# Reporting SSI to the National Healthcare Safety Network

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### **Primary audiences**

- Oregon acute-care, critical access, and long-term acute care hospitals who are
  - Newly reporting surgical site infections (SSI) to the National Healthcare Safety Network (NHSN) at the facility level
  - Need a refresher regarding reporting SSI to NHSN
  - Training new infection preventionists to report SSI to NHSN



### **Objectives**

- Define SSI and the public health significance of these infections
- Review reporting requirements for SSI in Oregon
- Understand the key steps to reporting SSI in NHSN
- Access guidance documents and reporting forms
- Locate resources to complete self-guided training
- List ways to connect with Oregon's Healthcare-Associated Infections (HAI) Program



### What is an SSI?

- A post-surgical infection that occurs at the part of the body where an NHSN Operative Procedure took place
- NHSN Operative Procedure
  - Included in NHSN procedure code mapping
  - At least one incision is made, or reoperation via an incision left open from a prior procedure
  - Takes place in an operating room
- Characterized in NHSN by depth of infection and whether infection is at a primary or secondary incision site
  - Superficial infections involve the skin only; other surgical site infections are more serious and can involve tissues under the skin, organs, or implanted material
  - Identified at site of primary incision, or secondary incision in patients with more than one incision



### What is an SSI?

- SSI can occur at any surgical site; six types of SSI are reportable to the Oregon Health Authority (OHA)
  - Knee replacement (KPRO)
  - Hip replacement (HPRO)
  - Abdominal hysterectomy (HYST)
  - Colon surgery (COLO)
  - Laminectomy (LAM)
  - Coronary artery bypass graft with donor site incision (CBGB)



# SSI risk and prevention

- Population at risk
  - Patients undergoing surgery
  - Patient factors, including diabetes, smoking, older age, obesity
  - Surgical or post-surgical care, including length of procedure and skin preparation
- Prevention strategies
  - Hand hygiene, hair removal, appropriate personal protective equipment (PPE), antimicrobial prophylaxis, skin preparation



# SSI in the U.S. and Oregon

### Burden of disease

- One of the most common HAIs and most frequent cause of unplanned post-surgical hospital admissions
- Estimated approximately 157,500 SSIs and 8,205 associated deaths occur in the U.S. each year

### Benchmarks

- The Oregon Health Authority (OHA) compares Oregon hospital data to two national benchmarks, both standardized infection ratios (SIR)
  - 2013 U.S. Department of Health and Human Services (HHS) target SIR for acute care hospital HAI prevention: 0.75
  - 2014 national SIRs established by NHSN vary by procedure type (0.53-0.98)
- Both benchmarks have been updated to assess data reported for 2017 and later



# SSI in Oregon - 2016

### Surgical site infections (SSIs) A surgical site infection (SSI) occurs when germs enter a surgical wound during or after surgery. The data below are for deep incisional and organ/space SSIs, which are detected upon index admission or readmission, only. Coronary artery bypass graft (heart) surgeries 7 INFECTIONS Oregon Statistically better than 2006-08 national baseline hospitals / Met 2013 HHS target Laminectomy (back) surgeries 11 INFECTIONS Oregon) V Statistically better than 2006–08 national baseline hospitals / Met 2013 HHS target Colon surgeries 91 INFECTIONS Oregon) Transitional Statistically better than 2006-08 national baseline hospitals \ Met 2013 HHS target Abdominal hysterectomy surgeries 12 INFECTIONS Oregon) V Statistically better than 2006-08 national baseline hospitals / Met 2013 HHS target Hip replacement surgeries **67 INFECTIONS** Oregon) A Higher than 2006-08 national baseline hospitals | X Did not meet 2013 HHS target Knee replacement surgeries 48 INFECTIONS Oregon) W Better than 2006-08 national baseline hospitals \( \times \) Did not meet 2013 HHS target

https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/Pages/Reports-and-Data.aspx



# Reporting SSI in Oregon

- Legislative context
  - Established by OAR 333-018
- Oregon SSI reporting requirement (updated 2011)
  - All hospitals (acute-care, critical access, long-term acute care)
  - Procedure-based (CBGB, LAM, HYST, COLO, HPRO, KPRO)
- Exemptions for SSI reporting will not be offered starting 2019
  - Previously, facilities with <20 of a given procedure type per year could request an exemption to reporting this procedure to OHA
  - June 2018 HAI Advisory Committee (HAIAC) meeting: Vote to remove exemptions based on HAI Program staff proposal
  - All applicable facilities must report all SSI data for 2019 forward

HAI MEASUREMENT TYPE	HOSPITALS AND LONG-TERM ACUTE CARE HOSPITALS <sup>1</sup>				
	CMS Requirements ( <i>date requirement enacted</i> ) <sup>2</sup>	OREGON Requirements (date requirement enacted) <sup>3,4</sup>			
SSI	Colon surgery, inpatient (2012)	Colon surgery, inpatient (2011)			
	Abdominal hysterectomy, inpatient (2012)	Abdominal hysterectomy, inpatient (2011)			
		Coronary artery bypass graft surgery, inpatient (2009)/CBGB only (as of 2011)			
		Knee prosthesis procedure, inpatient (2009)			
		Hip prosthesis procedure, inpatient (2011)			
		Laminectomy, inpatient (2011)			

arcweb.sos.state.or.us/pages/rules/oars\_300/oar\_333/333\_018.html https://www.oregon.gov/oha/PH/DiseasesConditions/CommunicableDisease/ReportingCommunicableDisease/Documents/ReportingPosters/poster-hai.pdf

