




Patient Safety Component MDRO/CDI Module LabID Event Reporting: Locations and FacWideIN reporting in Acute Care Hospitals

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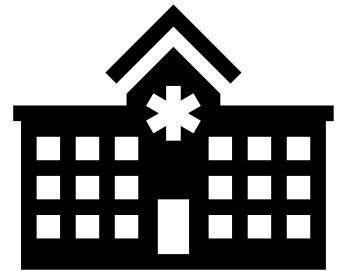
March 2022

Objectives

- Define FacWideIN and where it is used in NHSN's MDRO/CDI module
 - Identify locations that are not covered by FacWideIN
 - Understand how LabID events and summary data are reported for FacWideIN
 - Walk through FacWideIN reporting through NHSN analysis reports
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What is FacWideIN?


- FacWideIN stands for Facility-wide inpatient
- It is a location group identifier used to cover all inpatient locations physically located in the facility where denominator data are collected
 - ICUs, Wards, Step-down, Mixed Acuity, etc.
- Cannot be mapped in the location manager



Where do we see FacWideIN?

- Selection on monthly reporting plans

Multi-Drug Resistant Organism Module


Locations		Specific Organism Type					
	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) ▼	▼					

Process and Outcome Measures

Infection Surveillance	AST-Timing	AST-Eligible	Incidence	Prevalence	Lab ID Event All Specimens	Lab ID Event Blood Specimens Only	HH	GG
<input type="checkbox"/>	▼	▼	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Where do we see FacWideIN?

- Monthly summary/denominator form

 **MDRO and CDI Monthly Denominator Form**

Mandatory fields marked with *

[Print Form](#)

Facility ID *: DHQP Memorial Hospital (ID 10000) ▾

Location Code *: FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) ▾

Month *: January ▾

Year *: 2022 ▾

General

Line 1: Setting: Inpatient Total Facility Patient Days *: Total Facility Admissions *: ← All inpatient units

Line 2: If your facility has a CMS-certified rehab unit (IRF) or CMS-certified psych unit (IPF), please subtract these counts from "Total Facility Patient Days" and "Total Facility Admissions" (Line 1).
If you do not have these units, enter the same values you entered on Line 1.
Counts= [Total Facility - (IRF + IPF)]

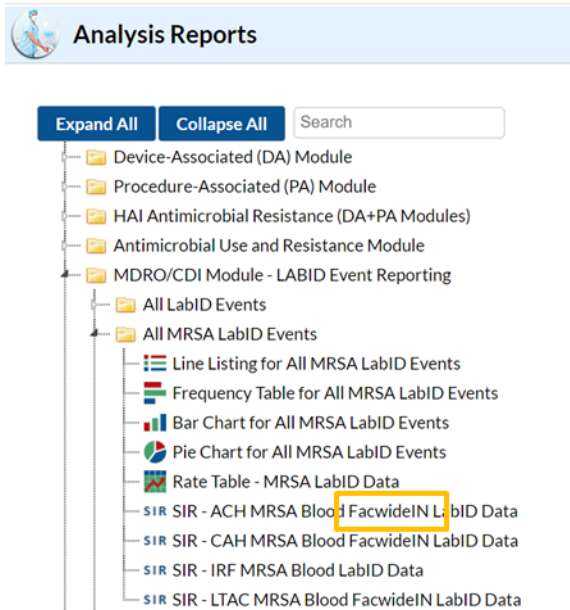
Patient Days *: Admissions *: ← Location exclusions

Line 3: If your facility has a CMS-certified IRF, CMS-certified IPF, NICU, or Well Baby Unit, please subtract those counts from "Total Facility Patient Days" and "Total Facility Admissions" (Line 1).
If you do not have these units, enter the same values you entered on Line 1.
Counts= [Total Facility - (IRF + IPF + NICU + Well Baby Unit)]

Patient Days *: Admissions *: ← Location exclusions

Where do we see FacWideIN?

