National Center for Emerging and Zoonotic Infectious Diseases

NHSN

Patient Safety Component Data Entry

Data Entry for Monthly Reporting Plans Patient Information Linking Records

National Center for Emerging and Zoonotic Infectious Diseases Division of Healthcare Quality Promotion

Audience

- Those who will enter information into the Patient Safety Component of NHSN
- NHSN group users who want to understand the data entry process

Learning Objectives

By the end of this learning event you will be able to:

- Add and Save a Monthly Reporting plan
- Enter Data into data fields in each type of NHSN record
- Link Procedures to SSI Events

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 - Creating a Monthly Reporting Plan
 - Importing AUR Data
- Editing, Finding and Deleting Patient Records
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 - Finding a Patient

Editing and Deleting records

LOG INTO NHSN

Log Into NHSN

- Go to https://sams.cdc.gov
- Use your grid card to log in
- Click on NHSN Reporting



NHSN Landing Page

- Select your component from the drop-down menu
- Select the facility/group
- Click Submit

CDC 24/7: Saving Lives, Protecting People™
NHSN - National Healthcare Safety Network
Welcome to the NHSN Landing Page
Select component: Patient Safety * Select facility/group: Fac: DHQP Memorial Hospital (ID 10000) *

NHSN Patient Safety Home Page

 User rights determine which navigation bar options are available

CDC Centers for Disease Control and Prevention CDC 24/7: Saving Lives, Protecting People™							
NHSN - National Healthcare Safety Network							
NHSN Home Alerts	NHSN Patient Safety Component Home Page						
Reporting Plan Patient	COMPLETE THESE ITEMS						
Event Procedure	Survey Required						
Summary Data Import/Export	2010						
Surveys							
Users Facility	Assurance of Confidentiality: The voluntarily provided information obtained in this surveillance system that would permit identification of any individual or in accordance with Sections 304, 306 and 308(d) of the Public Health Service Act (42 USC 242b, 242k, and 242m(d)).						
Group Logout	Get Adobe Acrobat Reader for PDF files						

Reporting Overview

Before data can be reported to NHSN:

- **1**. Your facility must be enrolled and activated
- 2. Facility Set-up must be complete. Find required Facility Set-Up training here under Patient Safety Component:

https://www.cdc.gov/nhsn/training/enrollment-setup/index.html

Adding and Saving MONTHLY REPORTING PLANS

Monthly Reporting Plan

The Monthly Reporting Plan (MRP)

 Indicates to CDC which Patient Safety Component surveillance modules your facility intends to use

TIP: You will specify which months your facility will be doing surveillance

- Needs to be added for every month of the year
 TIP: You can add up to one year of Monthly Reporting plan in advance
- For each event type entered in the MRP, data must be collected and reported according to the NHSN protocols, using NHSN definitions and instructions.

Add Monthly Reporting Plan

To Add a Monthly Reporting Plan

- Click Reporting Plan
- Click Add

NHSN Home	NHSN Patient Safety Component Home Page					
Alerts						
Reporting Plan	Add					
Patient 🕨	Find					

Add Monthly Reporting Plan

The Monthly Reporting Plan Options

- Specific Plan
- "No Modules Followed" Plan

	Centers for Disease Control and Prevention CDC 24/7: Saving Lives, Protecting People™					
NHSN - Na	tiona	l Healthcare Safety Network				
NHSN Home		K Add Monthly Reporting Plan				
Alerts Poporting Plan						
Patient	- '	Mandatory fields marked with * Facility ID *: [DHQP Memorial Hospital (ID 10000)				
Event		Month *: June				
Procedure	•	Year *; 2017 V				
Summary Data	•					
Import/Export		Save Back				
Surveys	•	TIP: If you are not following any plans for a particular				
Analysis	•	month click the "No NHSN Patient Safety Modules				
Users	•	Followed this Month" has a therwise complete the				
Facility	•	rest of the plan. (This option should only be used if				
Group	•	you are NOT monitoring anything for the month)				
Logout						

Add Monthly Reporting Plan

No Data Found

 If a plan has not yet been saved for the month/year you have selected, the message "No data found for the month/year" popup alert will appear. Click OK.

CDC Cente CDC 24	ers f 1/7: Sc	for Disease Control and Prevention aving Lives, Protecting People™				
NHSN - National Healthcare Safety Network						
NHSN Home		Add Monthly Reporting Plan				
Reporting Plan	•	Mandatory fields marked with *	Alert			
Patient	۱.	Facility ID *: DHQP Memorial Hospital (ID 10000) V	No data found for June, 2017			
Event	۱.	Month *: June V Year *: 2017 V	OK			
Procedure	•	No NHSN Patient Safety Modules Followed this Month				
↑						
TIP: Indicates a plan has not been saved for this month/year						

Surveillance Plan Options

Select a Location

In order to select a location, you will need to first set up the unit/locations. Once you enter your units/locations they will display in the Locations dropdown menu.

For the Device-Associated Module:

- Choose the mapped location you wish to monitor.
- 2. Next, select the device you choose to monitor



Surveillance Plan Options

Add Row and Clear All Rows Features

- To add a row, which will allow you to enter more locations into that specific module, click the Add Row button
- To delete all rows within that specific module, click Clear All Rows button

Device-Associated Module								
	Locations	CLABSI	VAE	CAUTI	CLIP	PedVAP (<18 years)		
Ť	3 CENTRAL - 3 CENTRAL	\checkmark		\checkmark				
Ŵ	5 WEST - 5 WEST 🗸	~		~				
Ť	NICU 3 - LEVEL 3 NICU 💙	✓						
Ad	d Row Clear All Rows Copy from Previous Month					·		

Surveillance Plan Options

Delete Location and Copy from Previous Month features

- To delete a location, click the trash can icon to delete the associated row
- To copy data entered for that module from the previous month into a new month's plan, click the Copy from Previous Month button

Device-Associated Module								
	Locations	CLABSI	VAE	CAUTI	CLIP	PedVAP (<18 years)		
Ē	3 CENTRAL - 3 CENTRAL	\checkmark		\checkmark				
Ŵ	5 WEST - 5 WEST	\checkmark		\checkmark				
Ť	NICU 3 - LEVEL 3 NICU	\checkmark						
Add Row Clear All Rows Copy from Previous Month								

Surveillance Plan Options: Procedure Associate Module

Select the Surgical Procedure and Patient Procedure location

- For the Procedure Associated Module you wish to follow, choose the surgical procedure and click the Procedures down arrow
- For the patient procedure SSI location, **add** a check mark in the IN box for inpatient procedures, OUT for outpatient procedures, or both.

