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

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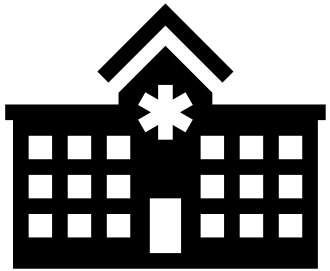
Objectives

- 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

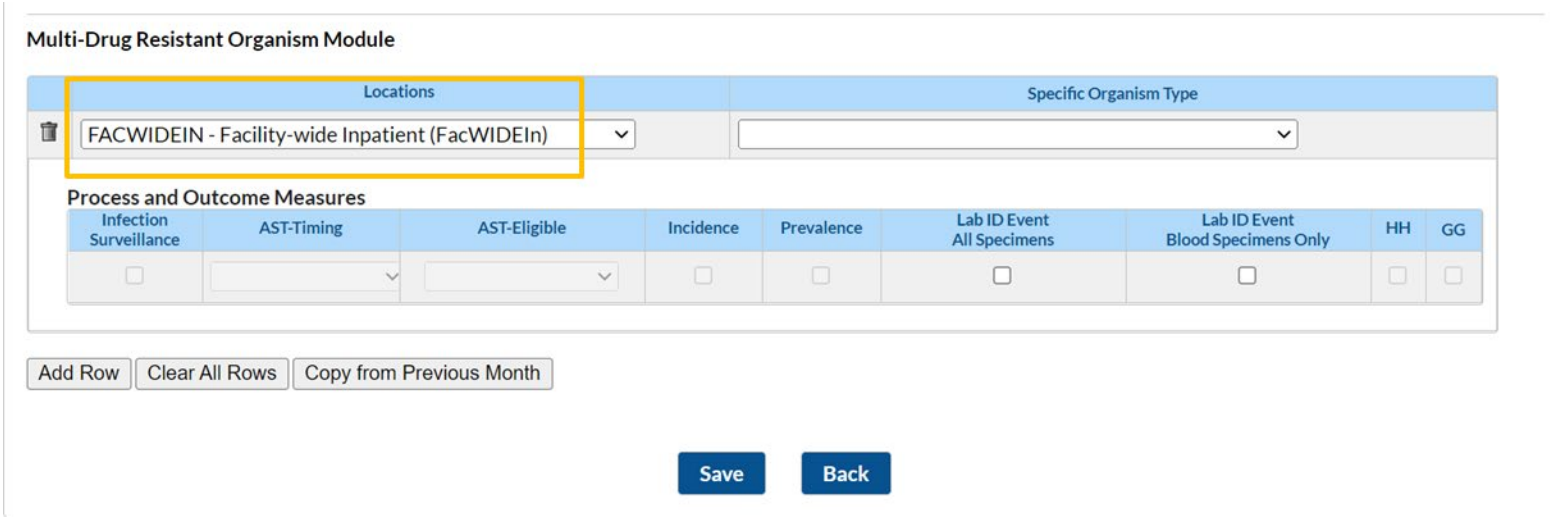
What is FacWideIN?