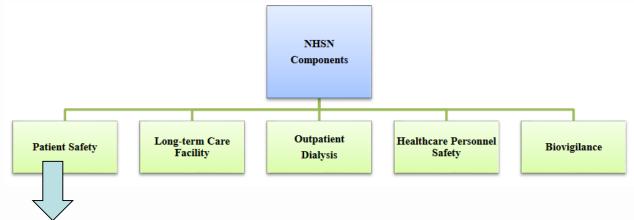


# Key steps to reporting SSI

- Setup
  - Enroll in the Patient Safety Component (PSC) in NHSN
  - Ensure facility users have access and rights
  - Join the State of Oregon NHSN group
  - Facility location mapping look at the required locations and review old mapped locations
  - Check that your confer rights template is up to date
- Ongoing reporting
  - Enter monthly reporting plans
  - Identify and report denominator data (procedures)
  - Identify and report numerator data (infections)
- Review alerts and data



### **Activate the Patient Safety Component**



Device-associated module

Procedure-associated module

Antimicrobial use and Resistance module

MDRO/CDI module

- Component enrollment lets facilities access and report certain data in NHSN
- Can only be done by the NHSN Facility Administrator
- Since all Oregon hospitals report laboratoryidentified (LabID) MRSA and Clostridium difficile infection (CDI) events, all are already enrolled in the PSC.



### Review your confer rights template

- Ensure your facility has accepted the most recent confer rights template
  - If not, your facility will be notified upon login (Confer Rights Not Accepted alert)
  - Click the link under Group Name to view requested data and accept the template
- Make sure you are looking at the correct group (State of Oregon)

### Confer Rights Not Accepted List

Define rights have been changed or new locations have been added affecting the Group below. You may accept new rights or leave the group. Click the Group Name to view and accept new rights.

First | Previous | Next | Last

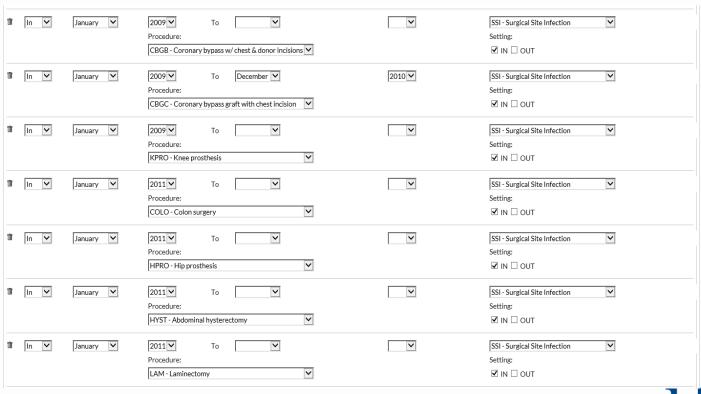
Displaying 1 - 1 of 1

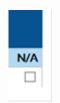
Group Name	Group ID	<u>Status</u>	Status Date
Paul's Test Group	10676	Not Accepted	Apr 27 2011 3:06PM
First   Previous   Next   Last			Displaying 1 - 1 of 1



# Review your confer rights template

Checked "N/A" boxes next to required procedures mean those data will not be shared with the group, and should only be checked if your facility does not perform these procedures







### **Ensure user access and rights**

- If your facility has newly enrolled in the PSC, the NHSN Facility Administrator must make sure at least one user may access it
- New users may be added, or existing users may be given access to the PSC
- For all users intended to access the PSC, be sure that "Patient Safety" box is checked under "Edit User Rights" and save







### **Review mapped locations**



- Review all mapped locations in your facility
  - Review "Facility" "Locations" and hit "Find" to create a list of all mapped locations.
- Review all existing mapped locations to ensure they are accurate
  - Define acuity of care and type of service to ensure mapped accurately
  - Edit, add, delete as needed; re-map as applicable and add to monthly reporting plan
  - Incorrectly mapped locations will impact the completeness of the data you report and the accuracy of your data analyses
- Recommendation is to review locations annually and whenever changes that may impact mapping are anticipated



# Enter/edit monthly reporting plans

- Reporting plans allow NHSN users to inform CDC which data is going to be reported by the facility
  - Each month must have its own plan
  - Plans can be copied and pasted from one month to another
- Each component has its own plan
- "Off plan" surveillance is data only for facility use, and will not be shared with CMS/OHA or included in NHSN reports/publication
- PDF version of plan and table of instructions are useful to review
- Accuracy of plans can impact ability to enter/edit/access data as well as ensure complete reporting and alert function



Form Approved OMB No. 0920-0666 Exp. Date: 01/31/2021

#### Patient Safety Monthly Reporting Plan

Facility ID: No NHSN Patient Safe	ety Modules Fo			Year:		
Pevice-Associated Module ocations	1	CLABSI	VAE	PedVAP	CAUTI	CLIP
	_					