Procedure-Associated Module							
Procedures	SSI						
Image: COLO - Colon surgery	IN: ☑ OUT: 🗆						
Image: Image	IN: 🗹 OUT: 🗌						
Add Row Clear All Rows Copy from Previous Month							

Creating Multi-drug Resistant Organisms Surveillance Plan

Surveillance Plan Options: Multi-Drug Resistant Organism (MDRO) Module

Steps to create MDRO Module

- **1. Select** the location to monitor.
- 2. Select the Specific Organism Type.
- 3. If reporting Lab ID events, **select** the specimen source.

		Locat	tions		Specific Organism Type				
Ť	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) 1				2				
	Process and Outcom	e Measures	and all a			Lab ID Event	Lab ID Event		
	Surveillance	AS1-Timing	AS1-Eligible	Incidence	Prevalence	All Specimens	Blood Specimens Only	нн	GG
		\checkmark	\checkmark						
Ť	0909 - 0909		\checkmark		1RSA - MRSA	~		3	
	Process and Outcom								
	Infection Surveillance	AST-Timing	AST-Eligible	Incidence	Prevalence	Lab ID Event All Specimens	Lab ID Event Blood Specimens Only	нн	GG
		~	×				V		
1 4									

Multi-Drug Resistant Organism Module

Save Monthly Reporting Plan

To Save a Monthly Reporting Plan

- Scroll to bottom of page
- Click Save

A confirmation message displays at the top of the screen when the Monthly Reporting Plan has been saved successfully.

Add Monthly Reporting Plan	
Plan created successfully.	
ໄ∂ Mandatory fields marked with ★	
Facility ID *: DHQP Memorial Hospital (ID 10000) 🗸	

Reporting: CLABSI, CAUTI, VAE, AND OTHER DEVICE ASSOCIATED DATA

When monitoring Device-Associated Events, e.g., CLABSI, CAUTI, VAE, etc., facilities must do the following:

- Complete a monthly summary data form (denominator data) for the locations monitored, including checking the "Report No Events" boxes for months in which no events occurred
- Enter all events specified in the reporting plan that occur in the monitored locations
- Clear up all missing and incomplete alerts on the "Alerts" screen

NOTE: Summary data = denominator data

Requirements for Data Fields

- All fields marked with a red asterisk (*) are required, and must be completed
- Some fields are conditionally required when the requirement depends on one of the following:
 - Response given in another field
 - Events identified in your Monthly Reporting Plan
- Other fields are "optional" because NHSN does not require the data, and the information will not be used.

- **To Enter Device-Associated Events**
- Select Events
- Select Add



To Enter Device-Associated Events

 Complete all required fields, marked with a asterisk (*) in the Patient Information and Event Information sections

NOTE: If this is a Medicare patient, you must complete the Medicare # field

💑 Add Event	
Mandatory fields marked with *	
Fields required for record completion marked with ** Fields required when in Plan marked with >	
Patient Information	
Facility ID *: DHQP Memorial Hospital (ID 10000) 🗸	Event #:
Patient ID *: Find Find Events for Patient	Social Security #:
Secondary ID:	Medicare #:
Last Name:	First Name:
Middle Name:	·
Gender *: V	Date of Birth *:
Ethnicity:	
Race: 🗌 American Indian/Alaska Native 🛛 Asian	
Black or African American Native Hawaiian/Other Pacific Islander	
□ White	
Event Information	
Event Type *: 🗸 🗸	Date of Event *:

To Enter Device-Associated Events

- From the Event Type drop down menu, select the type of device- associated event that you are reporting.
- Once selected, complete all required fields in the Risk Factors, Event Details, and Pathogens sections.



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- **To Save Device-Associated Events**
- Scroll to bottom of page
- Click Save

A confirmation message displays at the top of the screen when the Patient file has been created and saved successfully.



To Add Patient Safety Summary Data

- Click Summary Data
- Click Add



To Add Device-associated Summary Data

- Select Device Associated Intensive Care Unit/Other Locations from the Summary Data Type drop-down menu.
- Click Continue button



Steps to Add Summary Data for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)

- Select location being monitored from the Location Code drop-down menu
- Select the Month and Year that you are monitoring for the selected location

🗼 Denominators for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)						
Mandatory fields marked with * Facility ID *: DHQP Memorial I Location Code *: CMICU_N - CARI Month *: March Year *: 2017	Hospital (ID 10000) 🗸 DIAC ICU	M				
		Sample Values	For Estimating Denominator Data			
	Report No Events		Check Box(es) if Sampling Used			
Total Patient Days *:		Sample Patient Days:				
Central Line Days *:	CLABSI:	Sample Central Line Days:				
Urinary Catheter Days *:	CAUTI:	Sample Urinary Catheter Days:				
Ventilator Days *:						
APRV Days *:	VAE:					
Episodes of Mechanical Ventilation:	PedVAP:					

Steps to Add Summary Data for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)

- Enter information in required fields
 - Fields without an asterisk are not required, but can be entered.

