LO	LO - Long-term Care Facility-Onset	382
11106	273245	08/13/2018	1796	09/12/2018	CDIF	STOOL	DEMENTIA	N	Incident	LO	LO - Long-term Care Facility-Onset	31
11106	456239	08/06/2018	1791	09/12/2018	CDIF	STOOL	SKN ★	N	Incident	LO	LO - Long-term Care Facility-Onset	38
11106	22222	05/10/2018	1787	09/14/2018	CDIF	STOOL	100 EAST	N	Incident	LO	LO - Long-term Care Facility-Onset	128
11106	424242	10/10/2017	1790	09/19/2018	CDIF	STOOL	SKN ★	N	Incident	LO	LO - Long-term Care Facility-Onset	345

- A. 5
- ✓ B. 2
- C. 0
- D. 1

QUESTIONS

RATE TABLE

- Allows review of facility and/or group calculated rates
- Total CDI Rate = CDI count / Total Resident Days x 10,000
- Options available to review different rate metrics

**National Healthcare Safety Network
Rate Tables for CDI LabID Event Data
Total CDI Rate**

As of: July 8, 2019 at 10:33 AM

Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M06

Facility Org ID=11106

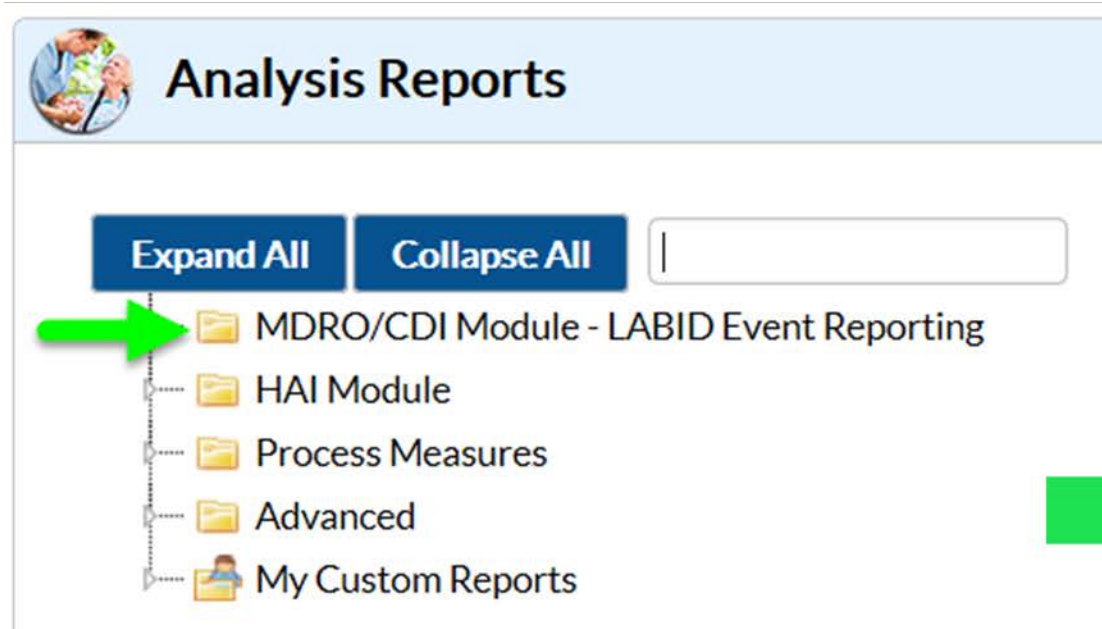
Summary Year/Month	Location	Total CDI Count	Number of Resident Days	Total CDI Rate
2018M01	FACWIDEIN	1	3000	3.333
2018M02	FACWIDEIN	1	3256	3.071
2018M03	FACWIDEIN	0	3069	0
2018M04	FACWIDEIN	0	3165	0
2018M05	FACWIDEIN	1	3091	3.235
2018M06	FACWIDEIN	0	3096	0

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

ANALYSIS REPORTS

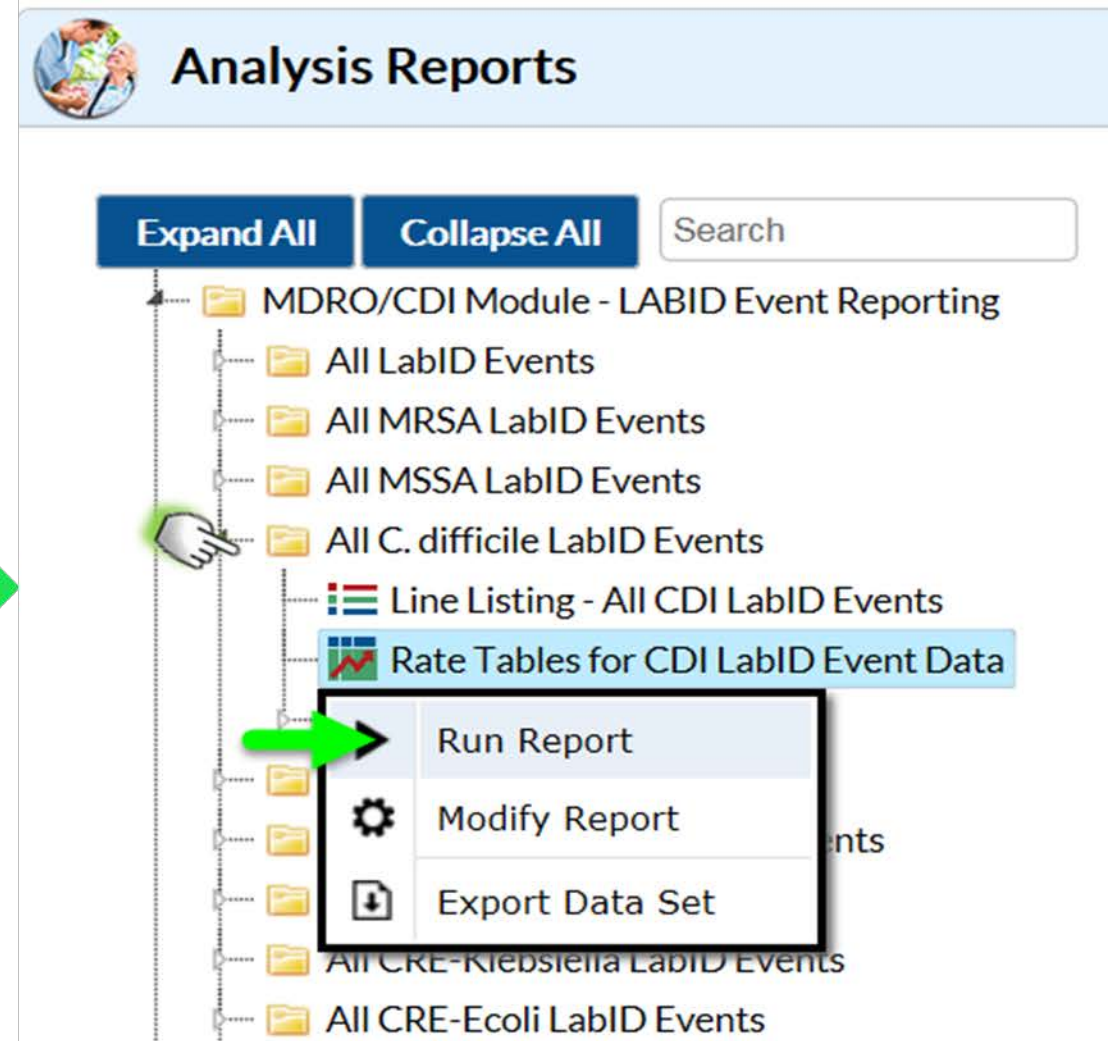
▪ Rate Tables – CDI LabID Event Data



Analysis Reports

Expand All Collapse All

- MDRO/CDI Module - LABID Event Reporting
- HAI Module
- Process Measures
- Advanced
- My Custom Reports



