



Patient Safety Component

Surgical Site Infection Surveillance – Where to Start?

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Objectives

We will demonstrate elements of Surgical Site Infection (SSI) Surveillance and how to navigate the NHSN website effectively.

By the end of this lesson, you will be able to:

- Identify data points necessary to perform effective SSI surveillance and reporting to NHSN
- Navigate the NHSN website effectively to access protocols and resources
- Navigate the NHSN website effectively to report SSI events and procedures

Considerations for SSI Surveillance

Where to start?

Considerations for Effective Surveillance

- Infection Prevention Risk Assessment
- Actionable data
- Available resources
- Surveillance periods
- Denominator data
- Collaboration
- Surveillance methods
- Data points required in NHSN SSI protocols

Surveillance Methods

- Active - Passive
- Patient-based – Laboratory-based
- Prospective - Retrospective
- Priority-directed - Comprehensive

Examples of SSI Surveillance Methods

- Medical record review
- Consult with primary care staff
- Surgeon surveys via mail or telephone
- Patient surveys via mail or telephone
- Automated reports or alerts
- Unit rounding

What is NHSN and Why Should I Use It?

- NHSN is a mechanism for collecting and analyzing surveillance data.
- NHSN does not have mandates for reporting, but expects specific data based on facility selections on the Monthly Reporting Plan (MRP)
- The decision to use NHSN may include:
 - Quality Reporting Program participation
 - Your facility internal risk assessment
 - Required reporting by your state or other organizations

NHSN SSI Resources

NHSN Main Page

National Healthcare Safety Network (NHSN)

[Print](#)

CDC's National Healthcare Safety Network is the nation's most widely used healthcare-associated infection tracking system. NHSN provides facilities, states, regions, and the nation with data needed to identify problem areas, measure progress of prevention efforts, and ultimately eliminate healthcare-associated infections.

In addition, NHSN allows healthcare facilities to track blood safety errors and important healthcare process measures such as healthcare personnel influenza vaccine status and infection control adherence rates.



COVID-19 Modules and Dashboards
COVID-19 reporting and vaccination resources for all healthcare facilities.



[NHSN Requirements & Recommendations for Application Use](#)

Resources by Facility	NHSN Components	
Acute Care / Critical Access Hospitals	About NHSN CDC's NHSN is the largest HAI reporting system in U.S.	NHSN Application NHSN Member Login
Ambulatory Surgery Centers	AM I Enrolled? Confirm if your facility is enrolled in NHSN	CMS Requirements CMS reporting requirements through NHSN
Long-term Acute Care Hospitals	Enroll New Facility For first-time facility enrollment	Analysis Resources Analysis resources and guides for the PS Component
Long-term Care Facilities	NHSN Training Self-paced trainings, videos & quick learns	Data Validation & Guidance Data Validation & Guidance
Inpatient Rehabilitation Facilities	Data & Reports See national and state reports using NHSN data	CDA Submission Support (CSSP) Toolkits, FAQs, webinars & resources
Inpatient Psychiatric Facilities	Newsletters View NHSN newsletters	Email Updates View NHSN communications
Dialysis Facilities		
View All Facilities		

<https://www.cdc.gov/nhsn/acute-care-hospital/index.html>

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

Patient Safety Component (PSC) Page

Patient Safety Component (PSC)

[Print](#)

Use the Patient Safety Component (PSC) to access modules that focus on process measures and events associated with medical devices, surgical procedures, antimicrobial agents used during the provision of healthcare, and multidrug-resistant organisms.

Facilities Reporting in PSC

[Acute Care / Critical Access Hospitals](#)

[Long-term Acute Care Hospitals](#)

[Inpatient Rehabilitation Facilities](#)

[Inpatient Psychiatric Facilities](#)

New Users

[Enroll New Facility](#)

[PSC Training](#)

[Educational Roadmap](#)

PSC Manual

[2024 PSC Manual](#) [PDF - 8 MB]

[2023 PSC Manual](#) [PDF - 8 MB]

[Annual Facility Surveys, Locations & Monthly Reporting Plans](#)

PSC Modules, Events & Indicator

Access relevant training, protocols, data collection forms and supporting materials for each module.