Senominators for Int	ensive Care Unit ((ICU)/Other locations (not NICU or	SCA)
Mandatory fields marked with * Facility ID *: DHQP Memorial H Location Code *: CMICU_N - CARE Month *: March Year *: 2017 ✓	Iospital (ID 10000) V	~	
	Report No Events	Sample Values	For Estimating Denominator Data Check Box(es) if Sampling Used
Total Patient Days *:		Sample Patient Days:	
Central Line Days *:	CLABSI:	Sample Central Line Days:	
Urinary Catheter Days *: Ventilator Days *:	CAUTI:	Sample Urinary Catheter Days:	
APRV Days *:	VAE:		
Episodes of Mechanical Ventilation:	PedVAP:		

Steps to Add Summary data for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)

- To confirm that no events have been submitted for the month, Add a check mark to the appropriate box if open for entry (white).
- If an event is identified for the month, the appropriate box is grayed out and not available for entry.

		hit (ICU)/Other locations (not NICU or S	SCA)
Mandatory fields marked with * Facility ID *: DHQP Memorial Ho Location Code *: CMICU_N - CARDI/ Month *: March ~ Year *: 2017 ~	spital (ID 10000) 🗸 AC ICU	$\overline{}$	
[Report No Events	Sample Values F	or Estimating Denominator Data Check Box(es) if Sampling Used
Total Patient Days *: Central Line Days *: Urinary Catheter Days *: Ventilator Days *: APRV Days *: Episodes of	CLABSI: CAUTI: VAE:	Sample Patient Days: Sample Central Line Days: Sample Urinary Catheter Days:	

Save Denominators for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)

- Scroll to bottom of page
- Click Save

A confirmation message displays at the top of the screen when the Patient file has been created and saved successfully.



Denominators for Intensive Care Unit (ICU)/Other locations (not NICU or SCA)

ICU Summary updated successfully. Successfully updated PSSummaryICU record.

To Add Patient Safety Summary Data

- Select Device Associated Neonatal Intensive Care Unit from the Summary Data Type drop-down menu.
- Click Continue button



Monthly Device-Associated Reporting: Adding Summary Data to NICU Locations

To Add Patient Safety Summary Data

- Complete required Fields marked with an asterisk (*)
 - Location code
 - Month
 - Year

Location Co Moi Ye	ode *: NICU nth *: March ear *: 2017	3 - LEVEL 3	NICU	~				
Birth Wt.	Patient Days *	CL Days *	No CLABSI	Vent Days	No PedVAP	UrC Days		
<=750	3	3		3	V	2		
751-1000	25	25		25		0		
1001-1500	1	1	✓	0	~	0		
1501-2500	10	10		10		0		
>2500	2	2		2	V	0	ļ	
Custom Field	s 🕢 Help							
Monthly Device-Associated Reporting: Adding Summary Data to NICU Locations

To Add Patient Safety Summary Data

- Enter Summary Data into required fields with asterisk (*) and other fields as desired
- Enter data for each Birth
 Weight range
- Click in each Report No Events box, for which no such events were identified for the month

Location Co Moi Yo	ode *: NICU nth *: March ear *: 2017		NICU	~				
Birth Wt.	Patient Days *	CL Days *	No CLABSI	Vent Days	No PedVAP	UrC Days	1	
<=750	3	3		3		2		
751-1000	25	25		25		0		
1001-1500	1	1	✓	0	~	0		
1501-2500	10	10		10		0		
>2500	2	2		2	V	0		
Custom Field	s 🕢 Help							

Monthly Device-Associated Reporting: Adding Summary Data to SCA/Oncology

- **To Add Patient Safety Summary Data for SCA/Oncology**
- Select Device Associated SCA/ONC from the Summary Data Type drop-down menu.
- Click Continue button



Monthly Device-Associated Reporting: Adding Summary Data to SCA/Oncology

To Add Patient Safety Summary Data for SCA/Oncology

- Complete required Fields marked with an asterisk (*) and other fields as desired
- For SCA locations, you must Enter the number of permanent central lines separate from the temporary central lines.

NOTE: If a patient has BOTH a temporary and a permanent central line, count the day ONLY as a temporary line day.



Monthly Device-Associated Reporting: Adding Summary Data to SCA/Oncology

To Add Patient Safety Summary Data for SCA/Oncology, con't.

 In the Report No Event section,
 Add a check mark next to the appropriate box where there are no events to report

NOTE: You must check the 'Report No Events' box separately for temporary central line days, and permanent central line days (i.e., "TCLAB", "PCLAB").



Monthly Device-Associated Reporting: Reporting No Events

- If your facility has no events to report for a given month, once that month is complete, you must check the "Report No Events" box on the summary data record for that month.
- If you do not check the "Report No Events" box on the summary data record, you will receive a "Missing Events" alert, which will give you an opportunity to complete this task from the alerts screen.
- If you check the "Report No Events" box, but enter an event at a later time, the "Report No Events" box will automatically uncheck itself.

Reporting: C.DIFFICILE, MRSA, AND OTHER DRUG-RESISTANT INFECTIONS

When performing MDRO/CDI reporting in NHSN, e.g., MRSA/CDIFF, etc., facilities must do the following:

 If conducting in-plan surveillance, be sure these events have been added to the reporting plan with the proper locations added

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- Complete a monthly summary data form (denominators) for the locations monitored, including checking the "Report No Events" boxes for months that no events occurred
- Enter any events specified in the reporting plan, that occur in the monitored locations
- Clear up all missing and incomplete alerts on the "Alerts" screen

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Summary Data for MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

- Select MDRO AND CDI Prevention Process and Outcome Measures Monthly Monitoring from the Summary Data Type drop-down menu.
- Click Continue button



MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Patient Safety Summary Data

- **Select** location being monitored from the Location Code drop-down menu
- **Select** the Month and Year that you are monitoring for the selected location

NOTE: You may report in a specific location, or use Facility Wide (FACWIDEIN or FACWIDEOUT) reporting as a location option.