Plan and Annual Surveys

#### Instructions for Completion of the Patient Safety Monthly Reporting Plan Form (CDC 57.106)

Data Field	Instructions for Form Completion	
Facility ID #	The NHSN-assigned facility ID will be auto-entered by the computer.	
Month/Year	Required. Enter the month and year for the surveillance plan being recorded; use MM/YYYY format.	
No NHSN Patient Safety	Conditionally required. Check this box if the facility does not plan to	
Modules Followed this follow any of the NHSN Patient Safety Modules during the mont		
Month	year selected. Checking this box will mean that no data will be shared	
	on the facility's behalf for CMS quality reporting programs.	
	Device-Associated Module	
Locations	Conditionally required. If the facility plans to follow device-associated events, enter the location codes for those facility locations where patients are housed overnight and from which denominator data	

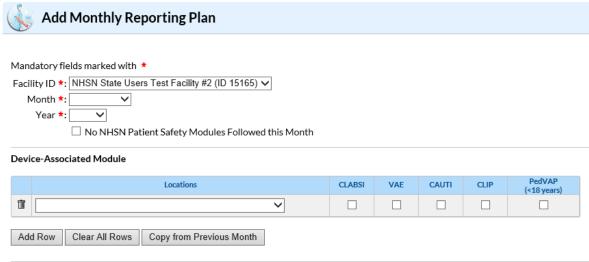


https://www.cdc.gov/nhsn/pdfs/pscmanual/3psc\_monthlyreportingplancurrent.pdf https://www.cdc.gov/nhsn/forms/instr/57\_106.pdf

### **Enter/edit monthly reporting plans**

Select Reporting Plan and Add

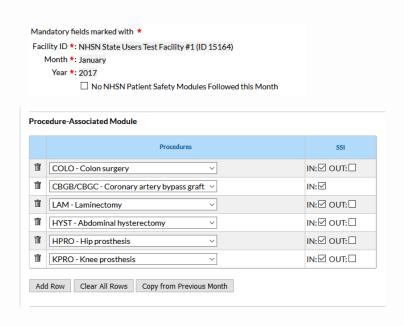


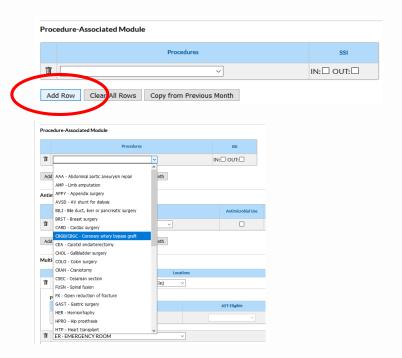




### **Enter/edit monthly reporting plans**

 Ensure that the procedure codes for all procedures for which SSI surveillance is required are represented under "Procedures"







### Report denominator data

- Procedures are entered on the Denominator for Procedure form
- Data collection and reporting based on billing codes
  - ICD-10
  - CPT
- For every month in which no procedures are performed, resolve the "Missing Procedures" alert by checking "No Procedures Performed"
- PDF version of denominator reporting form and table of instructions are useful to review

   NHSN

   NHSN

Exp. Date: 01/31/2021 **Denominator for Procedure** Facility ID Procedure #: \*Patient ID: Social Security #: Secondary ID: Medicare # Middle Patient Name, Last: First: \*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 \*Wound Class: C CC CO D \*General Anesthesia: Yes No ASA Score: 1 2 3 4 5 \*Emergency: Yes No \*Diabetes Mellitus: Yes No \*Closure Technique: Primary Other than primary Surgeon Code: \_lbs/kg (circle one) CSEC: \*Duration of Labor:



### Report denominator data

#### Supporting Materials

#### 2018 Operative Procedure Code Documents

The documents listed below should be used for procedures performed in 2018.

- Update! Current Procedural Terminology (CPT) Procedure Code Mapping to NHSN Operative
   Procedure Codes [XLSX 313K]
- · Additional Guidance for use with NHSN Operative Procedure Codes

Identify applicable procedures

- ICD-10
- CPT
- OR records and billing data

This guidance document may be used for completing the NHSN procedure details for HPRO –
hip arthroplasty and/or KPRO – Knee arthroplasty operation

ELISN ICD-10-PCS Codes – Guidance for Spinal Level and

<ul> <li>FUSN ICD-10-PCS Codes – Guidance for Spinal Level and</li> </ul>	large bower anastonic	usis, see NEC IUI Tectal (	pperations	
This supplemental guidance may be used to complete the s	Category 💌	ICD-10-PCS Codes	Procedure Code Descriptions	Code Status
the Operative Procedure Details section for FUSN proceds  • ICD-10 CM Diabetes Diagnostic Codes [X] [XLSX - 15K]	сого	ODBI F77	Excision of Transverse Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Add
ICD-10-CM codes included in this spreadsheet are accepts "Diabetes Mellitus" for completing the NHSN Operative Programmers of the Completion of the Comple	сого	ODRMF77	Excision of Descending Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Add
<ul> <li>ICD-10-CM/PCS Codes for 'prior infection at hip or knee juguestion</li></ul>	сого	ODBNF77	Excision of Sigmoid Colon, Via Natural or Artificial Opening With Percutaneous Endoscopic Assistance	Add
Use ICD-10-PCS/CM diagnosis or procedure codes include if patient meets criteria for 'prior infection at index joint'.	COLO	0D1607L	Bypass stomach to Transverse Colon with Autologous Tissue Substitute, Open Approach	No Change
Document detailing changes made to the 2017-2018 operative     Undate! Summary of 2017-2018 Code Changes   IXLSX.	COLO	0D160JL	Bypass stomach to Transverse Colon with Synthetic	No Change

This document identifies changes made to the codes 2017-2018 operative procedure codes. It should not be used for identifying NHSN operative procedures or SSI events.