AUR Module
Antimicrobial Use & Resistance Options

PNEU Events
Pneumonia (PedVAP) Events

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

Chapter 9

National Healthcare Safety Network (NHSN) Patient Safety Component Manual

Table of Contents

[Chapter 1: National Healthcare Safety Network \(NHSN\) Overview](#)

[Chapter 2: Identifying Healthcare-associated Infections \(HAI\) for NHSN Surveillance](#)

[Chapter 3: Patient Safety Monthly Reporting Plan and Annual Surveys](#)

[Chapter 4: Bloodstream Infection Event \(Central Line-Associated Bloodstream Infection and non- central line-associated Bloodstream Infection\)](#)

[Chapter 5: Central Line Insertion Practices \(CLIP\) Adherence Monitoring](#)

[Chapter 6: Pneumonia \(Ventilator-associated \[VAP\] and non-ventilator-associated Pneumonia \[PNEU\]\) Event](#)

[Chapter 7: Urinary Tract Infection \(Catheter-Associated Urinary Tract Infection \[CAUTI\] and non- catheter-associated Urinary Tract Infection \[UTI\]\) and Other Urinary System Infection \(USI\) Events](#)

[Chapter 9: Surgical Site Infection \(SSI\) Event](#)

[Chapter 10: Ventilator-Associated Event \(VAE\)](#)

[Chapter 11: Pediatric Ventilator-Associated Event \(PedVAE\)](#)

SSI Protocol

Patients Safety Component (PSC)

Healthcare Personnel Safety Component (HPS)

Biovigilance Component (BV)

PSC Manual

- 2024 PSC Manual (PDF - 8 MB)
- 2023 PSC Manual (PDF - 8 MB)

Annual Facility Surveys, Locations & Monthly Reporting Plans

ACH Modules & Events

Access relevant training, protocols, data collection forms and supporting materials for each module.

AUR Module Antimicrobial Use & Resistance Options	PNEU Events Pneumonia (PedVAP) Events
BSI Events Bloodstream Infections	SSI Events Surgical Site Infection Events
CLIP Events Central Line Insertion Practice Adherence	UTI Events Urinary Tract Infections
MDRO & CDI Events Multidrug-Resistant Organism & <i>C. difficile</i> Infections	VAE Ventilator-associated Events
PedVAE Pediatric Ventilator-associated Events	HCP Flu Vaccination Healthcare Personnel Safety Component
HCP COVID-19 Vaccination Healthcare Personnel Safety Component	HCP Exposure Healthcare Personnel Safety Component
Blood Safety Biovigilance Component	

SSI Protocol

Surgical Site Infection Event (SSI)

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Data Collection Forms and Instructions

Data Collection Forms & Instructions

All Data Collection Forms are Print-only

SSI Event

[Surgical Site Infection \(SSI\) form – January 2021 \(57.120\)](#). [PDF – 180 KB]

- [Customizable form](#). [DOCX – 80 KB]
- [Table of Instructions](#). [PDF – 150 KB]

Denominator Form

[Denominator for Procedure – January 2021 \(57.121\)](#). [PDF – 100 KB]

- [Customizable form](#). [DOCX – 60 KB]
- [Table of Instructions](#). [PDF – 200 KB]

Custom Event Form

[HAI Custom Event form – January 2021 \(57.115\)](#). [PDF – 180 KB]

- [Customizable form](#). [DOCX – 80 KB]
- **Not to be used for CLABSI, CAUTI, SSI, PedVAE, VAE, pediatric VAP, or LabID events.****
- To be used in conjunction with [Chapter 17: CDC/NHSN Surveillance Definitions for Specific Types of Infections](#). [PDF – 2 MB] in the NHSN Patient Safety Manual.