ISN Home		🗼 MDRO a	nd CDI	Preventi	ion Pr	ocess and	d Outcome	Measure	es Mont	thly Mon	itoring							
erts		13																
porting Plan	•	Mandatory fields ma	arked with	*													Print For	m
ient	•	Facility ID *:	Facility ID *: [UHU4 Memorial Hospital (ID 10000) ~] Location Code *:															
ent	•	Month *:		~			`											
cedure	•	Year *:																
nmary Data	•	General																
oort/Export		Setting: Inpatient	Setting: Inpatient Total Patient Days : Total Admissions :															
veys	•	Setting: Outpatien	Setting: Outpatient Total Encounters :															
alysis	•				1.00.0													
ers	•	MDRO & CDI Infe	ection Sur	veillance or L	abiD Ev	ent Reportin	3		1		1		1		1			
ility	•	Specific Organism Type	MRSA	Report No Events	VRE	Report No Events	CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	No Events
pup	•	Infection	_	Events	_	Events		Events	_			Events	_	Events	_	Events	_	Events
out		Surveillance																
		LabID Event (All specimens)																
		LabID Event (Blood specimens only)																

MDRO and CDI Prevention Monthly Monitoring

If this is for FACWIDEIN location code, enter the total number of patient days for all facility inpatient locations combined for the month. All of the facility's inpatient locations must be included, where denominators can be accurately collected and there is the possibility of the MDRO to be present, transmitted, and identified in that specific location.

NOTE: For MDRO, locations with unique CCNs (IRF, IPF) should be subtracted to determine the MDRO counts. For CDIFF, subtract locations with unique CCNs and baby based locations.

Setting: Inpatient Total Facility Patient Days *:	Total Facility Admissions *:
Setting: Outpatient Total Facility Encounters :	

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Patient Safety Summary Data

 Enter Census data which includes patient days and total admissions

\& MDRO a	nd CDI	Preventi	ion Pr	ocess and	lOutcome	Measure	es Mon	thly Mon	itoring							
Mandatory fields m. Facility ID *: Location Code *: Month *: Year *:	tandatory fields marked with ● Print Form Facility ID *: DHQP Memorial Hospital (ID 10000) ▼ Location Code *: [FACWIDEIN - Facility-wide Inpatient (FacWIDEIn) ▼ Month *: [2017 ▼ General General															
Setting: Inpatient Setting: Outpatient If monitoring <i>MD</i> : MDRO Patient Da If monitoring <i>C</i> . CDI Patient Days For this quarter, w	Total Fac nt Total F ROin a FA ays *: difficile in *: vhat is the	cility Patient E cacility Encour CWIDE locati a FACWIDE I cD primary testir	Days *: on, then MDRO A location, I Admiss	subtract all co Admissions *: then subtract ions *: ed for <i>C. diffic</i>	Total Facilit	y Admissions ent care units MDRO End patient care Encounters: ten by your fa	*: with unique counters: units with acility's lab	ue CCNs(IRF i unique CCNs	and IPF) from Tota (IRF and IPF) as we e outside laborator	is: Il as NICU an y where your	d Well Baby co facility's testin	unts from Tot g is performe	als: 12 *			
MDRO & CDI Infe	ection Sur	veillance or L	abID Ev	ent Reportin;	5											
Specific Organism Type	MRSA	Report No Events	VRE	Report No Events	CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	Report No Events
Infection Surveillance																
LabID Event (All specimens)															* 🗹	
LabID Event (Blood specimens only)																

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Patient Safety Summary Data

When you select Facility Wide reporting in the MDRO module of your reporting plan, fields referencing IRF and IPF units become required.

For MDRO, locations with unique CCNs (IRF, IPF) should be subtracted to determine the MDRO counts. For CDIFF, subtract locations with unique CCNs and baby based locations.