# Report denominator data



- Select Procedure and Add
- Enter procedure and Save

Add Procedure
Mandatory fields marked with *
Fields required when in Plan marked with >
Patient Information
Facility ID *: NHSN State Users Test Facility #1 (ID 15164) V
Patient ID *: Find Find Procedures for Patient
Secondary ID:
Last Name:
Middle Name:
Gender *:
Ethnicity:
Race: American Indian/Alaska Native
☐ Black or African American ☐ Native Hawaiian/Other Pacific Islander
□ White
Procedure Lyformation
NHSN Procedure Code *:
Select button for system used
○ ICD-10 PCS
○ CPT Code
Procedure Date *: 24 Link/Unlink to Event
Zinyonink o Etek
Procedure Details
Outpatient *: Uration (Hrs:Mins) *: :
Wound Class ★: ✓ General Anesthesia ★: ✓
ASA Score:

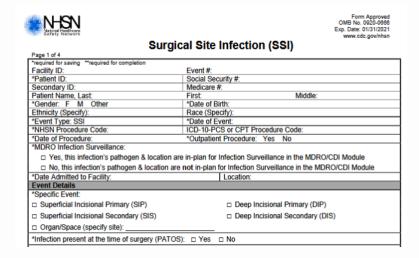


### **Identify numerator data**

- Active surveillance
  - Admission, readmission, ED, and OR logs
  - Patient charts for signs and symptoms of SSI
  - Lab, X-ray, other diagnostic test reports
  - Nurse or physician notes
  - Discuss with primary care staff on ICUs and wards
- Post-discharge surveillance
  - Surgeon or patient surveys by mail or phone
  - Review of postoperative clinic records
  - Line list of all readmissions or ED admissions with diagnosis
  - ICD-10-CM diagnosis codes for infection
  - Notification between facilities

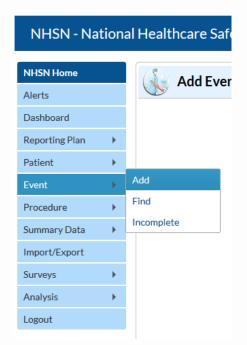


- SSI events are reported on the Surgical Site Infection form
- PDF version of numerator reporting form and table of instructions are useful to review
- Protocols provide definitions, guidelines, and reporting criteria
- For every month in which no SSI events are identified, resolve the "Missing Procedure-Associated Events" alert





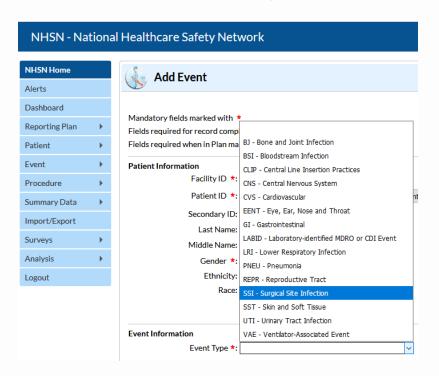
Select Event and Add

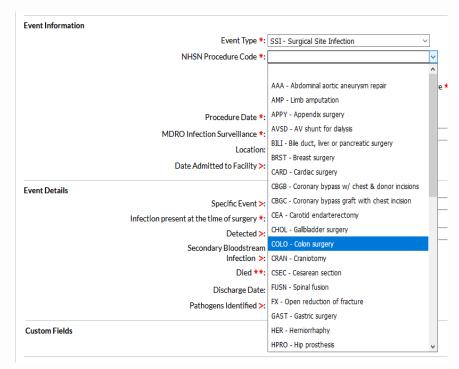


Add Event	
Mandatory fields marked with * Fields required for record completion marked with ** Fields required when in Plan marked with >	
Patient Information  Facility ID *: NHSN State Users Test Facility #1 (ID 15164)   Patient ID *: Find Events for Patient	Event #: Social Security #:
Secondary ID:  Last Name:	Medicare #:  First Name:
Middle Name:  Gender *:  Ethnicity:	Date of Birth *:
Race: American Indian/Alaska Native Asian Black or African American Native Hawaiian/Other Pacific Islander White	
Event Information  Event Type *:   V	Date of Event *: 7.
Custom Fields	
Comments	
Save Back	



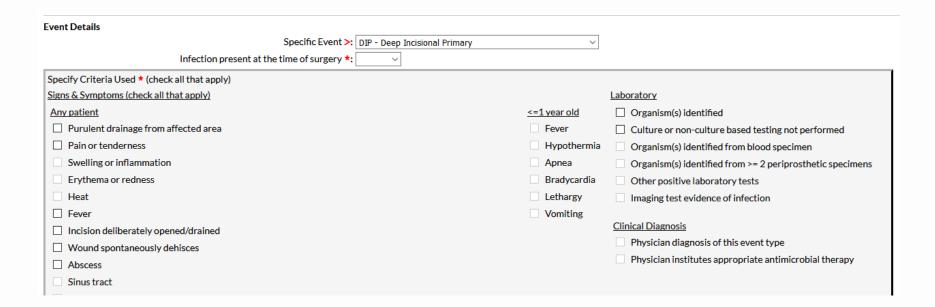
- Select SSI Surgical Site Infection as Event Type
- Select appropriate code under NHSN Procedure Code
- Enter data and Save







