

Operational Guidance for Acute Care Hospitals to Report Central Line-Associated Bloodstream Infection (CLABSI) Data to CDC's NHSN for the Purpose of Fulfilling CMS's Hospital Inpatient Quality Reporting (IQR) Requirements

The Centers for Medicare and Medicaid Services (CMS) published final rules in the *Federal Register* on August 16, 2010 that include central line-associated bloodstream infection (CLABSI) reporting from acute care hospitals via the Centers for Disease Control and Prevention's (CDC's) National Healthcare Safety Network (NHSN) in the CMS Hospital Inpatient Quality Reporting (IQR) Program requirements for 2011. More specifically, the rule announced a reporting requirement for CLABSI data from acute care hospitals beginning on January 1, 2011. This operational guidance provides additional information about reporting CLABSIs to NHSN as part of the Hospital IQR Program. The requirements for CLABSI reporting to NHSN for this CMS program do not preempt or supersede any state mandates for CLABSI reporting to NHSN (i.e., hospitals in states with a CLABSI reporting mandate must abide by their state's requirements, even if they are more extensive than the requirements for this CMS program).

NHSN users reporting CLABSI data to the system must adhere to the definitions and reporting requirements for CLABSIs as specified in the NHSN Patient Safety Component Protocol Manual http://www.cdc.gov/nhsn/psc_da.html. This includes reporting of denominator data (patient days and central line days), as well as CLABSIs, which are defined as primary bloodstream infections, i.e., not secondary to an infection at another body site, that are laboratory-confirmed and occur when a central line or umbilical catheter is in place or was in place within 48 hours before onset of the event, from each patient care location in which facilities are required to monitor and report CLABSIs.

Acute care hospitals must report CLABSIs and associated denominator data for infections that occur on or after January 1, 2011 from all adult, pediatric, and neonatal intensive care units



(ICUs). At this time, reporting is not required from any other (non-ICU) patient care location types within acute care hospitals.

Unless a hospital submits a “Hospital IQR Program Healthcare Associated Infection (HAI) Exception Form” (available through QualityNet) to indicate that they have no adult, pediatric, or neonatal ICU locations (in accordance with NHSN Critical Care location definitions), monthly reporting plans must be created or updated in NHSN to include CLABSI surveillance in all locations from which reporting is required, i.e., CLABSI surveillance must be in the monthly reporting plans (“in-plan”) in order for data to be shared with CMS. All data fields required for both numerator and denominator data collection must be submitted to NHSN, including the “no events” field for any month during which no CLABSI events were identified. Data must be reported to NHSN by means of manual data entry into the NHSN web-based application or via file imports using the Clinical Document Architecture (CDA) file format for numerator and denominator data (resources available at http://www.cdc.gov/nhsn/CDA_eSurveillance.html).

CDC/NHSN requires that data be submitted on a monthly basis and strongly encourages healthcare facilities to enter each month’s data within 30 days of the end of the month in which it is collected (e.g., all March data should be entered by April 30) so it has the greatest impact on infection prevention activities. However, for purposes of fulfilling CMS quality measurement reporting requirements, each facility’s data must be entered into NHSN no later than 4 ½ months after the end of the reporting quarter. In other words, Q1 (January/February/March) data must be entered into NHSN by August 15, Q2 must be entered by November 15, Q3 must be entered by February 15, and Q4 must be entered by May 15 for data to be shared with CMS.

CLABSI data submitted to NHSN by hospitals that have completed their Annual Payment Update (APU) pledges will be reported by CDC to CMS for each hospital. CDC will share all in-plan CLABSI data from locations that are required to report CLABSIs (adult, pediatric, and neonatal ICUs for acute care hospitals). CDC will provide a hospital-specific CLABSI standardized infection ratio (SIR) for each reporting hospital.