landatory fields m	arked with	*													Print Fo	rm
Facility ID *:	DHQP M	emorial Hospi	tal (ID 10	0000) 🗸												
Location Code *:	FACWID	EIN - Facility-	vide Inpa	atient (FacWID	Eln) 🗸											
Month *:	March	\sim														
Year *:	2017 🗸															
General																
etting: Inpatient	Total Fac	ility Patient [Davs *:		Total Facilit	tv Admissions	*:									
etting: Outpatie	nt Total F	acility Encou	nters :		_											
monitoring MD	ROin a FA	CWIDE locat	ion, then	subtract all c	ounts from pati	ent care units	with uniq	ue CCNs(IRF	and IPF) from Tota	ls:						
MRRO Patient Days * [MRRO Admissions *: [MRRO Admissions *: [MRRO Encounters ::																
If monitoring C difficile in a FACWIDE location, then subtract all counts from patient care units with unique CCNst(RF and IPF) as well as NICU and Well Baby counts from Totals:																
in monitoring cumulations of the state of th										ell as NICU an	d Well Baby co	unts from Tot	als:			
DI Patient Days	: <i>aimiciie</i> in	a FACWIDE	location, I Admiss	then subtract	all counts from	n patient care I Encounters:	units with	unique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co	unts from Tot	als:			
CDI Patient Days	: *:	a FACWIDE	location, I Admiss	then subtract	all counts from	n patient care I Encounters:	units with	unique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co	unts from Tot	als:			
DI Patient Days	what is the	a FACWIDE CD primary testi	location, I Admiss	then subtract	all counts from CD	n patient care I Encounters: ften by your fa	units with acility's lat	ounique CCNs	(IRF and IPF) as we e outside laborato	ell as NICU an	d Well Baby co facility's testin	unts from Tot g is performe	als: d? *			
CDI Patient Days	what is the	a FACWIDE CD	location, I Admiss	then subtract	t all counts from CD <i>ile</i> used most of	n patient care I Encounters: ften by your fa	units with acility's lat	ounique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co facility's testin	unts from Tot g is performe	als: d? *			
CDI Patient Days	what is the	a FACWIDE CD	location, I Admiss	then subtract	t all counts from CD <i>ile</i> used most of	n patient care I Encounters: ften by your fa	units with acility's lat	ounique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co facility's testin	unts from Tot g is performe	als: d? *			
CDI Patient Days	what is the	a FACWIDE CD primary testi veillance or l	location, I Admiss ng metho abID Ev	then subtract ions *:	t all counts from CD <i>i/e</i> used most of	n patient care I Encounters: ften by your fa	units with	ounique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co facility's testin	unts from Tot	als: d? *			
CDI Patient Days	what is the	a FACWIDE CD primary testii veillance or l Report	location, I Admiss ng metho abID Ev	then subtract ions *: od for <i>C. diffic</i> eent Reportin Report	Contraction	n patient care I Encounters: ften by your fa	units with acility's lat	ounique CCNs	(IRF and IPF) as w	ell as NICU an	d Well Baby co facility's testin	unts from Tot g is performed Report	als: d? *	Report	6	Rep
DI Patient Days or this quarter, v IDRO & CDI Inf Specific rganism Type	what is the	e FACWIDE cD primary testi veillance or I Report No Events	In Admissing methon abID Ev	then subtract ions *: od for <i>C. diffic</i> rent Report No Events	CD CD CD CD CD CD CD CD CD CD	n patient care I Encounters: Iten by your fa I Report No Events	units with acility's lat	Report No Events	(IRF and IPF) as w e outside laborato CRE- Enterobacter	Report No Events	d Well Baby co facility's testin CRE- Klebsiella	unts from Tot g is performed Report No Events	d? * MDR- Acinetobacter	Report No Events	C. difficile	Rep N Eve
DI Patient Days or this quarter, v IDRO & CDI Inf Specific rganism Type Infection Surveillance	what is the ection Sur MRSA	e FACWIDE CD primary testin veillance or I Report No Events	In Admiss Ing metho AbID Ev	then subtract ions *: od for <i>C. diffic</i> ent Report No Events	CephR-Klebsiella	n patient care I Encounters: ften by your fa Report No Events	CRE- Ecoli	Report No Events	(IRF and IPF) as we e outside laborator cRE- Enterobacter	Report No Events	d Well Baby co facility's testin CRE- Klebsiella	ants from Tot g is performed Report No Events	d? * MDR- Acinetobacter	Report No Events	C. difficile	Rep N Eve
ADRO & CDI Inf Specific rganism Type Infection Surveillance abID Event (All specimens)	ection Sur MRSA	veillance or I Report No Events	abID Ev	then subtract ions *: od for <i>C. diffic</i> rent Report No Events	cephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	(IRF and IPF) as we e outside laborato construction CRE- Enterobacter	Report No Events	d Well Baby co facility's testin CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile □	Rep N- Eve

MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Patient Safety Summary Data

If you attempt to save a FACWIDEIN MDRO summary record with less total patient days than you have in any other inpatient location (as submitted under the device associated module), you will receive this pop up alert: "Inpatient days for a facility-wide location must be >= inpatient days for any other location(s) entered for that month."

Validation Error

Inpatient days for facility-wide location must be >= inpatient days for any other location(s) entered for that month.



MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

To Add Patient Safety Summary Data

Events that have been added to the Monthly Reporting Plan will have a red asterisk next to them, along with an auto-populated check mark. If they have

not been added to the plan, there will be no red asterisk, but you may check the box if you wish to monitor the event off-plan.

Mandatory fields m Facility ID * Location Code * Month * Year *	DHQP M FACWIDI March	emorial Hospi EIN - Facility- V	tal (ID 10 wide Inpa	1000) 🗸 Itient (FacWID	iEln) V										<u>Print Fo</u>	m
General Setting: Inpatient Setting: Outpatie If monitoring <i>MD</i> MDRO Patient D. If monitoring <i>C</i> CDI Patient Days For this quarter, v	Total Fac nt Total F RO in a FA ays *: 318 C difficile in s *: 202 what is the	cility Patient I facility Encou CWIDE locat a FACWIDE CD primary testi	Days *: nters: ion, then MDRO A location, I Admiss	500 subtract all ca admissions *: then subtract ions *: 60 ad for <i>C. diffic</i>	Total Facilit ounts from pati 88 t all counts from CD t//e used most of	y Admissions ent care units MDRO En patient care I Encounters: iten by your fa	*: 118 with unique counters : units with	ue CCNs(IRF unique CCNs	and IPF) from Tota (IRF and IPF) as we e outside laborator	ls: ell as NICU and	d Well Baby co facility's testin	unts from Tot g is performe	als: 1? *			
MDRO & CDI Inf	fection Sur	veillance or l	abID Ev	ent Reportin;	g											
Specific Organism Type	MRSA	Report No Events	VRE	Report No Events	CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	Report No Events
Infection Surveillance																
LabID Event (All specimens)															* 🗹	
LabID Event (Blood specimens only)	v															

Monthly MDRO Reporting: MDRO and CDI Prevention Process and Outcome Measures Monthly Monitoring

(Blood specimen only)

To Add Patient Safety Summary Data

- In the example above, MRSA is being Monitored (Off-Plan), and the "Report No Events" box has been checked. CDIF is also being reported, but the "Report No Events" box has not been checked.
- Click Save