- Enter Event Information and Event Details
- Enter data and Save





- SSIs are categorized into five subtypes for each procedure
  - Each has different criteria that must be met
- Superficial incisional SSI
  - Superficial incisional primary (SIP)
  - Superficial incisional secondary (SIS)
- Deep incisional SSI
  - Deep incisional primary (DIP)
  - Deep incisional secondary (DIS)
- Organ/space SSI



# **Example: Superficial incisional SSI**

Criterion	Surgical Site Infection (SSI)
	Superficial incisional SSI
	Must meet the following criteria:
	Date of event for infection occurs within 30 days after any NHSN
	operative procedure (where day 1 = the procedure date)
	AND
	involves only skin and subcutaneous tissue of the incision
	AND
	patient has at least <u>one</u> of the following:
	a. purulent drainage from the superficial incision.
	b. organisms identified from an aseptically-obtained specimen
	from the superficial incision or subcutaneous tissue by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment (for example, not Active Surveillance Culture/Testing (ASC/AST).  c. superficial incision that is deliberately opened by a surgeon, attending physician** or other designee and culture or non-culture based testing is not performed.  AND
	<ul> <li>patient has at least one of the following signs or symptoms: pain or tenderness; localized swelling; erythema; or heat.</li> <li>d. diagnosis of a superficial incisional SSI by the surgeon or attending physician** or other designee.</li> </ul>



# **Example: Organ/space SSI**

### Organ/Space SSI

Must meet the following criteria:

Date of event for infection occurs within 30 or 90 days after the NHSN operative procedure (where day 1 = the procedure date) according to the list in Table 2

#### AND

infection involves any part of the body deeper than the fascial/muscle lavers, that is opened or manipulated during the operative procedure

#### AND

patient has at least one of the following:

- a. purulent drainage from a drain that is placed into the organ/space (for example, closed suction drainage system, open drain, T-tube drain, CT guided drainage)
- b. organisms are identified from fluid or tissue in the organ/space by a culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis or treatment (for example, not Active Surveillance Culture/Testing (ASC/AST).
- c. an abscess or other evidence of infection involving the organ/space that is detected on gross anatomical or histopathologic exam, or imaging test evidence suggestive of infection.

#### AND

meets at least <u>one</u> criterion for a specific organ/space infection site listed in <u>Table 3</u>. These criteria are found in the <u>Surveillance Definitions for Specific Types of Infections chapter.</u>



### **Example: Organ/space SSI**

- BJ Bone and Joint Infection
  - BONE Osteomyelitis
  - DISC Disc space infection
  - JNT Joint or bursa infection
  - PJI Prosthetic joint infection



# **Example: Organ/space SSI**

### PJI – Periprosthetic Joint Infection (for use as Organ/Space SSI following HPRO and KPRO only)

Joint or bursa infections must meet at least <u>one</u> of the following criteria:

- Two positive periprosthetic specimens (tissue or fluid) with at least one matching organism, identified by culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis and treatment, for example, not Active Surveillance Culture/Testing (ASC/AST).
- 2. A sinus tract\* communicating with the joint identified on gross anatomic exam.
- 3. Having three of the following minor criteria:
  - elevated serum C-reactive protein (CRP; >100 mg/L) and erythrocyte sedimentation rate (ESR; >30 mm/hr.)
  - b. elevated synovial fluid white blood cell (WBC; >10,000 cells/μL) count OR "++" (or greater) change on leukocyte esterase test strip of synovial fluid
  - c. elevated synovial fluid polymorphonuclear neutrophil percentage (PMN% >90%)
  - d. positive histological analysis of periprosthetic tissue (>5 neutrophils (PMNs) per high power field)
  - e. organism(s) identified from a single positive periprosthetic specimen (tissue or fluid) by culture or non-culture based microbiologic testing method which is performed for purposes of clinical diagnosis and treatment ,for example, not Active Surveillance Culture/Testing (ASC/AST)
- \* A sinus tract is defined as a narrow opening or passageway that can extend in any direction through soft tissue and results in dead space with potential for abscess formation.



# Surveillance periods for SSI

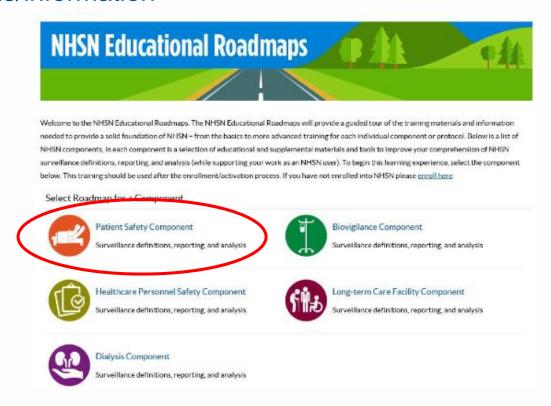
Table 2. Surveillance Periods for SSI Following Selected NHSN Operative Procedure Categories. Day  $\mathbf{1} =$  the date of the procedure.

