

MUSC Medical Center

Hospital Infections Disclosure Act Report

Reported by: South Carolina Department of Health and Environmental Control

Surgical Site Infection (SSI) Rate by Procedure and Risk Index

Data Collected: 01/01/2013 - 12/31/2013

Procedure	Risk Category^{a,b,c}	No. of Infections	No. of Specific Procedures Performed^d	Infection Rate (per 100 Procedures)
Coronary Bypass Graft (Chest and Donor Incision)				
	1	3	120	2.50
	2	2	35	5.71
Coronary Bypass Graft (Chest Only Incision)				
	0,1	*	10	*
	2,3	*	4	*
Abdominal Hysterectomy				
	0	0	34	0.00
	1	1	105	0.95
	2,3	7	114	6.14
Hip Prosthesis (Replacement)				
	0	0	28	0.00
	1	1	117	0.85
	2,3	1	52	1.92
Knee Prosthesis (Replacement)				
	0	0	53	0.00
	1	0	99	0.00
	2,3	3	68	4.41
Colon Surgery				
	0	4	44	9.09
	1	12	119	10.08
	2	4	91	4.40
	3	*	18	*

a. Basic SSI Risk Index: NHSN assigns surgical patients into risk categories based on the presence of one or more of three major risk factors. For further explanation see [Definition of Terms](#).

b. If there is more than one risk category in a row (e.g., 2, 3), it means that the risk of infection between the individual categories was not different statistically, so the data from those categories shown were combined.

c. If you do not see a risk category, it means that no surgeries were performed for that particular risk category.

d. *= Too few procedures. Reporting on too few procedures is a risk to patient confidentiality and data stability. If less than twenty surgical procedures are performed, the rate and number of infections will be suppressed until more procedures are performed.

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Central Line Associated Blood Stream Infection (CLABSI) Rate

Data Collected: 01/01/2013 - 12/31/2013

Location^a	No. of Infections	No. of Central Line Days^{b,c}	Infection Rate (per 1000 Central Line Days)
All Adult Critical Care Units	19	15135	1.3
All Adult Inpatient Wards	8	19564	0.4
All Pediatric Critical Care Units	2	5102	0.4
All Pediatric Inpatient Wards	3	3830	0.8
Pediatric Hematology/Oncology Ward - Temporary Central Line	0	612	0.0
Pediatric Hematology/Oncology Ward - Permanent Central Line	2	2566	0.8
Level III Neonatal Intensive Care Unit	5	3621	1.4
Oncology Leukemia/Lymphoma Ward - Temporary Central Line	10	1653	6.0
Oncology Leukemia/Lymphoma Ward - Permanent Central Line	8	4850	1.6

a. The specific patient care area in which a patient is assigned while receiving care in the healthcare facility. All adult and pediatric critical care units (except NICUs) are combined into one rate; all adult and pediatric inpatient wards are combined into one rate for this report.

b. Central line days are the total number of days a central line is in place for all patients in selected hospital locations.

A central line day calculation example can be found in the [Definitions of Terms](#).

c. * = Too few central line days. Reporting on too few central line days is a risk to confidentiality and data stability. If there are less than fifty central lined days, the rate and number of infections will be suppressed until there are more central line days to report.

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Methicillin-resistant Staphylococcus aureus bloodstream infection (MRSA BSI) LabID Event Data

Facility Wide Inpatient Data Collected: 01/01/2013 - 12/31/2013

Hospital Onset MRSA BSI LabID Event Data		
No. Patient Days	No. Hospital Onset MRSA BSI LabID Events^a	MRSA BSI Incidence Density Rate per 1000 Patient Days^b
225039	12	0.053

a. Hospital Onset: LabID event specimen collected as an inpatient >3 days after admission to the facility (i.e., on or after day 4)

b. MRSA BSI Infection Incidence Density Rate = (No. of Hospital Onset MRSA BSI labID events/ No. of patient days of the facility) x 1000