SSI Event Form

Denominator for Procedure

Page 1 of 2

*required for saving

Facility ID	Procedure #:
*Patient ID:	Social Security #:
Secondary ID:	Medicare #:
Patient Name, Last:	First: Middle:
*Gender: F M Other	*Date of Birth:
Ethnicity (Specify):	Race (Specify):
Event Type: PROC	*NHSN Procedure Code:
*Date of Procedure:	ICD-10-PCS or CPT Procedure Code:
Procedure Details	
*Outpatient: Yes No	*Duration: ____ Hours ____ Minutes
*Wound Class: C CC CO D	*General Anesthesia: Yes No
ASA Score: 1 2 3 4 5	*Emergency: Yes No
*Trauma: Yes No	*Scope: Yes No
*Diabetes Mellitus: Yes No	*Closure Technique: Primary Other than primary
*Height: ____ feet ____ inches	Surgeon Code: _____
(choose one) ____ meters	
*Weight: ____ lbs/kg (circle one)	
CSEC: *Duration of Labor: ____ hours	
Circle one: FUSN	
*Spinal Level (check one)	*Approach/Technique (check one)
<input type="checkbox"/> Atlas-axis	
<input type="checkbox"/> Atlas-axis/Cervical	

SSI Event Table of Instructions



January 2024

Instructions for Completion of Surgical Site Infection (SSI) Form (CDC 57.120)

Data Field	Instructions for Data Collection
Facility ID	The NHSN-assigned facility ID will be auto-entered by the computer.
Event #	Event ID number will be auto-entered by the computer.
Patient ID	Required. Enter the alphanumeric patient ID number. This is the patient identifier assigned by the hospital and may consist of any combination of numbers and/or letters.
Social Security #	Optional. Enter the 9-digit numeric patient Social Security Number.
Secondary ID	Optional. Enter the alphanumeric ID number assigned by the facility.
Medicare #	Optional. Enter the patient's Medicare number.
Patient Name	Optional. Enter the last, first, and middle name of the patient.
Gender	Required. Check Female, Male, or Other to indicate the gender of the patient.
Sex at Birth (Birth Sex)	Optional. Select the patient's sex assigned at birth. Male Female Unknown

Denominator for Procedure Form



Denominator for Procedure

*required for saving

Page 1 of 2

Facility ID	Procedure #:	
*Patient ID:	Social Security #:	
Secondary ID:	Medicare #:	
Patient Name, Last:	First:	Middle:
*Gender: F M Other	*Date of Birth:	
Ethnicity (Specify):	Race (Specify):	
Event Type: PROC	*NHSN Procedure Code:	
*Date of Procedure:	ICD-10-PCS or CPT Procedure Code:	
Procedure Details		
*Outpatient: Yes No	*Duration: ____ Hours ____ Minutes	
*Wound Class: C CC CO D	*General Anesthesia: Yes No	
ASA Score: 1 2 3 4 5	*Emergency: Yes No	
*Trauma: Yes No	*Scope: Yes No	*Diabetes Mellitus: Yes No
*Height: ____ feet ____ inches	*Closure Technique: Primary Other than primary	
(choose one) ____ meters	Surgeon Code: _____	
*Weight: ____ lbs/kg (circle one)		
CSEC: *Duration of Labor: ____ hours		
Circle one: FUSN		
*Spinal Level (check one)		
<input type="checkbox"/> Atlas-axis		
<input type="checkbox"/> Atlas-axis/Cervical		
	*Approach/Technique (check one)	


NHSN Procedure Codes


Operative Procedure Code Documents

2024 Operative Procedure Code Documents

The documents listed below should be used for procedures performed January 1, 2024 through December 2024.

[List of NHSN 2024 Procedure Code Updates – January 2024](#)  [XLS – 19 KB]

[ICD-10-PCS Procedure Code Mapping to NHSN Operative Procedure Codes – January 2024](#)  [XLS – 787 KB]

[Current Procedural Terminology \(CPT\) Procedure Code Mapping to NHSN Operative Procedure Codes – January 2024](#)  [XLS – 346 KB]

Using the Procedure Code Documents

2024 NHSN ICD-10 Operative Procedure Code Mappings *(updated 1-2024)*

This document replaces prior documents listing operative procedure codes associated with the NHSN Surgical Site Infection (SSI) Procedure-associated Protocol.

Codes have been validated using current procedure code references in consultation with a trained coding professional. Codes are accurate at the time of posting. ICD-10-PCS procedure codes included in this code mapping document may be entered instead of the NHSN procedure category name (such as COLO, HYST or XLAP).