	30-day Sur	veillanc	e
Code	Operative Procedure	Code	Operative Procedure
AAA	Abdominal aortic aneurysm repair	LAM	Laminectomy
AMP	Limb amputation	LTP	Liver transplant
APPY	Appendix surgery	NECK	Neck surgery
AVSD	Shunt for dialysis	NEPH	Kidney surgery
BILI	Bile duct, liver or pancreatic surgery	OVRY	Ovarian surgery
CEA	Carotid endarterectomy	PRST	Prostate surgery
CHOL	Gallbladder surgery	REC	Rectal surgery
COLO	Colon surgery	SB	Small bowel surgery
CSEC	Cesarean section	SPLE	Spleen surgery
GAST	Gastric surgery	THOR	Thoracic surgery
HTP	Heart transplant	THYR	Thyroid and/or parathyroid
	_		surgery
HYST	Abdominal hysterectomy	VHYS	Vaginal hysterectomy
KTP	Kidney transplant	XLAP	Exploratory Laparotomy
	90-day Sur	veillanc	e
Code	Operative Procedure		
BRST	Breast surgery		
CARD	Cardiac surgery		
CBGB	Coronary artery bypass graft with both	h chest an	d donor site incisions
CBGC	Coronary artery bypass graft with che	st incision	only
CRAN	Craniotomy		
FUSN	Spinal fusion		
FX	Open reduction of fracture		
HER	Herniorrhaphy		
HPRO	Hip prosthesis		
KPRO	Knee prosthesis		
PACE	Pacemaker surgery		
PVBY	Peripheral vascular bypass surgery		
VSHN	Ventricular shunt		

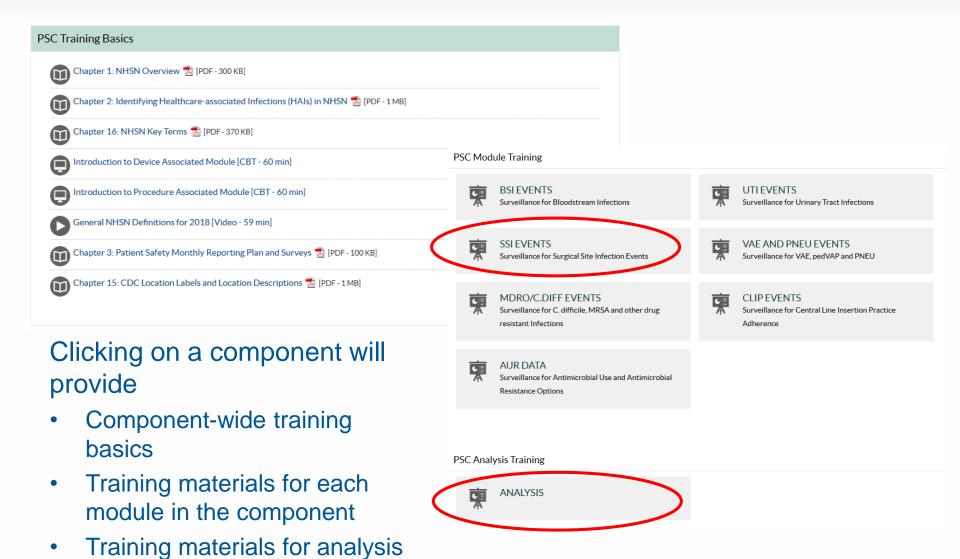


### Complete self-guided training

NHSN's Educational Roadmaps provide a guided tour to training materials/information









CDC > NHSN Home > NHSN Educational Roadmaps > Patient Safety Component Roadmap

### SSI - Surveillance for Surgical Site Infection Events



D	Chapter 9: Surgical Site Infection (SSI) Event 📆 [PDF - 1 MB]
D	Chapter 17: CDC/NHSN Surveillance Definitions for Specific Types of Infections 📜 [PDF - 1 MB]
•	Surgical Site Infection (SSI) Event 2018 [CBT - 60 min]
>	Surgical Site Infections (SSI) Event Form - PATOS (June 2017) [Video - 6 min]
>	SSI Surveillance with Case Studies Part 1 - 2018 [Video - 59 min]
>	SSI Surveillance with Case Studies Part 2 - 2018 [Video - 83 min]
3	FAQs: Surgical Site Infections (SSI) Events
3	FAQs: Surgical Site Procedure Codes
Ð	Procedure Code Documents 2018  Procedure Code Documents for Previous Years [must open "Resources" menu to access documents]
9	Surgical Site Infections (SSI) Event Form 📆 [PDF - 400 KB] (Print-only)  Table of Instructions 📆 [PDF - 400 KB]
D	Denominator for Procedure Form 🔁 [PDF - 300 KB] (Print-only)  Table of Instructions 🔁 [PDF - 300 KB]
3	Denominator for Custom Procedure Form 🃆 [PDF - 300 KB] (Print-only)



### **Analysis**







### Phase 1: Getting Started with NHSN Analysis

Your first stop on the NHSN Analysis Roadmap is to understand the basic elements of the NHSN analysis features and basic statistics.