الم										Print For	rint Form					
Facility ID *:	DHQP M	emorial Hospit	tal (ID 10	000) 🗸												
Location Code *:	FACWID	EIN - Facility-v	vide Inpa	itient (FacWID	Eln) 🗸											
Month *:	March	\sim														
Year *:	2017 🗸															
General																
etting: Inpatient Total Facility Patient Days * : [500 Total Facility Admissions * : [118																
the cut patient Total Failly Encounters:																
terms or uppeer. To set terms become a set of the subtract all counts from patient care units with unique CCNs(IRF and IPF) from Totals:																
MDRO Patient Da	MDRO Patient Days *:[318 MDRO Admissions *:[88 MDRO Encounters :															
If monitoring C. dlffcile in a FACWIDE location, then subtract all counts from patient care units with unique CCNs(IRF and IPF) as well as NICU and Well Baby counts from Totals:																
CDI Patient Days	*: 202	CD	I Admiss	ions *: 60	CD	Encounters:										
For this quarter, w	vhat is the	primary testir	ng metho	d for C diffie	//eused most of	ten by your fa	cility's lak	orstony or th			An all the day has add as					
			-			-	cincy 5 loc	Joi acory or cri	e outside laborato	ry where your	raciiity s testin	g is performed	d? *			
			-		~	•	cincy 5 loc	501 8101 9 01 01	e outside laborato	ry where your	raciiity s testin	g is performed	d? *			
					~]	circy 5 loc	Jonatory of th	e outside laborato	ry where your	raciiity s testin	g is performed	d? *			
MDRO & CDI Infe	ection Sur	veillance or L	abID Ev	ent Reportin	5		cincy 5 loc	on alony or un	e outside laborato	ry wnere your	raciiity s testin	g is performed	d? *			
MDRO & CDI Infe	ection Sur	veillance or L Report	abID Ev	ent Reportin	5 	Report		Report	e outside laborato	Report	facility's testin	g is performed	d? *	Report		Repo
MDRO & CDI Infe Specific Drganism Type	ection Sur	veillance or L Report No	abID Ev	ent Reportin Report No	z CephR- Klebsiella	Report	CRE- Ecoli	Report	CRE- Enterobacter	Report No	CRE- Klebsiella	Report No	MDR- Acinetobacter	Report	C. difficile	Repo
MDRO & CDI Info Specific Organism Type	ection Sur	veillance or L Report No Events	abID Ev	ent Reportin Report No Events	s CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	Repo No Even
MDRO & CDI Info Specific Organism Type Infection Surveillance	ection Sur MRSA	veillance or L Report No Events	abID Ev VRE	ent Reportin Report No Events	s CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	Repo No Even
MDRO & CDI Info Specific Organism Type Infection Surveillance LabID Event (All specimens)	MRSA	veillance or L Report No Events	abiD Ev VRE	ent Reportin Report No Events	CephR- Klebsiella	Report No Events	CRE- Ecoli	Report No Events	CRE- Enterobacter	Report No Events	CRE- Klebsiella	Report No Events	MDR- Acinetobacter	Report No Events	C. difficile	Repa Na Ever

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MDRO and CDI Prevention Monthly Monitoring Reporting No Events

- If your facility has no events to report for a given month, once that month is complete, you must check the "Report No Events" box on the summary data record for that month.
- If you do not check the "Report No Events" box on the summary data record, you will receive a "Missing Events" alert, which will give you an opportunity to complete this task from the alerts screen.
- If you check the "Report No Events" box, but enter an event at a later time, the "Report No Events" box will automatically uncheck itself.

Reporting: LabID Events

Monthly MDRO Reporting: Adding LabID Events (MRSA/CDIFF)

To Add LabID Event

- Select Events
- Select Add
- Select LABID from Event
 Type drop-down menu

Mandatory fields marked with * Fields required for record completion marked with ** Fields required when in Plan marked with >	
Fields required when In Plan marked with > Patient Information Facility ID * DHOP Memorial Hospital (ID 10000) ✓ Patient ID * 000000 Find Find Events for Patient Secondary ID: Last Name: Middle Name: Gender * ✓ Ethnicity: Racc: American Indian/Alaska Native Gender * ✓ Ethnicity: Racc: Black or African American Native Havailian/Other Pacific s Black or African American Native Havailian/Other Pacific s Specimen Contextor * 0007/2017 Specimen Body Stevenes (BLDSPC - Blood specimen ✓ Date Admitted to Location * 000/002/017 Black or Laboratory-identified MDRO or CDI Event Date Specimen Source * BLDSPC - Blood specimen ✓ Date Admitted to Location * 000/02/017 Black or African American Date Admitted to Location * 000/02/017 Black or African American Has patient been discharged from your facility in the past 4 weeks? * N - No ✓ Has the patient been discharged from goolnation with this specific (: N - No ✓) Coucement edivence of colonization with this specific (: N - No ✓) Coucement edivence of colonization with this specific (: N - No ✓) Has the patient been discharged from your facility in the past 4 weeks? * N - No ✓	BJ - Bone and Joint Infection BSI - Bloodstream Infection CLIP - Central Line Insertion Practices CNS - Central Nervous System CVS - Central Nervous System CVS - Cardiovascular EENT - Eye, Ear, Nose and Throat GI - Gastrointestinal LABID - Laboratory-identified MDRO or CDI Event LRI - Lower Respiratory Infection PNEU - Pneumonia REPR - Reproductive Tract SSI - Surgical Site Infection SSI - Surgical Site Infection SSI - Surgical Site Infection VAE - Ventilator-Associated Event [INACTIVE] 1 - CDIFF SA-BS - MRSA & MSSA BSI EB BS - EPIDERMYLOSIS BULLOSA FALL - PATIENT FALL HANG - ACUTE HANG NAILEVENT MDRO - DRUG RESISTANT ORGANISMS MRSA1 - MRSA TRANSMISSION DATA MRSA2 - HH CP ADHERENCE MRSA3 - MRSA TRANSMISSIONS PNX - PNEU IN EXTENDED CARE UNIT SWPIC - MONTHLY EVENT CAPTURE-CULTURE PLUS COLONIZATIO VAADH - MONTHLY INFECTION CONTROL ADHERENCE DATA