Analysis Reports

Expand All Collapse All

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - Line Listing - All CDI LabID Events
 - Rate Tables for CDI LabID Event Data**
 - Run Report
 - Modify Report
 - Export Data Set
 - All CRE-Klebsiella LabID Events
 - All CRE-Ecoli LabID Events

**LIVE DEMONSTATION OF CDI LABID EVENTS
RATE TABLES**

LONG-TERM CARE FACILITY TOTAL CDI RATE

National Healthcare Safety Network Rate Tables for CDI LabID Event Data Total CDI Rate

As of: July 8, 2019 at 11:15 AM

Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M12

Facility Org ID=11106

1 Summary Year/Month	2 Location	3 Total CDI Count	4 Number of Resident Days	5 Total CDI Rate
2018M01	FACWIDEIN	1	3000	3.333
2018M02	FACWIDEIN	1	3256	3.071
2018M03	FACWIDEIN	0	3069	0
2018M04	FACWIDEIN	0	3165	0
2018M05	FACWIDEIN	1	3091	3.235
2018M06	FACWIDEIN	0	3096	0
2018M07	FACWIDEIN	1	3285	3.044
2018M08	FACWIDEIN	3	3296	9.102
2018M09	FACWIDEIN	7	3168	22.096
2018M10	FACWIDEIN	0	3286	0
2018M11	FACWIDEIN	0	2550	0
2018M12	FACWIDEIN	0	3229	0

Total CDI rate
(column 5) =
(column 3/ column 4)
x 10,000

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

- Includes all CDI LabID Events- incident and recurrent events

QUESTION 5: WHAT IS OUR FACILITY'S TOTAL CDI RATE FOR AUGUST 2018?

- A. 2.3
- B. 3.5
- ✓ C. 9.10
- D. 22.1

Summary Year/Month	Location	Total CDI Count	Number of Resident Days	Total CDI Rate
2018M01	FACWIDEIN	1	3000	3.333
2018M02	FACWIDEIN	1	3256	3.071
2018M03	FACWIDEIN	0	3069	0
2018M04	FACWIDEIN	0	3165	0
2018M05	FACWIDEIN	1	3091	3.235
2018M06	FACWIDEIN	0	3096	0
2018M07	FACWIDEIN	1	3285	3.044
2018M08	FACWIDEIN	3	3296	9.102
2018M09	FACWIDEIN	7	3168	22.096
2018M10	FACWIDEIN	0	3286	0
2018M11	FACWIDEIN	0	2550	0
2018M12	FACWIDEIN	0	3229	0

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

CDI TREATMENT PREVALENCE ON ADMISSION

Total Residents Admitted on C. diff Treatment / Total Resident Admissions x 100

National Healthcare Safety Network
Rate Tables for CDI LabID Event Data
CDI Treatment Prevalence on Admission
 As of: July 8, 2019 at 11:15 AM
 Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M12

Facility Org ID=11106

1 Summary Year/Month	2 Location	3 Admissions on C. diff Treatment	4 Number of Resident Admissions	5 CDI Treatment Prevalence
2018M01	FACWIDEIN	0	0	.
2018M02	FACWIDEIN	0	0	.
2018M03	FACWIDEIN	2	3	66.667
2018M04	FACWIDEIN	0	23	0
2018M05	FACWIDEIN	0	50	0
2018M06	FACWIDEIN	0	120	0
2018M07	FACWIDEIN	1	2	50
2018M08	FACWIDEIN	0	0	.
2018M09	FACWIDEIN	2	5	40
2018M10	FACWIDEIN	0	2	0
2018M11	FACWIDEIN	1	2	50
2018M12	FACWIDEIN	0	0	.

CDI Treatment Prevalence
 (column 5) =
 (column 3/ column 4) x 100

■ May inform burden of CDI coming into facility

■ Generated from previously entered summary (denominator) data

QUESTION 6: IN SEPTEMBER 2018, WHAT PERCENT OF ADMITTED RESIDENTS WERE ON CDI TREATMENT?

National Healthcare Safety Network Rate Tables for CDI LabID Event Data CDI Treatment Prevalence on Admission

As of: July 8, 2019 at 11:15 AM

Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M12

Facility Org ID=11106

- A. 10
- ✓ B. 40
- C. 5.71
- D. 2

Summary Year/Month	Location	Admissions on C. diff Treatment	Number of Resident Admissions	CDI Treatment Prevalence
2018M01	FACWIDEIN	0	0	.
2018M02	FACWIDEIN	0	0	.
2018M03	FACWIDEIN	2	3	66.667
2018M04	FACWIDEIN	0	23	0
2018M05	FACWIDEIN	0	50	0
2018M06	FACWIDEIN	0	120	0
2018M07	FACWIDEIN	1	2	50
2018M08	FACWIDEIN	0	0	.
2018M09	FACWIDEIN	2	5	40
2018M10	FACWIDEIN	0	2	0
2018M11	FACWIDEIN	1	2	50
2018M12	FACWIDEIN	0	0	.

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

ACUTE CARE TRANSFER LONG-TERM CARE FACILITY-ONSET (ACT-LO)

Total CDI Percent that is LTCF-Onset (LO) and CDI LO Percent that is Acute Care Transfer (ACT-LO)

As of: July 8, 2019 at 11:15 AM

Date Range: LTCLABID_RATECDIF summaryYM 2018M01 to 2018M12

Facility Org ID=11106

1 Summary Year/Month	2 Location	3 Total CDI Count	4 CDI LO Count	5 CDI LO Percent	6 CDI ACT-LO Count	7 CDI ACT-LO Percent
2018M01	FACWIDEIN	1	0	0	0	.
2018M02	FACWIDEIN	1	1	100	0	0
2018M03	FACWIDEIN	0	0	.	0	.
2018M04	FACWIDEIN	0	0	.	0	.
2018M05	FACWIDEIN	1	1	100	0	0
2018M06	FACWIDEIN	0	0	.	0	.
2018M07	FACWIDEIN	1	1	100	0	0
2018M08	FACWIDEIN	3	2	66.667	0	0
2018M09	FACWIDEIN	7	7	100	0	0
2018M10	FACWIDEIN	0	0	.	0	.
2018M11	FACWIDEIN	0	0	.	0	.
2018M12	FACWIDEIN	0	0	.	0	.