Introduction to NHSN Analysis - 2018 [Video - 50 min]



Introduction to NHSN Analysis 7 [PDF - 4 MB]

Explanation of different analysis reports users can run and how to modify them



General Tips and Tools for NHSN Analysis 7 [PDF - 150 KB]

Quick reminders to ensure optimal generation and interpretation of your data



Basic Statistics for NHSN Analysis [Video - 11 min]

Explanation of introductory statistical concepts to aid the interpretation of certain NHSN analysis reports

### Phase 2: Standardized Infection Ratio (SIR) for Reporting Purposes

Your next stop is to understand how to generate reports required for reporting purposes. Select the appropriate report for the specific HAI you'd like to run analyses for. These reports reflect the data and necessary criteria to comply with various Centers for Medicare and Medicaid Services (CMS) Quality Reporting Programs For more information about how HAI data is risk adjusted to generate a specific SIR, please visit NHSN's Guide to the SIR T [PDF - 3 MB].

### Acute Care Hospitals

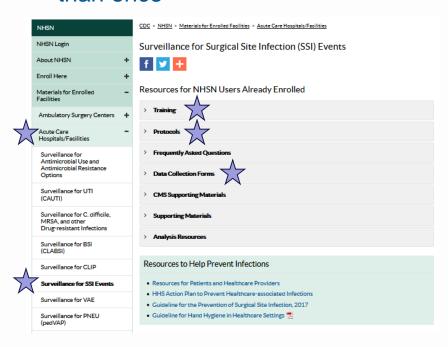


Using the "SIR - CLABSI Data for Hospital IQR" Output Option 🗖 [PDF - 250 KB]

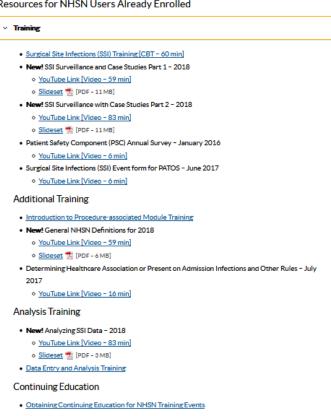


# Complete self-guided training

- NHSN Materials for Enrolled Facilities
  - Training, Protocols, Data Collection Forms
  - Some resources may be provided more than once

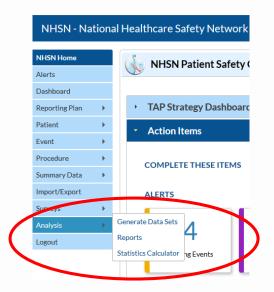


#### Resources for NHSN Users Already Enrolled

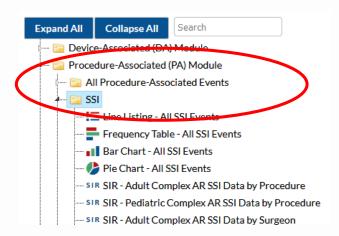




# Review your SSI data



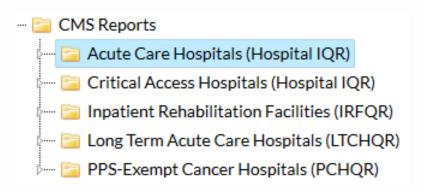
- In analyses, SSIs are always presented in the month the procedure was performed regardless of when event occurred
- Analysis > Generate Dataset
- Analysis > Reports
  - PA Module > All Procedure-Associated Events > SSI (2015 baseline)

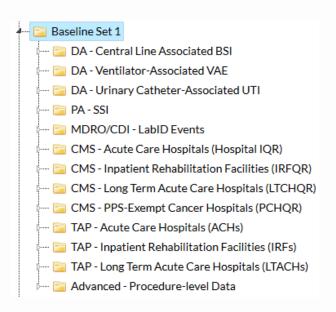




## Review your SSI data

- CMS reports
  - SIR by facility type, based on IQR reporting
- BS1 provides SSI data under the original baseline



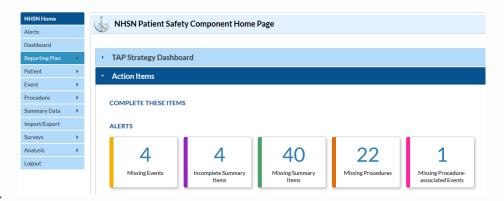




## Review your SSI data

- Reports can be customized to include specific subsets of data (custom date range, for example)
- Advanced options provide data by pathogen, location, additional line listing options

- Alerts
  - Displayed upon login
  - Can be found via navigation bar
  - Resolve to improve data quality
- OHA's Internal Validation Guidance





### **Review NHSN materials in AJIC**

- NHSN publishes case studies in the American Journal of Infection Control (AJIC)
  - Open access
  - Case studies using current protocols
  - Provides questions, answers, and rationale for protocol application
  - Summaries of past case studies
- Links in June 2018 NHSN newsletter
  - June 2017 AJIC
  - December 2017 AJIC
  - May 2018 AJIC



# Participate in the HAIAC

- OHA's HAIAC is a multidisciplinary group of stakeholders including providers, consumers, insurers and experts that provide the HAI program with oversight and input regarding HAI surveillance and prevention
- Meetings occur quarterly
  - Remote option available
  - In person at 800 NE Oregon St., Portland, OR
- Anyone may attend and apply for vacant committee positions
- We are currently seeking to fill the following vacancies:
  - Healthcare Insurer Representative
  - Patient and Consumer Advocate/Representative
- Visit the website to see schedule and meeting materials



