

Appendix 2.6: LabID Event Facility-Wide Inpatient (FacWideIN) Denominator Validation Template

“FacWideIN” includes all patient days counted at the same time each day for all inpatient locations, including any patients located for the day in inpatient locations, whether or not the facility considers them admitted patients or observation patients, but excluding any patients located for the day in outpatient observation locations. This information is typically collected electronically. Because the task of validating electronic patient days and admissions facility-wide is daunting, denominator validation can be accomplished using manual counting of patient days and admissions in three specified location types for three months each: one ICU, one Labor/Delivery/Recovery/Post-Partum (LDRP) location (if available), and one or more inpatient wards where observation patients are frequently located. Electronic counts should be within 5% of manual counts or an evaluation of why they differ should be conducted.

MRSA Bacteremia LabID Event Denominators: Internal Validation							
Location of Validation*	Month of Validation (specify)	Admissions			Patient Days		
		Usual Count	5% Tolerance interval**	Manual Count	Usual Count	5% Tolerance interval**	Manual Count
	1						
	2						
	3						
	1						
	2						
	3						
	1						
	2						
	3						
<p>*Select one ICU, one Labor/Delivery/Recovery/Post-Partum (LDRP) location if available, and one or more inpatient ward location where observation patients are frequently located and conduct manual (patient level) validation of admissions and patients days for three months, according to NHSN definitions (http://www.cdc.gov/nhsn/PDFs/pscManual/12pscMDRO_CDADcurrent.pdf, and http://www.cdc.gov/nhsn/forms/instr/57_127.pdf).</p> <p>Remember that for MRSA bacteremia surveillance both mothers and babies are counted in LDRP locations.</p> <p>**Equation for 5% tolerance interval is: Usual Count \pm (Usual Count * 0.05). Example calculations where Usual Count = 164 and Manual Count = 178: Eligible 5% tolerance interval = $[164 \pm (164 * 0.05)] = 155.8$ to 172.2 Manual Count 178 falls outside the tolerance interval, suggesting that Usual Count is inaccurate and should be investigated.</p>							

CDI LabID Event Denominators: Internal Validation							
Location of Validation*	Month of Validation (specify)	Admissions			Patient Days		
		Usual Count	5% Tolerance interval**	Manual Count	Usual Count	5% Tolerance interval**	Manual Count
	1						
	2						
	3						
	1						
	2						
	3						
	1						
	2						
	3						

*Select one ICU, one Labor/Delivery/Recovery/Post-Partum (LDRP) location if available, and one or more inpatient ward location where observation patients are frequently located and conduct manual (patient level) validation of admissions and patients days for three months, according to NHSN definitions (http://www.cdc.gov/nhsn/PDFs/pscManual/12pscMDRO_CDADcurrent.pdf, and http://www.cdc.gov/nhsn/forms/instr/57_127.pdf).

Remember that for CDI surveillance, **only mothers (and not babies)** are counted in LDRP locations.

**Equation for 5% tolerance interval is: Usual Count \pm (Usual Count * 0.05).
 Example calculations where Usual Count = 164 and Manual Count = 178:
 Eligible 5% tolerance interval = $[164 \pm (164 * 0.05)] = 155.8$ to 172.2
 Manual Count 178 falls outside the tolerance interval, suggesting that Usual Count is inaccurate and should be investigated.