Percent LTCF-onset
CDI (column 5) =
(column 4/ column
3) x 100

Percent ACT-LO
CDI (column 7) =
(column 6/ column
4) x 100

ItcCDICount equals the sum of CO and LO (includes ACT-LO)
 ItcCDILOCount equals the sum of LO and ACT-LO counts
 ItcCDI_pctLO equals the percent of total CDI counts that are LO
 ItcCDIACTLOCount equals the sum of LO counts that are ACT-LO
 ItcCDILO_pctACTLO equals the percent of LO counts that are ACT-LO
 ItcCDILOincCount equals the sum of incident LO and ACT-LO counts
 Source of aggregate data: Not available
 Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

LONG-TERM CARE FACILITY-ONSET (LO) INCIDENT CDI RATE

National Healthcare Safety Network Rate Tables for CDI LabID Event Data LTCF-Onset (LO) Incident CDI Rate

As of: July 8, 2019 at 11:15 AM
Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M12

LTCF-onset Incidence rate (column 5) = (column 3/ column 4) x 10,000

Count and rate of reported CDI LabID events that were:

- Identified **4 or more** days after current admission into LTCF
- Either **first CDI LabID** event submitted for the resident **or** it's been **more than 8 weeks** since most recent CDI LabID event submitted to NHSN

Facility Org ID=11106

1 Summary Year/Month	2 Location	3 CDI LO Incident Count	4 Number of Resident Days	5 CDI LO Incident Rate
2018M01	FACWIDEIN	0	3000	0
2018M02	FACWIDEIN	1	3256	3.071
2018M03	FACWIDEIN	0	3069	0
2018M04	FACWIDEIN	0	3165	0
2018M05	FACWIDEIN	1	3091	3.235
2018M06	FACWIDEIN	0	3096	0
2018M07	FACWIDEIN	1	3285	3.044
2018M08	FACWIDEIN	2	3296	6.068
2018M09	FACWIDEIN	7	3168	22.096
2018M10	FACWIDEIN	0	3286	0
2018M11	FACWIDEIN	0	2550	0
2018M12	FACWIDEIN	0	3229	0

EXCLUDES recurrent CDI

Incident LO CDI LabID event counts include ACT-LO.
Recurrent CDI events are excluded.
Source of aggregate data: Not available
Data contained in this report were last generated on July 3, 2019 at 12:03 PM.


QUESTION 8: WHAT IS THE LONG-TERM CARE FACILITY ONSET (LO) INCIDENT CDI RATE FOR AUGUST 2018?

National Healthcare Safety Network Rate Tables for CDI LabID Event Data LTCF-Onset (LO) Incident CDI Rate

As of: July 8, 2019 at 11:15 AM

Date Range: LTCLABID_RATESCDIF summaryYM 2018M01 to 2018M12

Facility Org ID=11106

- A. 3.2
- B. 5.9
-  C. 6.07
- D. 3.1

Summary Year/Month	Location	CDI LO Incident Count	Number of Resident Days	CDI LO Incident Rate
2018M01	FACWIDEIN	0	3000	0
2018M02	FACWIDEIN	1	3256	3.071
2018M03	FACWIDEIN	0	3069	0
2018M04	FACWIDEIN	0	3165	0
2018M05	FACWIDEIN	1	3091	3.235
2018M06	FACWIDEIN	0	3096	0
2018M07	FACWIDEIN	1	3285	3.044
2018M08	FACWIDEIN	2	3296	★ 6.068
2018M09	FACWIDEIN	7	3168	22.096
2018M10	FACWIDEIN	0	3286	0
2018M11	FACWIDEIN	0	2550	0
2018M12	FACWIDEIN	0	3229	0

Incident LO CDI LabID event counts include ACT-LO.

Recurrent CDI events are excluded.

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:03 PM.

QUESTIONS

WHAT REPORTS ARE AVAILABLE TO VIEW MY UTI EVENT DATA?

- **Line list** allow resident-level review of data
- **Rate tables** display an overall facility calculated rates

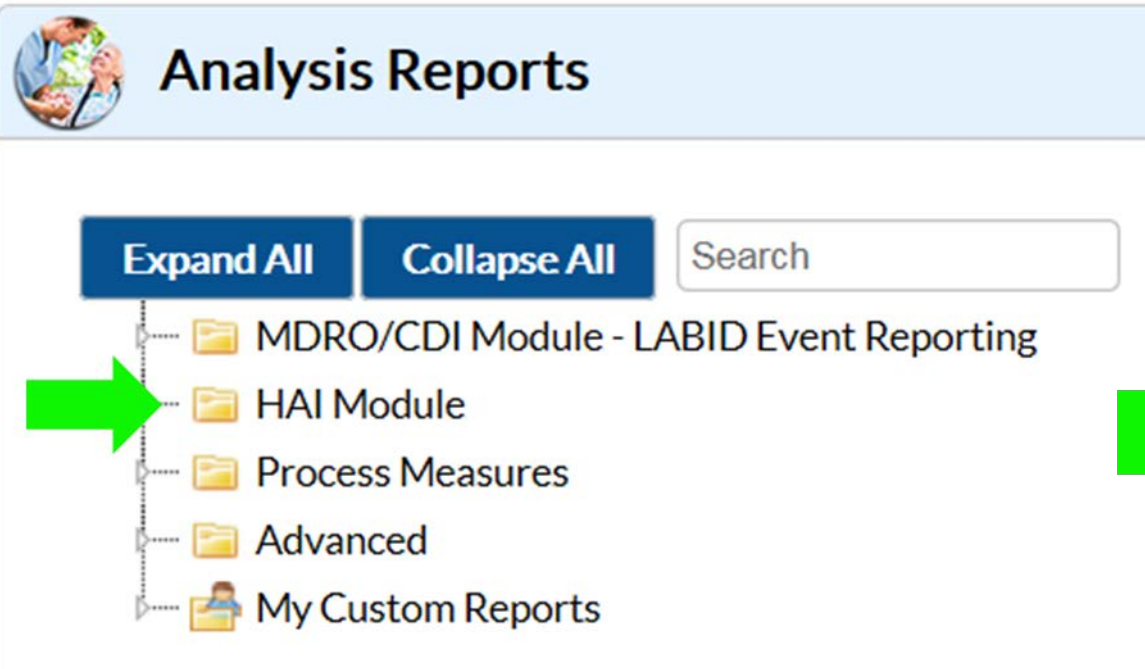
Available reports may be modified and saved to Custom Reports folder!!

The screenshot shows a navigation menu with the following elements:

- Expand All** (button)
- Collapse All** (button)
-
- MDRO/CDI Module - LABID Event Reporting (folder icon)
- HAI Module (folder icon)
- All UTI Events** (folder icon, highlighted with a green arrow)
- Line Listing - All UTI Events (line listing icon)
- Rate Table - Total UTI Rate** (rate table icon, highlighted with a green box)
- Line Listing - All UTI Events with Catheter (line listing icon)
- Rate Table - CA-SUTI Incidence Rate (rate table icon)
- Line Listing - All UTI Events without Catheter (line listing icon)
- Rate Table - SUTI Incidence Rate (rate table icon)
- Rate Table - Total Urine Culture Rate (rate table icon)