- 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



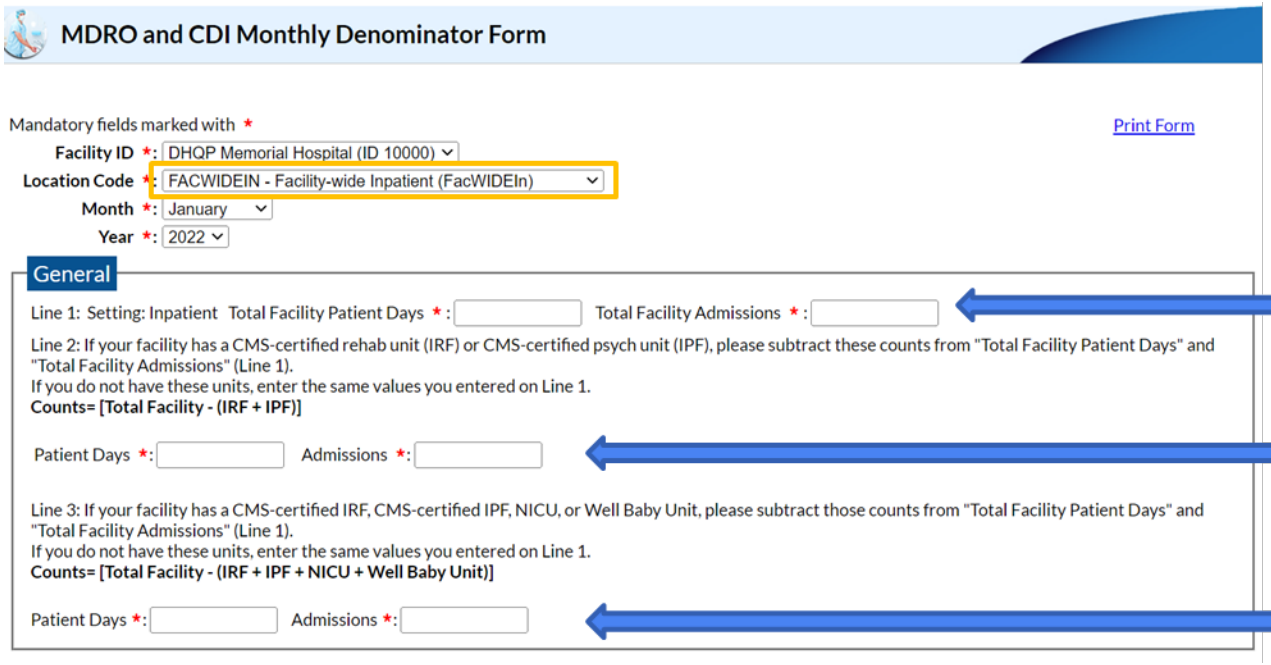
Where do we see FacWideIN?

- Selection on monthly reporting plans



Where do we see FacWideIN?

- Monthly summary/denominator form



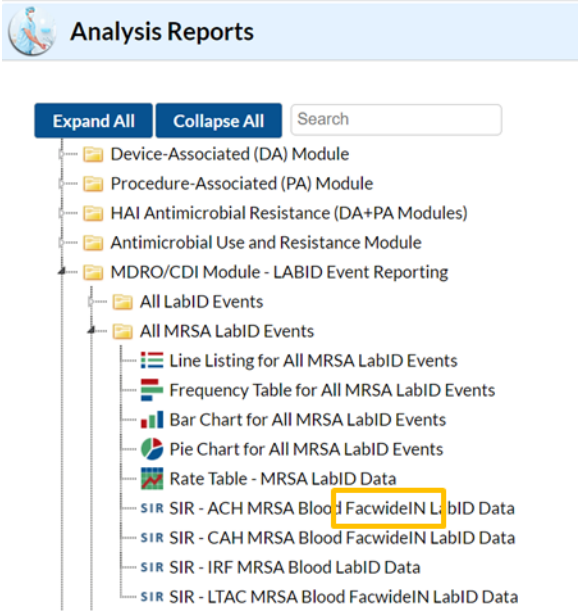
All inpatient units

Location exclusions

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



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	☐	☐	☐	☐	☐	☐	☐	☐
LabID Event (All specimens)	☐	☐	* ☑	☐	☐	☐	☐	☐
LabID Event (Blood specimens only)	☐	☐			☐	☐	☐	☐

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 (((spcOrgType = "CDIF")))

orgID	patID	eventID	spcOrgType	location	outpatient	prevPos	onset	cdiAssay	admitDate	locationAdmitDate	specimenSource	specimenDate	FWCDIF_facIncHOCount	FWCDIF_admPrevCOCount
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							EIA	150	1500	.	150	1500
10401	2021M03	MDI										60		

orgid	summaryYM	summarytype	location	loccdc
10401	2021M01	MDRO	FACWIDEIN	
10401	2021M01	MDRO	OBS	OUT:ACUTE:WARD
10401	2021M01	MDRO	ED1	OUT:ACUTE:ED
10401	2021M02	MDRO	FACWIDEIN	
10401	2021M02	MDRO	OBS	OUT:ACUTE:WARD
10401	2021M02	MDRO	ED1	OUT:ACUTE:ED
10401	2021M03	MDRO	OBS	OUT:ACUTE:WARD
10401	2021M03	MDRO	FACWIDEIN	
10401	2021M03	MDRO	ED1	OUT:ACUTE:ED

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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	co..	location	su..maryYQ	months	CDIF_facIncHOCount	numPred	numpatdays	SIR	SIR_pval	sir95ci	SIR_pctl
10401	999..99	FACWIDEIN	2021Q1	3	2	2.339	6099	0.855	0.9078	0.143, 2.825	82

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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-labiddenominator-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.