Procedure codes may be entered in the following manner:

- If the ICD-10-PCS procedure code is entered first, the NHSN procedure code name (such as COLO) will be auto-filled by the application.
- If the NHSN procedure code name is entered first, the user will need to manually enter the correct ICD-10-PCS procedure code.
- If there is a mismatch between the NHSN procedure code name and the ICD-10-PCS procedure code, the application will produce an error message.

NOTES:

- ⌘ Although the procedure code field is optional, procedure codes maybe used in the application when entering NHSN procedures and SSI events.
- ⌘ For specific procedure details for reporting HPRO and KPRO procedures refer to the "ICD-10-PCS & CPT Codes -- Guidance for HPRO & KPRO Procedure Details " document found at <https://www.cdc.gov/nhsn/xls/guidance-for-hpro-kpro-procedure-details.xlsx>
- ⌘ For specific procedure details for reporting FUSN procedures refer to the "FUSN ICD-10-PCS Codes – Guidance for Spinal Level and Approach " document found at <https://www.cdc.gov/nhsn/xls/fusn-icd-10-pcs-codes.xlsx>

Layout of this procedure code document (see screen capture below)

- Procedure categories are listed in alphabetical order along the bottom tabs of the workbook (see purple outline and arrow below), starting with AAA and ending with XLAP.
- There is a worksheet for each procedure category.
- The ICD-10-PCS procedure codes are listed in numerical order (see black outline and arrow below) for each procedure category.
- Columns within each worksheet may be sorted and filtered.

Instructions (updated 1-2024)

ALL 2024 ICD-10-PCS CODES

Index

AAA

AMP

APPY

AVSD

BILI

BRST

CARD

CBGB

CBGC

CEA

CI ...

+

⏪

⏩

Reporting Requirements and Monthly Reporting Plan

Monthly Reporting Plan (MRP)

- Must have a MRP completed every month to inform NHSN which modules you planning on reporting.

Monthly Reporting Plan (MRP)

▪ In-Plan

- Module included in the MRP
- NHSN Surveillance Protocol will be used in its entirety
- Data included in NHSN annual reports and other NHSN publications
- Submitted to CMS in accordance with CMS's Quality Reporting Program

▪ Off-plan

- **Not included** in MRP
- **No commitment** to use NHSN Surveillance Protocol in its entirety
- Data is **excluded** from NHSN annual report and other NHSN publications
- **Excluded** from CMS Quality Reporting Program


Adding Monthly Reporting Plan

The screenshot displays the NHSN Patient Safety Component Home Page. At the top left is the CDC logo and the text "Centers for Disease Control and Prevention" and "CDC 24/7: Saving Lives, Protecting People™". Below this is a blue header bar with the text "NHSN - National Healthcare Safety Network".

On the left side, there is a vertical navigation menu with the following items: NHSN Home, Alerts, Dashboard, Reporting Plan, Patient, Event, Procedure, Summary Data, COVID-19, Import/Export, Surveys, Analysis, Users, Facility, Group, and Logout. The "Reporting Plan" item is highlighted with a red box, and a dropdown menu is open, showing "Add" and "Find" options. A mouse cursor is pointing at the "Add" button.

The main content area on the right is titled "NHSN Patient Safety Component Home Page" and contains several sections: "Strategy Dashboard", "Dashboard", "HAI Pathogen Dashboard", and "Action Items". The "Action Items" section is currently expanded, showing a blurred view of the content below.

Adding Monthly Reporting Plan

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


NHSN - National Healthcare Safety Network


NHSN Home

- Alerts
- Dashboard ▶
- Reporting Plan ▶
- Patient ▶
- Event ▶
- Procedure ▶
- Summary Data ▶
- COVID-19 ▶
- Import/Export
- Surveys ▶
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout

Add Monthly Reporting Plan

Mandatory fields marked with *


Facility ID *: 

Month *: 


Year *:


No NHSN Patient Safety Modules Followed this Month

Device-Associated Module

	Locations	CLABSI	VAE	CAUTI
	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Procedure-Associated Module

	Procedures	SSI
	<input type="text"/>	IN: <input type="checkbox"/> OUT: <input type="checkbox"/>