ANALYSIS REPORTS

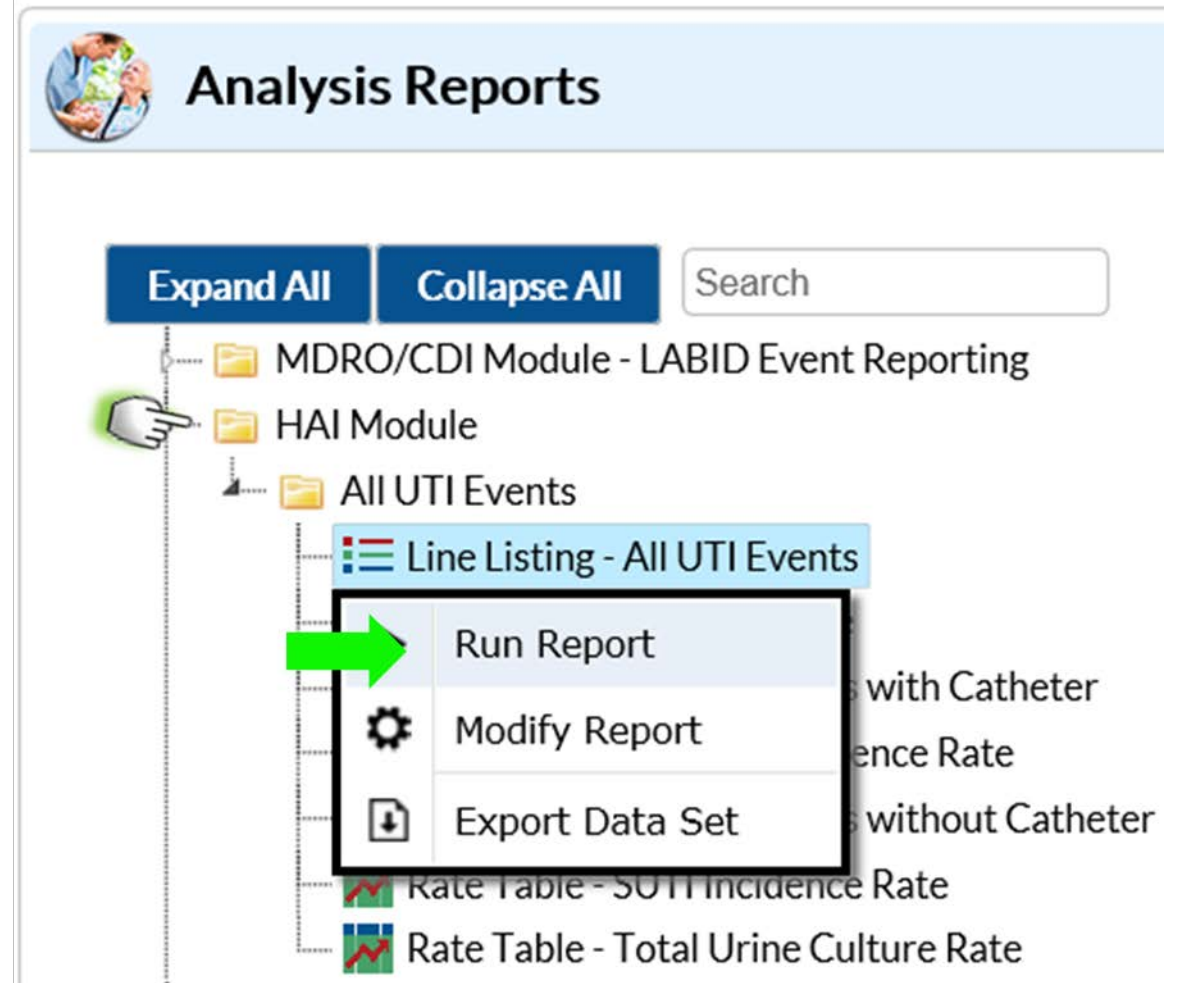
LINE LISTS – UTI EVENTS



Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
- HAI Module**
- Process Measures
- Advanced
- My Custom Reports



Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
- HAI Module
 - All UTI Events
 - Line Listing - All UTI Events**
 - Run Report**
 - Modify Report
 - Export Data Set
 - Rate Table - SUTI Incidence Rate
 - Rate Table - Total Urine Culture Rate

**LIVE DEMONSTATION OF UTI EVENTS
LINE LISTING**

STANDARD LINE LIST – ALL UTI EVENTS

Table headings have:

- Title
- Date of dataset generation
- Date range for the data

Footnotes tell us how the data was sorted and the last date of data generation.

National Healthcare Safety Network

Line Listing **All UTI Events**

As of: July 3, 2019 at 12:14 PM
Date Range: All LTCUTI_EVENTS

Specifies if table list ALL UTI, SUTI or CASUTI

1	2	3	4	5	6	7	8
Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Event	Urinary Catheter Status	Location
11106	24689	01/01/2017	1916	09/11/2018	ABUTI	NEITHER	GEN
11106	123456	03/07/2018	1967	02/05/2019	ABUTI	NEITHER	DEMENTIA
11106	64684641	03/11/2015	1250	05/11/2015	CA-SUTI	INPLACE	GEN
11106	4563543	03/10/2015	1251	05/11/2015	CA-SUTI	INPLACE	GEN
11106	10001	12/18/2017	2042	01/10/2018	CA-SUTI	INPLACE	100 EAST
11106	10003	01/03/2018	2044	02/07/2018	CA-SUTI	REMOVE	GEN
11106	10004	01/22/2018	2045	02/19/2018	CA-SUTI	INPLACE	GEN
11106	10006	09/22/2017	2052	03/29/2018	CA-SUTI	INPLACE	100 EAST
11106	008987	04/04/2018	2000	04/24/2018	CA-SUTI	INPLACE	DEM
11106	10008	03/07/2018	2054	05/15/2018	CA-SUTI	REMOVE	GEN
11106	123456	03/07/2018	1950	06/19/2018	CA-SUTI	INPLACE	GEN
11106	10010	01/11/2018	2056	07/04/2018	CA-SUTI	INPLACE	GEN
		03/05/2013	1975		SUTI	INPLACE	
11106	111111		2052	04/02/2019	SUTI		GEN
11106	1234	03/01/2019	2026	04/16/2019	SUTI	NEITHER	SKN
11106	2222	04/02/2019	2050	04/18/2019	SUTI	NEITHER	SKN
11106	123456	03/07/2018	2028	05/15/2019	SUTI	NEITHER	100 EAST
11106	56789	04/01/2019	2048	05/22/2019	SUTI	NEITHER	GEN
11106	111111	01/01/2015	2030	06/06/2019	SUTI	NEITHER	GEN
11106	999999	06/01/2019	2033	06/19/2019	SUTI	NEITHER	SKN
11106	1234	03/01/2019	2027	06/21/2019	SUTI	NEITHER	GEN

Sorted by ltcSpEvent eventDate cathStatus

Data contained in this report were last generated on July 3, 2019 at 12:00 PM.


QUESTION 4: HOW MANY SYMPTOMATIC URINARY TRACT INFECTIONS (SUTI) EVENTS WERE REPORTED FROM MARCH TO JUNE 2018?

National Healthcare Safety Network Line Listing - All UTI Events

As of: July 3, 2019 at 2:09 PM

Date Range: LTCUTI_EVENTS eventDate 01/01/2018 to 12/31/2018

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Event	Urinary Catheter Status	Location
11106	10001	12/18/2017	2042	01/10/2018	CA-SUTI	INPLACE	100 EAST
11106	10002	11/01/2017	2043	01/17/2018	SUTI	NEITHER	BAR
11106	10003	01/03/2018	2044	02/07/2018	CA-SUTI	REMOVE	GEN
11106	10004	01/22/2018	2045	02/19/2018	CA-SUTI	INPLACE	GEN
11106	10005	02/27/2017	2047	03/21/2018	SUTI	NEITHER	VENT
11106	10006	09/22/2017	2052	03/29/2018	CA-SUTI	INPLACE	100 EAST
11106	008987	04/04/2018	2000	04/24/2018	CA-SUTI	INPLACE	DEM
11106	10007	03/08/2018	2053	05/02/2018	SUTI	NEITHER	GEN
11106	10008	03/07/2018	2054	05/15/2018	CA-SUTI	REMOVE	GEN
11106	123456	03/07/2018	1950	06/19/2018	CA-SUTI	INPLACE	GEN
11106	10010	01/11/2018	2056	07/04/2018	CA-SUTI	INPLACE	GEN
11106	10009	04/27/2018	2055	07/12/2018	SUTI	NEITHER	DEMENTIA
11106	092341	03/05/2013	1975	08/08/2018	CA-SUTI	INPLACE	DEMENTIA
11106	007894	01/30/2015	1976	08/11/2018	CA-SUTI	INPLACE	DEM
11106	123456	03/07/2018	1851	09/05/2018	SUTI	NEITHER	GEN
11106	123456	03/07/2018	1804	09/11/2018	SUTI	NEITHER	GEN
11106	24689	01/01/2017	1916	09/11/2018	ABUTI	NEITHER	GEN
11106	111111	01/01/2015	1918	10/10/2018	CA-SUTI	INPLACE	GEN
11106	10011	06/11/2018	2057	11/05/2018	CA-SUTI	REMOVE	GEN
11106	10012	03/22/2018	2058	11/20/2018	CA-SUTI	INPLACE	GEN
11106	111111	01/01/2015	1951	12/17/2018	CA-SUTI	INPLACE	DEM

- A. 3
-  B. 2
- C. 5
- D. 6

Sorted by eventDate

Data contained in this report were last generated on July 3, 2019 at 12:00 PM.