- Analysis Reports: Rate Tables and SIR Reports
 - LabID MRSA and CDI SIRs are calculated at the FacWideIN level



The screenshot shows a navigation menu titled "Analysis Reports" with a globe icon. Below the title are two buttons: "Expand All" and "Collapse All", followed by a search input field. The menu is expanded to show a tree structure of folders and reports. The folders include "Device-Associated (DA) Module", "Procedure-Associated (PA) Module", "HAI Antimicrobial Resistance (DA+PA Modules)", "Antimicrobial Use and Resistance Module", and "MDRO/CDI Module - LABID Event Reporting". Under "MDRO/CDI Module - LABID Event Reporting", there are two sub-folders: "All LabID Events" and "All MRSA LabID Events". The "All MRSA LabID Events" folder is expanded to show several reports: "Line Listing for All MRSA LabID Events", "Frequency Table for All MRSA LabID Events", "Bar Chart for All MRSA LabID Events", "Pie Chart for All MRSA LabID Events", "Rate Table - MRSA LabID Data", "SIR SIR - ACH MRSA Blood FacwideIN LabID Data", "SIR SIR - CAH MRSA Blood FacwideIN LabID Data", "SIR SIR - IRF MRSA Blood LabID Data", and "SIR SIR - LTAC MRSA Blood FacwideIN LabID Data". The "Rate Table - MRSA LabID Data" and "SIR SIR - ACH MRSA Blood FacwideIN LabID Data" items are highlighted with a yellow box.

ED and 24-hour observation locations for ACHs

- Emergency departments and 24-hour observation units are not covered by the FacWideIN location group
 - Added separately to the MDRO/CDI section of monthly reporting plan
 - Separate monthly summary form
- When following FacWideIN LabID event reporting, ED and 24-hour observation units also need to be followed because data from these units are used in risk adjustment for SIRs
 - Includes affiliated off-site EDs
 - Outpatient community-onset prevalence rate

CMS-Certified IRF and IPF units

- Special case: Inpatient units that have a separate CMS certification number (CCN)
 - Included in total facility patient days and admission counts (Line 1) of the FacWideIN summary form
 - Added separately to the MDRO/CDI section of monthly reporting plan, if applicable
 - Separate monthly summary form for unit-specific denominator
- CMS IRF unit within a hospital: if following CDI LabID event reporting for CMS Inpatient Rehabilitation Facility Quality Reporting (IRFQR)
 - Numerator and denominator data are separate from the hospital's FacWideIN CDI SIR to calculate IRF SIR

IRF = Inpatient Rehabilitation Facility; IPF = Inpatient Psychiatric Facility

What about LabID Events?

- Individual LabID events are reported at the location level
 - Cannot select FacWideIN on the LabID event form
 - SIR numerator algorithms use locations to determine which LabID events are counted in the FacWideIN SIR numerator
 - Events collected in CMS-certified IRF and IPF units are excluded
- Report No Events checkbox
 - Indicate when there no events to report for FacWideIN
 - Separate No Events checkbox for ED and 24-hour Observation Units

'Report No Events' checkbox

- Located on the monthly summary form
- Alerts
 - If no LabID event was reported in any inpatient location, check 'Report No Events' Box on FacWideIN summary form
 - Events that were reported in ED/OBS locations are not covered by the FacWideIN location group
 - Separate summary form and separate 'Report No Events' checkbox
- Note: If a facility does not appropriately check 'Report No Events,' that month's data will be excluded from the SIR calculations

FAQ: Why do I need to check the Report No Events box when my facility reported a CDI event this month?

- Action: Check CDI LabID event Line Listing report for the month
- Example: One CDI LabID event was reported in outpatient unit
- Alert is correct: Report No Events box should be checked on the FacWideIN summary form *if* the only CDI event reported for the month was in the emergency department
- Report No Events box does *not* need to be checked on the ED summary form

Organism Selection/Confirmation of No Events								
Specific Organism Type	MRSA	Report No Events	CDIF	Report No Events	MSSA	Report No Events	CephR-Kleb	Report No Events
Infection Surveillance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LabID Event (All specimens)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> *	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LabID Event (Blood specimens only)	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Follow FacWideIN reporting through
NHSN analysis reports**