Adding Monthly Reporting Plan for Procedure-Associated Module: Example

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

NHSN - National Healthcare Safety Network

NHSN Home

- Alerts
- Dashboard ▶
- Reporting Plan ▶
- Patient ▶
- Event ▶
- Procedure ▶
- Summary Data ▶
- COVID-19 ▶
- Import/Export
- Surveys ▶
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout

Add Monthly Reporting Plan

Mandate: [dropdown]

Facility: [dropdown]

Module: [dropdown]

Device: [dropdown]

Procedure: [dropdown]







Procedure List:

- AAA - Abdominal aortic aneurysm repair
- AMP - Limb amputation
- APPY - Appendix surgery
- AVSD - AV shunt for dialysis
- BILI - Bile duct, liver or pancreatic surgery
- BRST - Breast surgery
- CARD - Cardiac surgery
- CBGB/CBGC - Coronary artery bypass graft
- CEA - Carotid endarterectomy
- CHOL - Gallbladder surgery
- COLO - Colon surgery
- CRAN - Craniotomy
- CSEC - Cesarean section
- FUSN - Spinal fusion
- FX - Open reduction of fracture
- GAST - Gastric surgery
- HER - Herniorrhaphy
- HPRO - Hip prosthesis
- HTP - Heart transplant

[Add Row] [Clear All Rows] [Copy from Previous Month]

Adding Monthly Reporting Plan for Procedure-Associated Module: Example


Procedure-Associated Module

	Procedures	SSI
	COLO - Colon surgery 	IN: <input checked="" type="checkbox"/> OUT: <input type="checkbox"/>
	HYST - Abdominal hysterectomy 	IN: <input checked="" type="checkbox"/> OUT: <input type="checkbox"/>
	<input type="text"/> 	IN: <input type="checkbox"/> OUT: <input type="checkbox"/>


Adding Monthly Reporting Plan for Procedure Associated Module: Copy from Previous Month

Add Row Clear All Rows Copy from Previous Month

Procedure-Associated Module

	Procedures	SSI
	<input type="text"/>	IN: <input type="checkbox"/> OUT: <input type="checkbox"/>

Add Row Copy from Previous Month



Adding Monthly Reporting Plan



Add Monthly Reporting Plan

Mandatory fields marked with *

Facility ID *: Decennial Medical Center (ID 15331) ▼

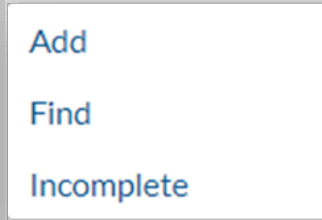
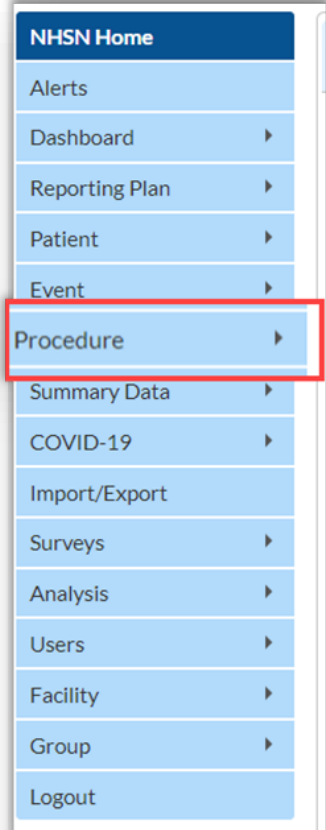
Month *: ▼

Year *: ▼

No NHSN Patient Safety Modules Followed this Month

Completing the Procedure (Denominator) Form

Data Entry Sources: Procedure



Procedure Information



Add Procedure

Mandatory fields marked with *

Fields required when in Plan marked with >

Patient Information

Facility ID *: ▼

Patient ID *:

Secondary ID:

Last Name:

Middle Name:

Gender *: ▼

Ethnicity: ▼

- Race: American Indian/Alaska Native Asian
 Black or African American Native Hawaiian/Other Pacific Islander
 White

Procedure #:

Social Security #:

Medicare #:

First Name:

Date of Birth *:

Procedure Form:

Required and Conditional Data Points

Procedure Details

Outpatient *: Duration (Hrs:Mins) *: :