RATE TABLE

- Allows review of facility and/or group calculated rates
- Total number of UTI events = SUTI+CA-SUTI+ABUTI
- Total UTI rate = Total UTI count / Total Resident Days x 1,000

National Healthcare Safety Network

Total UTI Incidence Rate

As of: July 9, 2018 at 10:46 PM

Date Range: LTCUTI_RATE S summaryYM 2018M01 to 2018M06

orgID=11106

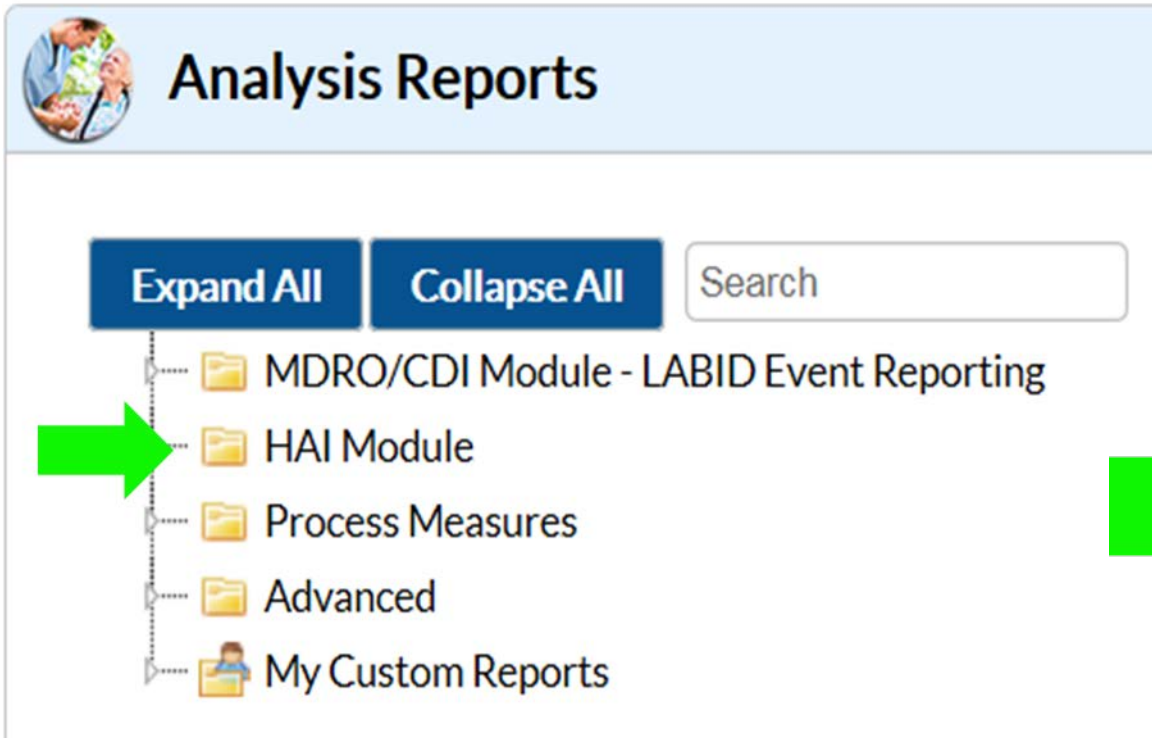
location	summaryYM	UTICount	numAbxStart	utiTreatment	numResDays	UTIRate	numLTUCathDays	CathDU
FACWIDEIN	2018M01	2	2	1	1,547	1.293	15	0.010
FACWIDEIN	2018M02	1	1	1	2,700	0.370	10	0.004
FACWIDEIN	2018M03	3	3	1	2,667	1.125	15	0.006
FACWIDEIN	2018M04	2	2	1	2,680	0.746	20	0.007
FACWIDEIN	2018M05	2	3	1.5	2,700	0.741	15	0.006

Source of aggregate data: Not available

Data contained in this report were last generated on July 9, 2018 at 10:37 AM.

ANALYSIS REPORTS

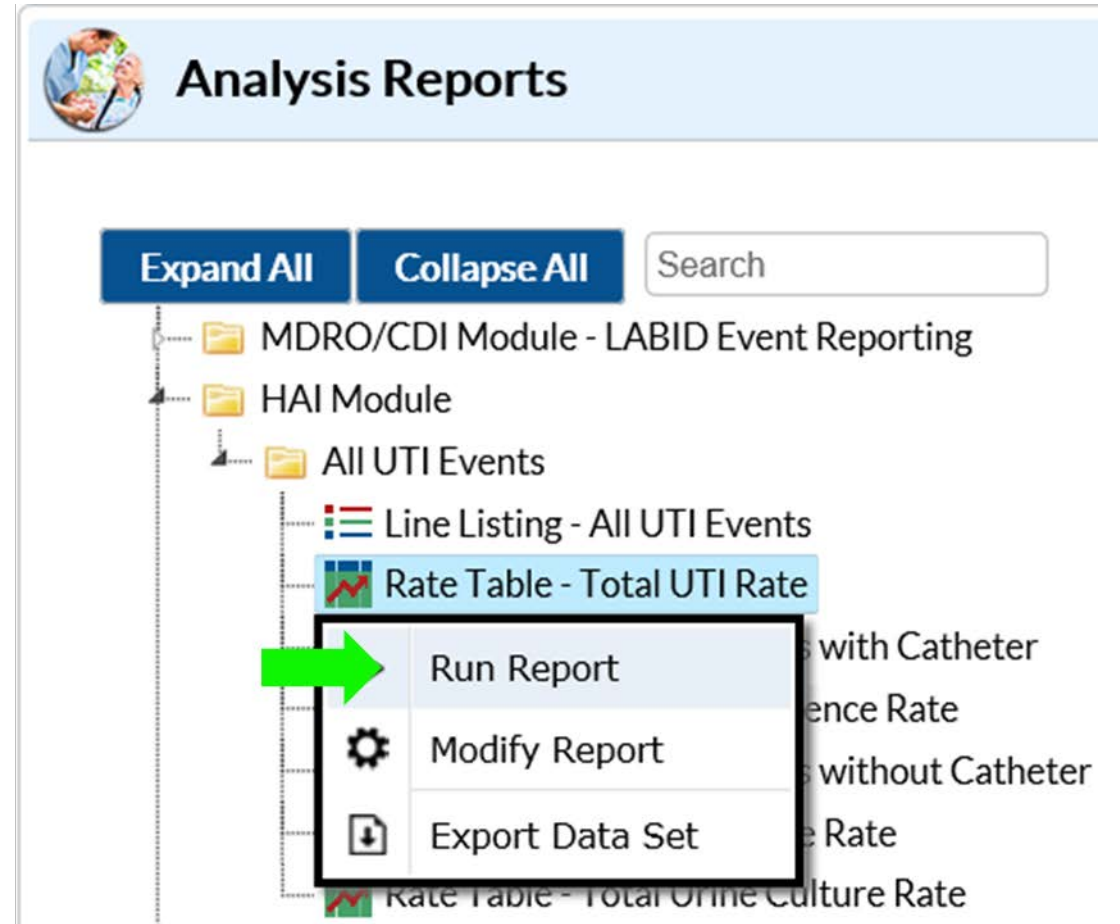
▪ Rate Tables – UTI Events



Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
- HAI Module**
- Process Measures
- Advanced
- My Custom Reports



Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
- HAI Module
 - All UTI Events
 - Line Listing - All UTI Events
 - Rate Table - Total UTI Rate**
 - Run Report
 - Modify Report
 - Export Data Set
 - Rate Table - Total UTI Rate with Catheter
 - Rate Table - Total UTI Rate without Catheter
 - Rate Table - Total UTI Rate
 - Rate Table - Total Urine Culture Rate

LIVE DEMONSTATION OF UTI EVENTS RATE TABLES

RATE TABLES – TOTAL UTI RATE

National Healthcare Safety Network
Total UTI Incidence Rate
 As of: July 3, 2019 at 2:29 PM
 Date Range: All LTCUTI_RATE S

Facility Org ID=11106

1 Location	2 Summary Year/Month	3 UTI Count	4 Number of Antibiotic Starts	5 UTI Treatment Ratio	6 Number of Resident Days	7 Total UTI Rate	8 Urinary Catheter Days	9 Cath Util Ratio
FACWIDEIN	2015M01	0	70	70	500	0.000	260	0.520
FACWIDEIN	2015M02	0	85	85	500	0.000	150	0.300
FACWIDEIN	2015M05	2	50	25	100	20.000	0	0.000
FACWIDEIN	2015M11	0	25	25	300	0.000	50	0.167
FACWIDEIN	2016M10	1	16	16	300	3.333	25	0.083
FACWIDEIN	2018M01	2	0	0	3,000	0.667	200	0.067
FACWIDEIN	2018M02	2	1	0.5	3,256	0.614	35	0.011
FACWIDEIN	2018M03	2	2	1	3,069	0.633	65	0.021

UTI treatment ratio
 (column 5) =
 (column 4/ column 3)

UTI rate (column 7) =
 (column 3/ column 6)
 x 1,000

Catheter
 utilization ratio
 (column 9) =
 (column 8/
 column 6)

FACWIDEIN		2		1		0.633		
FACWIDEIN	2019M04	3	4	1.333	3,269	0.918	10	0.003
FACWIDEIN	2019M05	2	5	2.5	3,185	0.628	25	0.008
FACWIDEIN	2019M06	3	1	0.333	3,288	0.912	0	0.000

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:00 PM.


QUESTION 8: WHAT IS THE TOTAL UTI RATE FOR SEPTEMBER 2018?

National Healthcare Safety Network Total UTI Incidence Rate

As of: July 3, 2019 at 2:51 PM

Date Range: LTCUTI_RATE SummaryYM 2018M01 to 2018M12

Facility Org ID=11106

- A. 2.7
- B. 0.37
-  C. 0.95
- D. 1.5

Location	Summary Year/Month	UTI Count	Number of Antibiotic Starts	UTI Treatment Ratio	Number of Resident Days	Total UTI Rate	Urinary Catheter Days	Cath Util Ratio
FACWIDEIN	2018M01	2	0	0	3,000	0.667	200	0.067
FACWIDEIN	2018M02	2	1	0.5	3,256	0.614	35	0.011
FACWIDEIN	2018M03	2	2	1	3,069	0.652	65	0.021
FACWIDEIN	2018M04	1	3	3	3,165	0.316	250	0.079
FACWIDEIN	2018M05	2	2	1	3,091	0.647	0	0.000
FACWIDEIN	2018M06	1	50	50	3,096	0.323	120	0.039
FACWIDEIN	2018M07	2	1	0.5	3,285	0.609	0	0.000
FACWIDEIN	2018M08	2	0	0	3,296	0.607	260	0.079
FACWIDEIN	2018M09	3	3	1	3,168	0.947	30	0.009
FACWIDEIN	2018M10	1	2	2	3,286	0.304	160	0.049
FACWIDEIN	2018M11	2	0	0	2,550	0.784	140	0.055
FACWIDEIN	2018M12	1	0	0	3,229	0.310	116	0.036

Source of aggregate data: Not available

Data contained in this report were last generated on July 3, 2019 at 12:00 PM.

QUESTIONS

I WOULD LIKE A DETAILED REPORT TO SHOW THE FOLLOWING INFORMATION.

- Each resident with a reported CDI LabID event from July to December 2018.
- The categorization of each reported CDI LabID Event.
- If the resident recently transferred to our facility from an acute care facility.
- If the resident was being treated for CDI at the time of admission to our facility.

Can I run this report using the NHSN?

- Any of the standard analysis report are able to be modified.
- Modified reports can be saved for further use in the “Custom Reports” folder.
- Modified reports are user specific, meaning other users will not see the report unless it is published.

AND HERE'S HOW YOU RUN THE REPORT



LIVE DEMONSTRATION -- MODIFYING ANALYSIS REPORTS

LINE LISTING



Analysis Reports

Expand All

Collapse All

Search

MDRO/CDI Module - LABID Event Reporting

All LabID Events

All MRSA LabID Events

All MSSA LabID Events

All C. difficile LabID Events

Line Listing - All CDI LabID Events



Run Report



Modify Report



Export Data Set

All CRE LabID Events

All CRE-Klebsiella LabID Events

All CRE-Ecoli LabID Events

All CRE-Enterobacter LabID Events

All Acinetobacter LabID Events

ADD TITLE TO MODIFIED LINE LISTING

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names ([Print List](#))

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

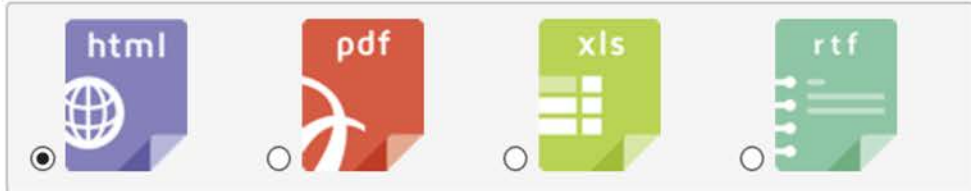
Sort Variables

Display Options

Title:

Line Listing - All CDI LabID Events

Format:



Title will appear at the top of the analysis report

Run

Save...

Export...

Close

ADD TIME PERIOD

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names ([Print List](#))

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

Sort Variables

Display Options

Time Period:

Date Variable

Beginning

Ending

Event Date



07/01/2018

12/01/2018

Clear Time Period

Enter Date variable/Time period at the time you click the Run button

Add time period of interest for the report: MM/DD/YY

FILTERS

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names (Print List) Analysis Data Set: ItcLabID_Events Type: Line Listing Data Set Generated On: 07/09/2019 10:02:00

Title/Format Time Period **Filters** Display Variables Sort Variables Display Options

Additional Filters: Show Clear

AND OR Add group

AND OR Add rule

Specific Organism equal CDIF Delete

Modified in NHSN Version
Modify User ID
OID of Facility
Onset
Onset Description
OrgID_CL
Previous Organism Infection
Primary Resident Service Type
Primary Resident Service Type Description
Resident First Name
Resident ID
Resident Last Name
Resident Middle Name
Resident Race-American Indian/Alaska Native?
Resident Race-Asian?
Resident Race-Black/African American?
Resident Race-Native Hawaiian/Pacific Islander?
Resident Race-White?
Resident Type
Resident Type Description
Specific Organism
Specimen Body Site
Specimen Body Site Description
Specimen Source
Specimen Source Description
SSN
Transferred from Acute Care Facility in Past 3 Months?
Transferred from Acute Care Facility in Past 4 Weeks?
Transferred to Acute Care Facility?
User ID for Data Entry

Make sure to use all caps as this window is case sensitive

- Allows users to choose how table is summarized

- To view all CDIF LabID events keep the default :

- spcOrgType = CDIF

VARIABLES TO DISPLAY ON LINE LISTING

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names (Print List)

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

Sort Variables

Display Options

Display Variables:

Available Variables:

Age on Event Date
Antibiotic Therapy at Time of Transfer?
CDC Location
CDC Location Description
CMS Certification Number
Comment
Complete?
Create Date
Created in NHSN Version
Date of Birth
Date of First Admission
Date of Last Transfer from Acute Care Facility
Date of Transfer to Acute Care Facility
Date Specimen Collected
Died?

