



SSI Workshop PART 1: SSI: Finding, Reporting, Analyzing (SIR)

March 2011



HAI Liaison Program
Hospital-Associated Infection Program
Center for Health Care Quality
California Dept of Public Health

SSI Workshop Objectives

1. Clarify CDPH's new SSI reporting requirements via NHSN
2. Review NHSN SSI surveillance protocols and definitions
3. Demonstrate data entry for the NHSN procedure-associated module
4. Describe data import options (and suggestions for CSV file development)
5. Use NHSN analysis for SSI data (including how to interpret SIR)



SB 1058 SSI Reporting Requirements

Hospitals to

- Report quarterly
- All healthcare-associated surgical site infections of deep or organ space
- Orthopedic, cardiac, and gastrointestinal surgical procedures designated clean and clean-contaminated

CDPH to

- Post SSI public report, Jan 2012
- Follow risk adjustment process consistent with NHSN methods



Health and Safety Code Section 1288.5



SB 1058 SSI Reporting Requirements

Requirements are in conflict! Can't report "all" and also risk adjust

- Risk adjustment now requires use of NHSN system because of SIR
- Hospitals cannot feasibly perform surveillance on "all" cardiac, orthopedic, and gastrointestinal surgeries if NHSN required

THEREFORE, California's HAI Advisory Committee recommended (and CDPH accepted) hospitals select 2 procedures to begin SSI reporting via NHSN



Sample Reporting Form for Surgical Site Infections (v3a)*

Name of Facility: _____

Quarter (circle one) 1 2 3 4 Year of Report: _____

Update of prior quarterly report: _____

Facility NHSN ID#: _____

Name of Person Completing Report: _____

Contact Information:

Email: _____ Phone: _____

For surgeries performed on or after April 1, 2011, CDPH will no longer accept forms via fax or email for reporting SSI

Healthcare associated Surgical Site Infections (SSIs)	Number of Cases	Denominator
1. Deep or organ/space SSIs not reported through NHSN		# of procedures
A. Orthopedic (consider total knee/hip)		
B. Cardiac (consider <u>mediastinitis</u> following CABG)		
C. GI (consider colon resection)		
D.		
E.		

Comments: _____

Upon completion, please email this to infectioncontrol@cdph.ca.gov
or
fax to "HAI Program" at (510) 620-3989.

CDPH New SSI Reporting Method

- Commencing April 1, 2011, CDPH will only accept SSI data that is entered through NHSN
- NHSN protocols must be followed
 - NHSN requires reporting superficial, deep, and organ space infections
 - NHSN requires reporting clean, clean-contaminated, contaminated, and dirty procedures
- CDPH will ONLY include in public report
 - Deep and organ space infections
 - Procedures designated as clean & clean-contaminated



Required SSI Reporting as of April 1, 2011

- Must follow CABG and hip prosthesis procedures if your hospital performs those surgeries

Description	Operative Procedure	ICD-9-CM Codes
Arthroplasty of hip	Hip prosthesis (HPRO)	00.70-00.73, 00.85-00.87, 81.51-81.53
Chest procedure to perform direct revascularization of the heart; includes obtaining suitable vein from donor site for grafting.	Coronary artery bypass graft with both chest and donor site incisions and Coronary artery bypass graft with chest incision only (CBCB, CBGC)	36.10-36.14, 36.19 36.15-36.17, 36.2
Chest procedure to perform direct vascularization of the heart using, for example, the internal mammary (thoracic) artery		

*Note: typo in original AFL; correction (**CBGB**, CBGC)*

Required SSI Reporting as of April 1, 2011

- If not performing CABG or hip prosthesis surgeries, select procedure(s) from list*
- Every hospital must report SSI for 2 procedures
- Selection based on hospital risk assessment, considering
 - Volume per year (>25)
 - Rate of infection
- Guidance on procedure selection available through the HAI Liaison Program**



* AFL 11-23, Appendix A: NHSN Operative Procedures

** Designated Liaison IP list found at www.cdph.ca/HAI



Required SSI Reporting as of April 1, 2011

If not performing CABG or hip prosthesis, other NHSN procedures that align with SB 1058 can be selected

Options:

KPRO	COLO
FX	REC
LAM	SB
FUSN	CHOL
RFUSN	APPY
CARD	GAST
PACE	BILI



*AFL 11-23, Appendix A: NHSN Operative Procedures



Required SSI Reporting as of April 1, 2011



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National Healthcare Safety Network (NHSN)

www.cdc.gov/nhsn/TOC_PSCManual

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NHSN Patient Safety Component Manual

NHSN Forms Update

Vaccination Module Update

The **HRIIV Module** is being replaced with the **Updated Vaccination Module** back in a few weeks.

Table of Contents

1. [NHSN Overview](#) [PDF - 52KB]
April 2010
2. [Identifying Healthcare-associated Infections \(HAIs\) in NHSN](#) [PDF - 84KB]
March 2009.
3. [Patient Safety Monthly Reporting Plan](#) [PDF - 26KB]
November 2009.

Device-Associated Module

4. [Central Line-Associated Bloodstream Infection \(CLABSI\) Event](#) [PDF - 169KB]

Procedure-Associated Module

9. [Surgical Site Infection \(SSI\) Event](#) [PDF - 258KB]
Guidelines and procedures for monitoring SSI.
October 2010

Must follow NHSN protocols for identifying and reporting SSI and procedure information



Required SSI Reporting as of April 1, 2011

- Hospitals that do not expect to perform ANY of the listed procedures* in 2011 should notify CDPH by email

InfectionControl@cdph.ca.gov



*AFL 11-23, Appendix A: NHSN Operative Procedures



Questions?

InfectionControl@cdph.ca.gov