Monthly MDRO Reporting: Adding LabID Events (MRSA/CDIFF)

To Add LabID Event

- Complete all required fields, marked with an asterisk (*) and others as desired
- Click Save

NOTE: If this is a Medicare patient, you must **Enter** the Medicare number in the Medicare # field

Manadahara (Balda anada da Wila	
Fields required for record completion marked with **	
Fields required when in Plan marked with >	
Patient Information	Event #
Patient ID *: 000000 Find Find Find For Patient	Social Security #
Secondary ID:	Medicare #
Last Name	First Name:
Middle Name:	
Gender *: V	Date of Birth *:
Ethnicity:	12
Race: American Indian/Alaska Native	
Black or African American Native Hawaiian/Other Pacific Islander	
□ White	
Event Information	
Event Type *: LABID - Laboratory-identified MDRO or CDI Event	
Date Specimen Collected *: 03/07/2017 19	
Specific Organism Type *: MRSA - MRSA 🗸 🗸	
Outpatient *: N - No 🗸	
Specimen Body Site/Source *: CARD - Cardiovascular/ Circulatory/ Lymphatics V	
Specimen Source *: BLDSPC - Blood specimen	
Date Admitted to Facility *: 02/01/2017	
Location *: MDWARD - MD TEST WARD	
Date Admitted to Location *: 02/06/2017	
Has patient been discharged from your facility in the past 4 weeks? *: N - No 💙	
Has the patient been discharged from another facility in the past 4 weeks?: N - No 🗸	
Documented evidence of previous infection or colonization with this specific N-No V	
organism type from a previously reported Labor Event in any prof month:	

Reporting: SURGICAL SITE INFECTIONS (SSI)

- When reporting SSI, be sure to add the procedures that you will be monitoring to the Procedure- Associated Module in your Monthly Reporting plan
- Report all surgeries that are referenced in your Monthly Reporting Plan
- Report all SSI (Events) that occur due to a procedure performed that you are monitoring, and link them to the corresponding procedure

- Once the month is complete, if you did not perform any monitored procedures according to the Monthly Reporting Plan, you will receive a "Missing Procedures" alert on your alerts screen
- Once the month is complete, if no events were reported for the procedures that you are monitoring according to your Monthly Reporting Plan, you will receive a "Missing PA Events" alert on your alerts screen
- Please be sure to clear these alerts by clicking the "No Procedure Performed"/ "Report No Events" boxes, if appropriate.

To Add Surgical Site Infection Procedure

- Select Procedure from left navigation menu
- Select Add
- Select SSI Procedure from NHSN Procedure Code drop-down menu
- Complete all required fields marked with an asterisk (*)



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To Add Surgical Site Infection

Event

- Select Events
- Select Add
- Select SSI Surgical Site Infection from Event Type drop-down menu

Add Event	
Mandatory fields marked with	in *
Fields required for record con	mpletion marked with **
Fields required when in Plan r	marked with >
Patient Information	
	Facility ID *: DHQP Memorial Hospital (ID 10000) V
	Patient ID * Find Find Events for Patient BS1 - Bloodstream Infection
	CLIP - Central Line Insertion Practices
	Secondary ID: CNS - Central Nervous System
	Last Name: CVS - Cardiovascular
	Middle Name:
	Gender * Y
	LRI - Lower Respiratory Infection
	Ethnicity: PNEU - Pneumonia
	Race: American Indian/Alaska Native Asian REPR - Reproductive Tract
	□ Black or African American □ Native Hawaiian/Other Pacific Islande SSI - Surgical Site Infection SSI - Site and Soft Tissue
	White SYS - Swstemic
Event Information	UTI - Urinary Tract Infection
Event mormation	VAE - Ventilator-Associated Event
	Event Type * SSI - Surgical Site Infection
	NHSN Procedure Code *: SA-BS - MISSA & MISSA BSI FB RS - FDIPERMYLOSIS RULLOSA
	Select button for system used FALL - PATIENT FALL
	OLD-10 PCS Outpatient Procedure *: V HANG - ACUTE HANG NAILEVENT
	O CPT Code MDRO - DRUG RESISTANT ORGANISMS
	MIRSA I ANISA IRANSISSION DATA
	Procedure Date *: 25 Link to Procedure MISA2 - HI OF ADHERENCE MISA2 - HI OF ADHERENCE
MDRO	O Infection Surveillance *: PNX - PNEU IN EXTENDED CARE UNIT
	Location: SWPIC - MONTHLY EVENT CAPTURE-CULTURE PLUS COLONIZATION
	VAADH - MONTHLY INFECTION CONTROL ADHERENCE DATA

- Before saving an SSI Event Record, you can link the event record to the associated procedure
- Any Event and associated procedure can be linked at any time by using the "edit" function
- The Linking function can be initiated from the SSI Event record, or the Procedure record

- Events and Procedures can be "Unlinked"
- If there are any discrepancies between the procedure record and the event record, you will receive a message stating that there is "No Matching Procedure Found", and they will not be linked. (For example: the procedure dates, outpatient field, or the ICD-10 codes are not matching across records)

To Link the event to the procedure

 Click Link Procedure button, in the Event Information section

Event Information	
Event Type *:	SSI - Surgical Site Infection
NHSN Procedure Code *:	HYST - Abdominal hysterectomy
	Select button for system used
	○ ICD-10 PCS Outpatient Procedure *: ✓
	O CPT Code
Procedure Date *:	Link to Procedure
MDRO Infection Surveillance *:	×
Location:	✓
Date Admitted to Facility >:	25

To Link the event to the procedure

- Click to add checkmark next to the event to link the procedure
- Click Link button

Link Confirmation

Once the event and procedure has been linked successfully, you will see the green checkmark icon next to the words "Event Linked"



To Unlink the event to the procedure

- Click to remove checkmark next to the event to unlink the procedure
- Click Link/Unlink button



Unlink Confirmation

Once the event and procedure has been unlinked successfully, you will see the original screen with the Link to Procedure button.