Wound Class *: General Anesthesia *:

ASA Score:

Emergency *: Trauma *: Scope *:

Diabetes Mellitus *: Closure Technique *:

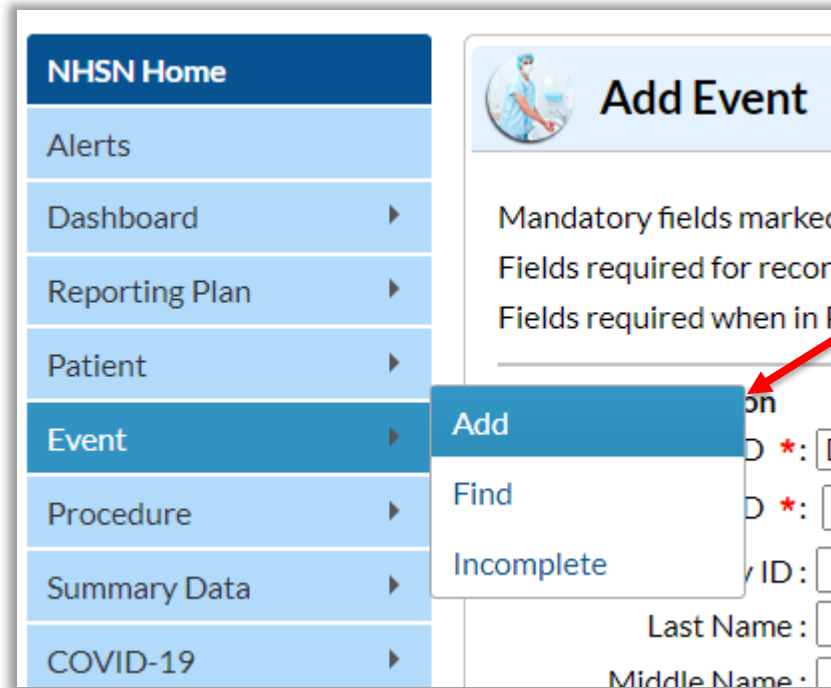
Surgeon Code:

Height *: or m

Weight *: lbs or kg BMI


Completing the SSI Event (Numerator) Form

Data Entry Sources: Event



The screenshot displays the NHSN Home interface. On the left is a navigation menu with the following items: NHSN Home (dark blue header), Alerts, Dashboard, Reporting Plan, Patient, Event (highlighted in dark blue), Procedure, Summary Data, and COVID-19. On the right is the 'Add Event' form area, which includes a header with a person icon and the text 'Add Event'. Below the header, there are instructions: 'Mandatory fields marked', 'Fields required for record', and 'Fields required when in F'. A dropdown menu is open over the 'Event' menu item, showing three options: 'Add', 'Find', and 'Incomplete'. A red arrow points from the right side of the image to the 'Add' option in the dropdown menu.

SSI Event Form: Patient Level Data



Add Event

Mandatory fields marked with *

Fields required for record completion marked with **

Fields required when in Plan marked with >

Patient Information

Facility ID *:

Patient ID *:

Secondary ID:

Last Name:

Middle Name:

Gender *:

Ethnicity:

Race: American Indian/Alaska Native Asian
 Black or African American Native Hawaiian/Other Pacific Islander
 White

Event Information

Event Type *:

Custom Fields

Event information



Add Event

Mandatory fields marked with *

Fields required for record completion marked with **

Fields required when in

Patient Information

Facility ID *

Patient ID *

Secondary ID:

Last Name:

Middle Name:

Gender *

Ethnicity:

Race:

Event Information

Event Type *

Custom Fields

- BJ - Bone and Joint Infection
- BSI - Bloodstream Infection
- CLIP - Central Line Insertion Practices
- CNS - Central Nervous System
- CVS - Cardiovascular
- EENT - Eye, Ear, Nose and Throat
- GI - Gastrointestinal
- LABID - Laboratory-identified MDRO or CDI Event
- LRI - Lower Respiratory Infection
- PedVAE - Pediatric Ventilator-Associated Event
- PNEU - Pneumonia
- REPR - Reproductive Tract
- SSI - Surgical Site Infection**
- SST - Skin and Soft Tissue
- USI - Urinary System Infection
- UTI - Urinary Tract Infection
- VAE - Ventilator-Associated Event
- 01 - CLABSI SURVEILLANCE IN CLINIC
- COR19 - CORNA VIRUS 19

nts for Patient

e Hawaiian/Other Pacific Islander

Event #:

Social Security #:

Medicare #:

First Name:

Date of Birth *

Date of Event *

Event information, continued.