# Join the CDC's One & Only Campaign

### Who can be a member?

- Professional and nonprofit organizations
- Healthcare systems
- Provider groups
- Private companies

### What do members do?

- Raise awareness
- Share materials
- Receive updates
- Be recognized



To join, email <u>injectionsafety@cdc.gov</u>



# Subscribe to the CD Summary

- 2-page newsletter followed by short quiz for free CMEs
- Audience: licensed health care providers, public health and health care agencies, media representatives, medical laboratories, hospitals, those interested in epidemiology and public health



#### TAKING A SHOT AT INJECTION SAFETY

https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/CDSUMMARYNEWSLETTER/Pages/index.aspx



### Follow us on Facebook

https://www.facebook.com/Oregon.aware





### Resources & references

- OHA resources
  - OAR: https://secure.sos.state.or.us/oard/displayChapterRules.action?selectedChapter=89
  - Facebook: <a href="https://www.facebook.com/Oregon.aware">https://www.facebook.com/Oregon.aware</a>
  - HAI Program Publications and Maps: <a href="https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/Pages/Reports-and-Data.aspx">https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/Pages/Reports-and-Data.aspx</a>
  - HAI Reporting Poster: <a href="https://www.oregon.gov/oha/PH/DiseasesConditions/CommunicableDisease/ReportingCommunicableDisease/ReportingCommunicableDisease/Documents/ReportingPosters/poster-hai.pdf">https://www.oregon.gov/oha/PH/DiseasesConditions/CommunicableDisease/ReportingCommu
  - Exemptions Proposal Summary:
     https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/Documents/haiac-meetings/2018/March\_%2028\_%202018\_Meeting%20Materials.pdf
  - CD Summary: https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/CDSUMMARYNEWSL ETTER/Pages/index.aspx
  - HAIAC:
     <a href="https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/PREVENTION/Pages/meetings.aspx">https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/PREVENTION/Pages/meetings.aspx</a>

    Output

    Description:
  - Internal Validation Guidance:
  - <a href="https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/REPORTING/Documents/Hosp\_HAI\_Intern\_Valid\_Guide\_2017.pdf">https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/COMMUNICABLEDISEASE/HAI/REPORTING/Documents/Hosp\_HAI\_Intern\_Valid\_Guide\_2017.pdf</a>

### Resources & references

- DHHS Action Plan: <a href="https://health.gov/hcg/prevent-hai-action-plan.asp">https://health.gov/hcg/prevent-hai-action-plan.asp</a>
- CDC resources:
  - NHSN Protocols, forms, TOIs, and trainings:
    - https://www.cdc.gov/nhsn/acute-care-hospital/ssi/index.html
    - https://www.cdc.gov/nhsn/forms/57.120\_SSI\_BLANK.pdf
    - https://www.cdc.gov/nhsn/forms/instr/57\_120.pdf
    - https://www.cdc.gov/nhsn/forms/57.121 DenomProc BLANK.pdf
    - https://www.cdc.gov/nhsn/forms/instr/57\_121.pdf
    - https://www.cdc.gov/nhsn/pdfs/newsletters/nhsn-nl-jun18-508.pdf
    - https://www.cdc.gov/nhsn/PDFs/pscManual/15LocationsDescriptions\_current.pdf
    - <a href="https://www.cdc.gov/nhsn/pdfs/pscmanual/1psc\_overviewcurrent.pdf">https://www.cdc.gov/nhsn/pdfs/pscmanual/1psc\_overviewcurrent.pdf</a>
    - <a href="https://www.cdc.gov/nhsn/pdfs/pscmanual/3pscmonthlyreportingplancurrent.pdf">https://www.cdc.gov/nhsn/pdfs/pscmanual/3pscmonthlyreportingplancurrent.pdf</a>
    - https://www.cdc.gov/nhsn/pdfs/pscmanual/9pscssicurrent.pdf
    - https://www.cdc.gov/nhsn/pdfs/training/2018/ssi-508.pdf
    - <a href="https://www.cdc.gov/nhsn/pdfs/training/enroll/nhsn\_getting\_started.pdf">https://www.cdc.gov/nhsn/pdfs/training/enroll/nhsn\_getting\_started.pdf</a>
    - https://www.cdc.gov/nhsn/training/roadmap/psc/analysis.html
    - <a href="https://www.cdc.gov/nhsn/training/roadmap/psc-roadmap.html">https://www.cdc.gov/nhsn/training/roadmap/psc-roadmap.html</a>
  - One & Only Campaign membership: <a href="http://www.oneandonlycampaign.org/campaign-members">http://www.oneandonlycampaign.org/campaign-members</a>
  - HAI Progress report: <a href="https://www.cdc.gov/HAI/pdfs/progress-report/hai-progress-report.pdf">https://www.cdc.gov/HAI/pdfs/progress-report/hai-progress-report.pdf</a>



### **Questions & discussion**

Join our next Lunch & Learn webinar!

Oregon's First Statewide Antibiogram and Multidrug-Resistant
Organism Highlights

October 9, 2018, 12pm-1pm

Register here:

https://register.gotowebinar.com/register/26194057709597186

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