All

Selected

Selected

All

Selected Variables:

Facility Org ID
Resident ID
Date of Current Admission
Event ID
Event Date
Specific Organism
Specimen Source
Location
Transferred from Acute Care Facility in Past 4 Weeks?
CDI Assay
Onset
Onset Description
Days: Admit~to Event

Up

Down

Undo

List of all variable
available for line
list

List of variables that
will in the generated
report

SELECT VARIABLES FOR REPORT

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names [\(Print List\)](#)

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

Sort Variables

Display Options

Display Variables:

Available Variables:

- ★ Age on Event Date
- ★ Antibiotic Therapy at Time of Transfer?
- CDC Location
- CDC Location Description
- ★ CDI Assay
- CMS Certification Number
- Comment
- Complete?
- Create Date
- Created in NHSN Version
- Date of Birth
- Date of First Admission
- ★ Date of Last Transfer from Acute Care Facility
- Date of Transfer to Acute Care Facility
- Date Specimen Collected

All

Selected

Selected

All

Selected Variables:

- Facility Org ID
- Resident ID
- Date of Current Admission
- Event ID
- Event Date
- Specific Organism
- Specimen Source
- Location
- Transferred from Acute Care Facility in Past 4 Weeks?
- Onset
- Onset Description
- Days: Admit~to Event

Up

Down

Undo

✓ Each resident with a reported CDI LabID event between July through December 2018.

★ The categorization of each reported CDI LabID Event (Incident/ Recurrent).

★ Date of last transfer from an acute care facility.

★ If the resident was being treated for CDI at the time of admission to our facility.

SELECTED VARIABLES FOR REPORT

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names ([Print List](#))

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

Sort Variables

Display Options

Display Variables:

Available Variables:

Age on Event Date
CDC Location
CDC Location Description
CMS Certification Number
Comment
Complete?
Create Date
Created in NHSN Version
Date of Birth
Date of First Admission
Date of Transfer to Acute Care Facility
Date Specimen Collected
Died?
Ethnicity
Ethnicity Description

All

Selected

Selected

All

Selected Variables:

Facility Org ID
Resident ID
Date of Current Admission
Event ID
Event Date
Specific Organism
Specimen Source
Location
Transferred from Acute Care Facility in Past 4 Weeks?
Onset
Onset Description
Days: Admit~to Event
Antibiotic Therapy at Time of Transfer?
CDI Assay
Date of Last Transfer from Acute Care Facility

Up

Down

Undo

SORTING VARIABLES

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names ([Print List](#))

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format Time Period Filters Display Variables **Sort Variables** Display Options

Sort Variables:

Available Variables:		Selected Variables:	
Age on Event Date	All >>	Event Date	Up
Antibiotic Therapy at Time of Transfer?	Selected >		Down
CDC Location	< Selected		
CDC Location Description			
CDI Assay	<< All		Undo
CMS Certification Number			
Comment			
Complete?			
Create Date			
Created in NHSN Version			
Date of Birth			
Date of Current Admission			
Date of First Admission			
Date of Last Transfer from Acute Care Facility			
Date of Transfer to Acute Care Facility			

List of all variables available for sorting

List of variable(s) that will be used to sort the table

DISPLAY OPTIONS

Modify "Line Listing - All CDI LabID Events"

Show descriptive variable names ([Print List](#))

Analysis Data Set: ItcLabID_Events

Type: Line Listing

Data Set Generated On: 07/09/2019 10:02:00

Title/Format

Time Period

Filters

Display Variables

Sort Variables

Display Options

Line Listing Options:

Page by variable:

Facility Org ID
Resident ID
Date of Current Admission
Event ID
Event Date
Specific Organism
Specimen Source
Location
Transferred from Acute Care Facility in Past 4 Weeks?
Onset
Onset Description
Days: Admit~to Event
Antibiotic Therapy at Time of Transfer?
CDI Assay
Date of Last Transfer from Acute Care Facility

Modifies how the report is displayed (i.e. by OrgID, eventDate)

DISPLAY OPTIONS

Show descriptive variable names [\(Print List\)](#)

Analysis Data Set: ItcLabID_Events Type: Line Listing Data Set Generated On: 07/09/2019 10:02:00

Title/Format Time Period Filters Display Variables Sort Variables **Display Options**

Line Listing Options:

Page by variable: ▼

Run Save... Export... Close



DISPLAY OPTIONS (report name in custom folder)

Show descriptive variable names ([Print List](#)) Analysis Data Set: ItcLabID_Events Type: Line Listing Data Set Generated On: 07/09/2019 10:02:00

Title/Format Time Period Filters Display Variables Sort Variables **Display Options**

Line Listing Options:


Page by variable: ▼

Specify a name for your Analysis Report:

Analysis Report Name:

Overwrite existing Custom Analysis Report (Save)

Create a new Custom Analysis Report based on this one (Save as)



SAVED CUSTOM REPORTS: *RUN REPORT*

Analysis Reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - Line Listing - All CDI LabID Events
 - Rate Tables for CDI LabID Event Data
 - Custom Reports
 - Emungai - Line Listing - All CDI LabID Events-- 2019 LTC training
 - All Run Report
 - All Modify Report
 - All Delete Report
 - All Export Data Set
 - All Publish Report
 - All Rename Report

CUSTOMIZED LINE LISTING

As of: July 9, 2019 at 12:30 PM

Date Range: LTCLABID_EVENTS eventDate 07/01/2018 to 12/01/2018

Date of Last Transfer from Acute Care Facility=.

Facility Org ID	Resident ID	Date of Current Admission	Event ID	Event Date	Specific Organism	Antibiotic Therapy at Time of Transfer?	CDI Assay	Date of Last Transfer from Acute Care Facility
17900	235123	06/05/2018	4281	07/18/2018	CDIF		Incident	.
17900	111111	01/01/2015	4286	08/07/2018	CDIF		Incident	.
17900	NT345345	07/03/2018	4276	08/08/2018	CDIF		Incident	.
17900	12345	08/09/2018	4325	08/11/2018	CDIF		Incident	.
17900	123456	03/07/2018	4285	09/02/2018	CDIF		Incident	.
17900	33333	06/07/2018	4278	09/03/2018	CDIF		Incident	.
17900	777777	08/25/2017	4282	09/10/2018	CDIF		Incident	.
17900	273245	08/13/2018	4283	09/12/2018	CDIF		Incident	.
17900	456239	08/06/2018	4280	09/12/2018	CDIF		Incident	.
17900	22222	05/10/2018	4277	09/14/2018	CDIF		Incident	.
17900	424242	10/10/2017	4279	09/19/2018	CDIF		Incident	.