Line Listing Report

National Healthcare Safety Network

Line Listing - All CDIF LabID Events

As of: March 4, 2022 at 3:50 PM

Date Range: LABID_EVENTS specDateYQ 2021Q1 to 2021Q1

if ((specOrgType = "CDIF"))

orgID	patID	eventID	spcOrgType	location	outpatient	prevPos	onset	cdiAssay	admitDate	locationAdmitDate	specimenSource	specimenDate	FWCDIF_facIncHOCCount	FWCDIF_admPrevCOCCount
10401	1937539	106315	CDIF	ICU	N	N	HO	INCIDENT	03/07/2021	03/07/2021	STOOL	03/10/2021	1	0
10401	589300	106316	CDIF	ED1	Y	N	CO	INCIDENT	.	.	STOOL	02/17/2021	0	1
10401	5994789	106317	CDIF	OBS	Y	N	CO	INCIDENT	.	.	STOOL	02/25/2021	0	1
10401	9898099	106318	CDIF	MED	N	N	HO	INCIDENT	01/13/2021	01/13/2021	STOOL	01/19/2021	1	0

orgID	patID	eventID	spcOrgType	location	outpatient
10401	1937539	106315	CDIF	ICU	N
10401	589300	106316	CDIF	ED1	Y
10401	5994789	106317	CDIF	OBS	Y
10401	9898099	106318	CDIF	MED	N

Included in
FacWideIN
location group

Fictitious data used for illustrative purposes only.

Summary Data Line Listing Report

National Healthcare Safety Network

Line Listing for All Summary Data

As of: March 4, 2022 at 3:48 PM

Date Range: PSSUMMARY summaryYM 2021M01 to 2021M03

if (((eventType = "CDIF") AND (location IN ("FACWIDEIN", "OBS", "ED1"))))

orgid	summaryYM	summarytype	location	loccdc	eventtype	birthwtcode	numpatdays	numddays	cdiTestMeth	numTotAdm	numTotPatDays	numTotEncounters	numCdifAdm	numCdifPatDays
10401	2021M01	MDRO	FACWIDEIN		CDIF		2500	.		250	2500	.	250	2500
10401	2021M01	MDRO	OBS	OUT.ACUTE:WARD	CDIF		.	.		.	.	30	.	.
10401	2021M01	MDRO	ED1	OUT.ACUTE:ED	CDIF		.	.		.	.	50	.	.
10401	2021M02	MDRO	FACWIDEIN		CDIF		2099	.		650	2099	.	650	2099
10401	2021M02	MDRO	OBS	OUT.ACUTE:WARD	CDIF		.	.		.	.	20	.	.
10401	2021M02	MDI					.	.		.	.	60	.	.
10401	2021M03	MDI					.	.		.	.	30	.	.
10401	2021M03	MDI	10401	2021M01	MDRO	FACWIDEIN			EIA	150	1500	.	150	1500
10401	2021M03	MDI	10401	2021M01	MDRO	OBS				.	.	60	.	.
			10401	2021M01	MDRO	ED1								
			10401	2021M02	MDRO	FACWIDEIN								
			10401	2021M02	MDRO	OBS								
			10401	2021M02	MDRO	ED1								
			10401	2021M03	MDRO	OBS								
			10401	2021M03	MDRO	FACWIDEIN								
			10401	2021M03	MDRO	ED1								

Fictitious data used for illustrative purposes only.

SIR Report

National Healthcare Safety Network

SIR for CDI FacwideIN LabID in Acute Care Hospital (2015 baseline)

As of: March 4, 2022 at 3:45 PM

Date Range: BS2_LABID_RATESCDIF summaryYQ 2021Q1 to 2021Q1

orgID=10401 medType=''

orgID	con	location	summaryYQ	months	CDIF_facIncHOCcount	numPred	numpatdays	SIR	SIR_pval	sir95ci	SIR_pctl
10401	999999	FACWIDEIN	2021Q1	3	2	2.339	6099	0.855	0.9078	0.143, 2.825	82

Fictitious data used for illustrative purposes only.

Resources

- How to setup FacWideIN LabID Event Reporting:
<https://www.cdc.gov/nhsn/pdfs/cms/how-to-set-up-and-report-mrsa-cdi.pdf>
- How to report FacWideIN denominator data:
<https://www.cdc.gov/nhsn/pdfs/cms/acutecare-mrsa-cdi-labiddominator-reporting.pdf>
- Troubleshooting the MRSA bacteremia and CDI LabID Event SIR: https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/mrsacdi_tips.pdf

**For any questions or concerns,
contact the NHSN Helpdesk at nhsn@cdc.gov**



For more information please contact Centers for Disease Control and Prevention
1600 Clifton Road NE, Atlanta, GA 30333
Telephone, 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348
E-mail: cdcinfo@cdc.gov Web: 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.