Event Information

Event Type *: SSI - Surgical Site Infection

NHSN Procedure Code *:

Procedure Date *:

MDRO Infection Surveillance *:

Location:

Date Admitted to Facility >:

Event Details

Specific Event >:

Infection present at the time of surgery *:

Detected >:

Secondary Bloodstream Infection >:

COVID-19 *:

Died **:

Discharge Date:

Pathogens Identified >: N - No If Yes, specify below ->

Procedure List:

- AAA - Abdominal aortic aneurysm repair
- AMP - Limb amputation
- APPY - Appendix surgery
- AVSD - AV shunt for dialysis
- BILI - Bile duct, liver or pancreatic surgery
- BRST - Breast surgery
- CARD - Cardiac surgery
- CBGB - Coronary bypass w/ chest & donor incisions
- CBGC - Coronary bypass graft with chest incision
- CEA - Carotid endarterectomy
- CHOL - Gallbladder surgery
- COLO - Colon surgery
- CRAN - Craniotomy
- CSEC - Cesarean section
- FUSN - Spinal fusion
- FX - Open reduction of fracture
- GAST - Gastric surgery
- HER - Herniorrhaphy
- HPRO - Hip prosthesis

Event information, continued.

Event Information

Event Type *:

Date of Event *:

NHSN Procedure Code *:

Select button for system used

ICD-10 PCS Outpatient Procedure *:

CPT Code

Procedure Date *: [Link to Procedure](#)

MDRO Infection Surveillance *:

Location:

Date Admitted to Facility >:

Event Details

Specific Event >:

Infection present at the time of surgery *:

Detected >:

Secondary Bloodstream Infection >:

COVID-19 *:

Died **:

Discharge Date:

Pathogens Identified >: N - No If Yes, specify below ->

Custom Fields

ROTATOR CUFF:

Link Event to Procedure

Event Information

Event Type *: SSI - Surgical Site Infection

Date of Event *:

NHSN Procedure Code *: COLO - Colon surgery

Link to Procedure

	Procedure #	NHSN Procedure Code	ICD-9-CM Code	ICD-10 PCS	CPT Code	Procedure Date	Linked Events
<input type="checkbox"/>	56286415	COLO				02/01/2023	

Event Details

Infection pr

COVID-19 *:

Link **Cancel**

Link Event to Procedure

Link to Procedure

	Procedure #	NHSN Procedure Code	ICD-9-CM Code	ICD-10 PCS	CPT Code	Procedure Date	Linked Events
<input checked="" type="checkbox"/>	56286415	COLO				02/01/2023	

Link **Cancel**

Event Information

Event Type *: SSI - Surgical Site Infection Date of Event *: 24

NHSN Procedure Code *: COLO - Colon surgery

Select button for system used

ICD-10 PCS Outpatient Procedure *: N - No
 CPT Code

Procedure Date *: 02/01/2023 **Link/Unlink Procedure** **Event Linked**

MDRO Infection Surveillance *:

Location:

Date Admitted to Facility >: 24

Event Details

Event Details

Specific Event >:

Infection present at the time of surgery *:

DIP - Deep Incisional Primary

GIT - Gastrointestinal tract

Detected >:

IAB - Intraabdominal, not specified elsewhere

Secondary Bloodstream

OREP - Other infections of male/female reproductive tract

Infection >:

SIP - Superficial Incisional Primary

COVID-19 *:

USI - Urinary System Infection

Died **:



Discharge Date:



Pathogens Identified >: N - No If Yes, specify below ->

Event Detail

1.

Infection present at the time of surgery *:

Y - Yes
N - No

2.

Secondary Bloodstream
Infection >:

COVID-19 *:



Required. Check Y if the patient met the definition of confirmed COVID-19 on the date of event; otherwise, check N.