1. cdiAssay is "Incident" for any CDI LabID Event from a specimen obtained > 56 days after the most recent CDI LabID Event, or where no previous CDI LabID Event has been entered for that resident.

2. cdiAssay is "Recurrent" for any CDI LabID Event from a specimen obtained > 14 days and =< 56 days after the most recent CDI LabID Event for that resident.

Sorted by eventDate

Data contained in this report were last generated on July 9, 2019 at 10:02 AM.

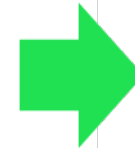
PUBLISH A CUSTOM REPORT

- Allows other users in the facility to view the table
- Others users can view but not modify published reports

Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - Line Listing - All CDI LabID Events
 - Rate Tables for CDI LabID Event Data
 - Custom Reports
 - Emungai - Line Listing - All CDI LabID Events-- 2019 LTC training
 - All ...
 - All ...
 - All ...
 - All ...
 - All ...
 - All ...
 - All ...
 - HAI Mo

Run Report
Modify Report
Delete Report
Export Data Set
Publish Report
Rename Report

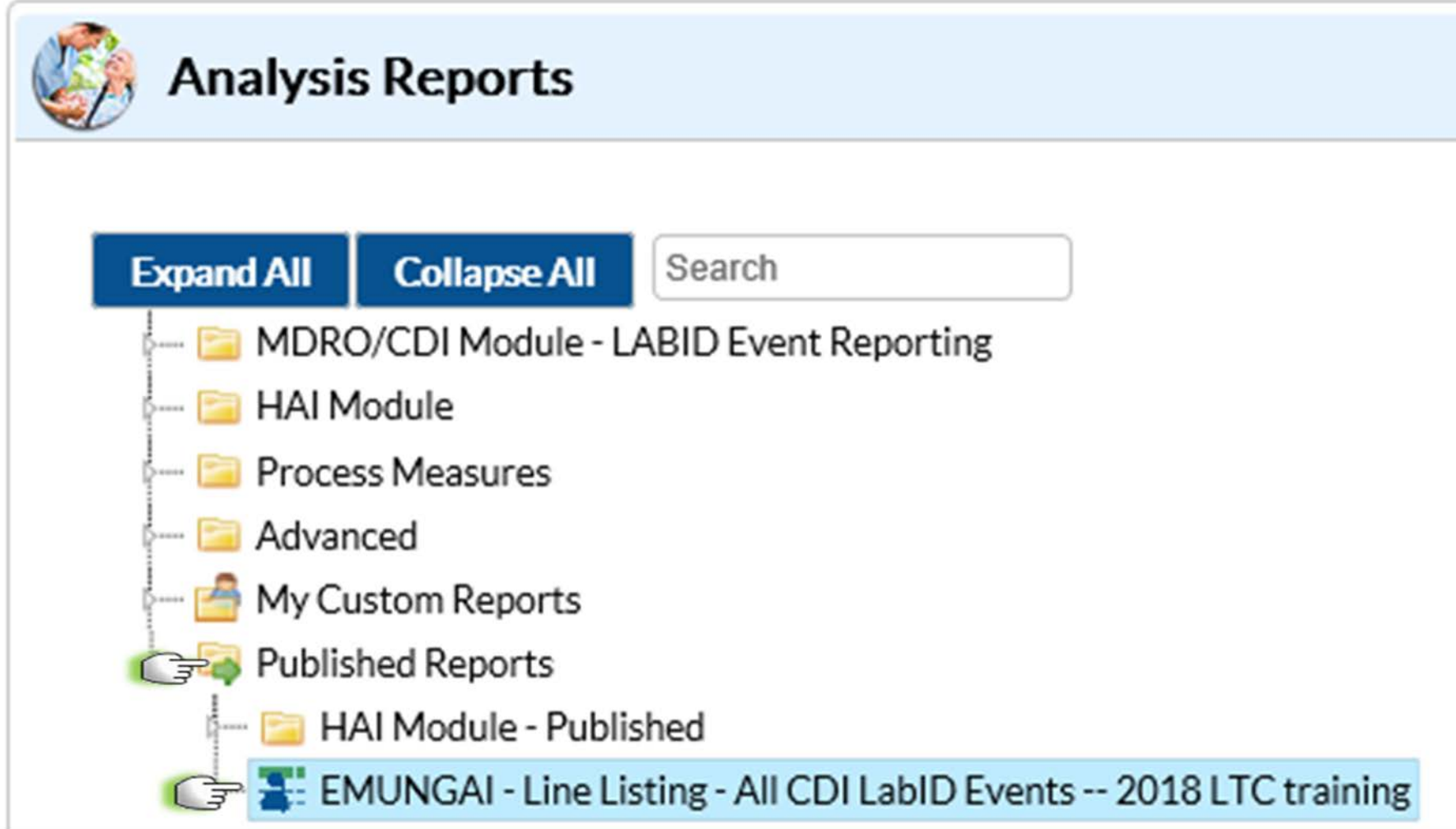


Expand All Collapse All Search

- MDRO/CDI Module - LABID Event Reporting
 - All LabID Events
 - All MRSA LabID Events
 - All MSSA LabID Events
 - All C. difficile LabID Events
 - Line Listing - All CDI LabID Events
 - Rate Tables for CDI LabID Event Data
 - Custom Reports
 - Emungai - Line Listing - All CDI LabID Events-- 2019 LTC training
 - All Acinetobacter LabID Events

Please confirm
Are you sure you want to publish this report to all users in this facility?
OK Cancel

ACCESSING PUBLISHED REPORT



The image shows a navigation menu for 'Analysis Reports'. At the top left is a circular icon of three people. The title 'Analysis Reports' is in bold black text. Below the title are two blue buttons: 'Expand All' and 'Collapse All', followed by a search box labeled 'Search'. A vertical list of items follows, each with a folder icon and a text label. The items are: 'MDRO/CDI Module - LABID Event Reporting', 'HAI Module', 'Process Measures', 'Advanced', 'My Custom Reports', 'Published Reports', 'HAI Module - Published', and 'EMUNGAI - Line Listing - All CDI LabID Events -- 2018 LTC training'. A hand cursor is pointing at the 'Published Reports' item, and another hand cursor is pointing at the 'EMUNGAI...' item, which is highlighted with a light blue background.

Analysis Reports

Expand All **Collapse All** Search

- MDRO/CDI Module - LABID Event Reporting
- HAI Module
- Process Measures
- Advanced
- My Custom Reports
- Published Reports
- HAI Module - Published
- EMUNGAI - Line Listing - All CDI LabID Events -- 2018 LTC training

GENERAL TIPS FOR ANALYZING DATA IN NHSN

- Develop a timeline to regularly analyze facility data entered into NHSN
 - Consider a frequency that would allow for timely feedback and interventions if necessary
 - Example: Monthly review of rates and event-level details
- Generate datasets regularly
- Read the footnotes on your reports
- Review data for accuracy and completeness

NHSN RESOURCES:

Long-term Care Facility Component

- ❖ NHSN LTCF website: <https://www.cdc.gov/nhsn/ltc/index.html>
- ❖ NHSN LTCF Surveillance for *C. difficile*, MRSA, and other Drug-resistant Infections website: <https://www.cdc.gov/nhsn/ltc/cdiff-mrsa/index.html>
 - ❖ Training
 - ❖ Protocols
 - ❖ Data collection forms
 - ❖ Tables of instructions for completing all forms
 - ❖ Key terms

Questions or Need Help? Contact User Support at nhsn@cdc.gov (include “LTCF” in subject line)