Creating and Importing: Antimicrobial Use and Resistance (AUR) Module

Surveillance Plan Options: Antimicrobial Use and Resistance Module

Steps to create Antimicrobial Use and Resistance Module Reporting Plan

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- **1. Select** the location that you wish to monitor.
- 2. Check the box(s) for Antimicrobial Use and Antimicrobial Resistance

Antimicrobial Use and Resistance Module						
	Locations	Antimicrobial Use	Antimicrobial Resistance			
Ŵ	FACWIDEIN - Facility-wide Inpatient (FacWIDEIn)	V				
Ť	5GPED - PED MED_SURG - AU	V				
Ŵ	PMICU - PED MICU_AU	\checkmark				
Ť	SURGWARD - SURGICAL WARD - AU					
Ŵ	EMERG - EMERGENCY DEPT		✓			
Add Row Clear All Rows Copy from Previous Month						

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Importing AUR CDA Files into NHSN – Manual Upload

- Click Import/Export
- Click "Events, Summary Data, Procedure Denominators"

NHSN Home		Import/Export Data		
Alerts				
Reporting Plan	•	Select import/export type		
Patient	•	Select import/export type		
Event	*			
Procedure	۲	CSV Patients		
Summary Data	•			
Import/Export		CSV Procedures		
Surveys	F			
Analysis	•	CSV Surgeons		
Users				
Facility	•	GDA Functo Surgerous Data Decordura Decordinatore		
Group	*	Events, Summary Data, Procedure Denominators		
Tools	•			
Logout		CDA SSI events (requires link to procedure)		

Importing AUR CDA Files into NHSN – Manual Upload

- Browse for your CDA zip file
- Click Submit



Importing AUR CDA Files into NHSN – Automated Upload

 Must get approval from vendor *prior* to signing up

Direct CDA Automation Sign-up					
CDA Automation will allow your facility to send CDA's to NHSN via your Health Information Service Provider. Please work with your CDA IT staff or vendor to obtain the information to complete the enrollment fields and enrollment process.					
Facility ID: 10962	Object Identifier: 2.111.111.110962				
Direct address from which your facility will be sending data. *:					
(HISP) Health Information Service Provider name *:					
HISP-Technical Point of Contact email *:					
Facility-Technical Point of Contact email *:					
	Status:				
Remove Direct CDA Automation:					
Add additional DIRECT addresses					

Table of Content
Importing AUR CDA Files into NHSN – Automated Upload

Steps to sign up for automated upload from vendor/IT solutions using DIRECT CDA Automation

- 1. Select Facility
- 2. Select CDA Automation

NOTE: Details on CDA upload: <u>https://www.cdc.gov/nhsn/cdaportal/importingdata.html</u>

NHSN Home		
Alerts		
Reporting Plan	•	
Patient	•	
Event	•	
Procedure	•	
Summary Data	۲	
Import/Export		
Surveys	•	
Analysis	•	
Users	•	
Facility	۴	Customize Forms
Group	•	Facility Info
Tools	•	Add/Edit Component
Logout		Locations
		Surgeons

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Editing, Finding, and Deleting: Patient Records

Patient Records: Required Fields

There are some fields in NHSN that are required and some that are conditionally required which are based on previous date entered. Here is a short list.

- Required Fields
 - Patient ID
 - Gender
 - Date of Birth
- Conditionally Required Field
 - Birth weight (only if neonate)
 - Medicare Number (Required on all event records for Medicare patients)

Patient Records: Find A Patient

To Find a Previously Entered Patient

- Click Patient
- Click Find

Patient Records: Find A Patient

To find a previously entered patient

- Enter patient criteria to search by (patient last name is used in example)
- Click Find

NOTE: If you don't enter any search criteria, and you click "Find", the system will pull all patient records, and you can scroll through them to find the desired record)

Find Patient	
 Enter search criteria and click Find Fewer criteria will return a broader result set More criteria will return a narrower result set 	
	Patient Information
	Facility ID: DHQP Memorial Hospital (ID 10000) V
	Last Name: safe
	First Name:
	Gender: F - Female
	Secondary ID:
	Find Clear Back

Patient Records: Find A Patient

To find a previously entered patient

Click View patient events/procedures button, to view all event and procedure records associated with the patient's record

🐝 View Patient	
Mandatory fields marked with *	
Patient Information	
Facility ID *: DHQP Memorial Hospital (10000)	
Patient ID *: 100200	Social Security #:
View patient events/procedures	
Secondary ID:	Medicare #:
Last Name: Safe	First Name: Stay
Middle Name:	
Gender *: F - Female	Date of Birth *: 04/13/1999
Birth Weight (grams):	
Ethnicity:	
Race: 🗌 American Indian/Alaska Native 🗌 Black or African American 🗌 White	 Asian Native Hawaiian/Other Pacific Islander

Patient Records: Editing and Deleting

- All records can be edited by clicking the "Edit" button on the bottom of the page
- "Event type" cannot be edited on event records
- All records can be deleted by clicking on the "Delete" button at the bottom of the record
- The patient ID can only be edited from the actual patient record. It cannot be edited from a procedure or event record

For any questions or concerns, contact the NHSN Helpdesk at <u>nhsn@cdc.gov</u>



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.