Confirmed: A patient with a positive COVID-19 (SARS CoV-2) laboratory viral test indicating current infection (**NOTE:** this does not include serology testing for antibody).

- Answer COVID-19 as 'YES' if the patient's lab test confirmed COVID-19 prior to or on the SSI date of event. Keep in mind that patients may undergo repeat testing post-treatment and may move from a 'confirmed' to 'negative' COVID-19 status.
- Answer COVID-19 as 'NO' if the most recent lab test prior to or on the SSI date of event is negative.

3.

Detected >:

A - Admission
P - Postdischarge surveillance
RO - Readmission to facility other than where procedure performed
RF - Readmission to facility where procedure performed

Data Upload via CSV or CDA

CSV or CDA file upload

NHSN Home

- Alerts
- Dashboard ▶
- Reporting Plan ▶
- Patient ▶
- Event ▶
- Procedure ▶
- Summary Data ▶
- COVID-19 ▶
- Import/Export**
- Surveys ▶
- Analysis ▶
- Users ▶
- Facility ▶
- Group ▶
- Logout

Import/Export Data

Select import/export type

Select import/export type

- Patients
- Procedures
- Surgeons
- Monthly Survey for Nursing Hours
- Events, Summary Data, Procedure Denominators
- SSI events (requires link to procedure)
- Export Facility Data

Resources for CDA or CSV Upload

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

Search Search NHSN

NHSN CDA Submission Support Portal (CSSP)

NHSN Home

[Print](#)

Clinical Document Architecture (CDA) is a Health Level 7 (HL7) standard that provides a framework for the encoding, formatting and semantics of electronic documents. CDC's National Healthcare Safety Network (NHSN) supports CDA import of certain healthcare-associated infection (HAI) data. To assist programmers in creating standards for reporting via CDA import, NHSN offers an Implementation Guide and associated materials based fully on HL7-based CDA document specifications. Types of data that can be reported include event reports, denominator data, and process-of-care measures.

- About CDA**
What is Clinical Document Architecture?
- Getting Started**
How to implement CDA for HAI reporting.
- FAQs**
Common questions asked by CDA implementers.
- Implementation Toolkits & Resources**
NHSN HAI Implementation Guides, IDMs and toolkits.
- Data Validation & Testing**
Tools to validate and test your CDA data as per NHSN specifications.
- Webinars & Training Videos**
Webinars on NHSN releases and CDA training.
- Importing Data**
How to import your data into NHSN using CDA, CSV or Direct.
- Innovation Tools**
Data sets and algorithmic web services.
- Promoting Interoperability**
Overview of NHSN AUR Module reporting for the Promoting Interoperability Program.

Other Important Resources

FAQs

Protocols

[Chapter 9: Surgical Site Infection \(SSI\) Event – January 2024](#) [PDF – 1 MB]

[2024 Patient Safety Component Summary of Updates](#) [PDF – 248 KB]

Supporting Chapters

[Chapter 1: NHSN Overview – January 2024](#) [PDF – 350 KB]

[Chapter 3: Patient Safety Monthly Reporting Plan – January 2024](#) [PDF – 300 KB]

[Chapter 15: CDC Location Labels and Location Descriptions – January 2024](#) [PDF – 1 MB]

[Chapter 16: NHSN Key Terms – January 2024](#) [PDF – 300 KB]

[Chapter 17: CDC/NHSN Surveillance Definitions for Specific Types of Infections January 2024](#) [PDF – 1 MB]

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Data Collection Forms & Instructions

All Data Collection Forms are Print-only

SSI Event

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Training Resources


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SSI Training

Educational Roadmap

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[Annual Surveys](#)

For any questions or concerns, contact the NHSN Helpdesk using

NHSN-ServiceNow to submit questions to the NHSN Help Desk.

The new portal can be accessed at <https://servicedesk.cdc.gov/nhsncsp>.

Users will be authenticated using CDC's Secure Access Management Services (SAMS) the same way you access NHSN. If you do not have a SAMS login, or are unable to access ServiceNow, you can still email the NHSN Help Desk at nhsn@cdc.gov.

For more information 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.

