

## Appendix 2.2: Documentation of Electronic CLABSI/CAUTI Denominator Validation

Date: \_\_\_\_\_

*Instructions: NHSN requires that the monthly electronic denominator count fall within a 5% tolerance interval of the monthly manual denominator counts for 3 months before reporting electronic denominator counts for CLABSI/CAUTI. If there is no electronic denominator counting at this facility, skip this survey. If electronic device denominator counting is used for reporting at this facility, document the NHSN-required validation results below:*

**Initial electronic denominator validation (when electronic denominator reporting began):**

Location name:		Manual Count	*Calculated 5% tolerance interval	Electronic Count
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			
Location name:				
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			
Location name:				
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			

**If available, please document additional information for any more recent electronic denominator validation:**

Location name:		Manual Count	*Calculated 5% tolerance interval	Electronic Count
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			
Location name:				
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			
Location name:				
Month/year:	Patient days			
	Central line days			
	Indwelling urinary catheter days			

\*Equation for 5% tolerance interval is  $\text{Manual Count} \pm (\text{Manual Count} * 0.05)$ .  
 Example calculations where Manual Count = 164 and Electronic Count = 178:  
 Eligible 5% tolerance interval =  $[164 \pm (164 * 0.05)] = 155.8$  to  $172.2$   
 Electronic Count 178 falls outside the tolerance interval.