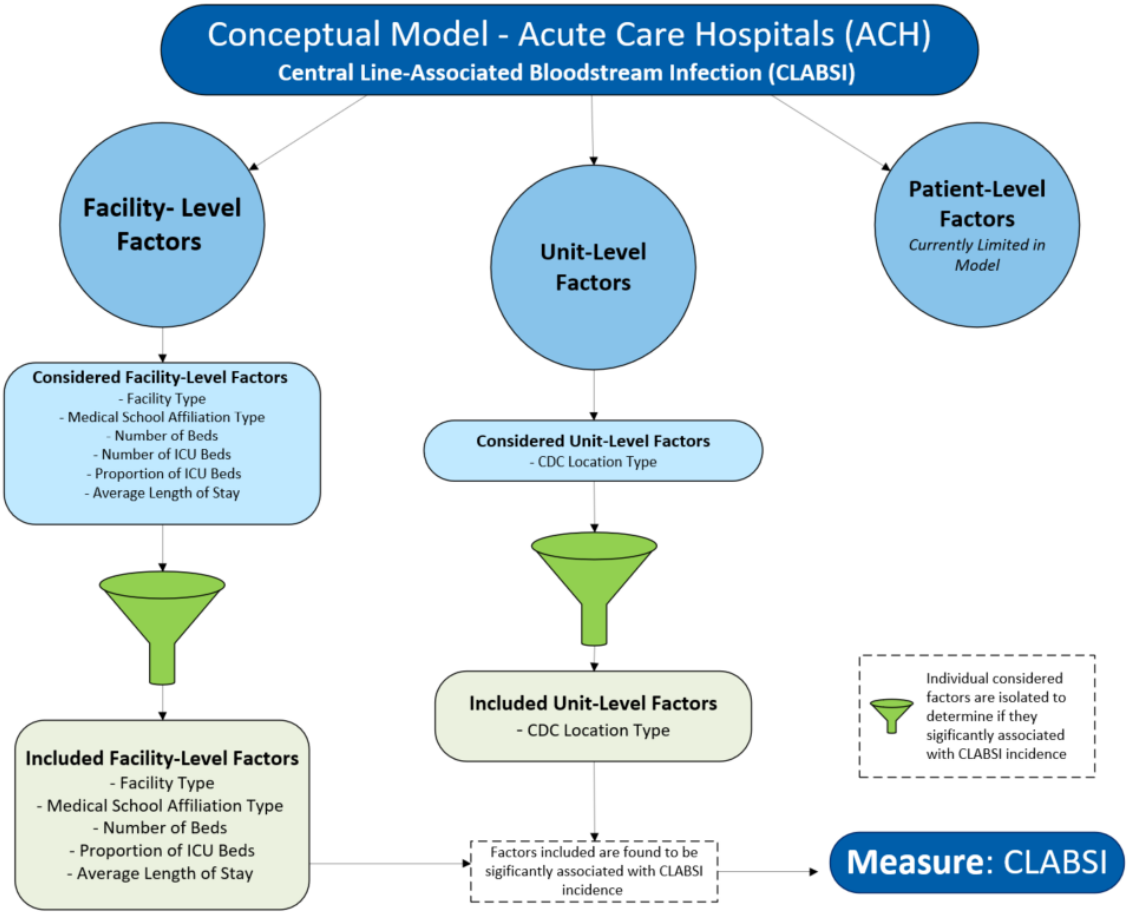
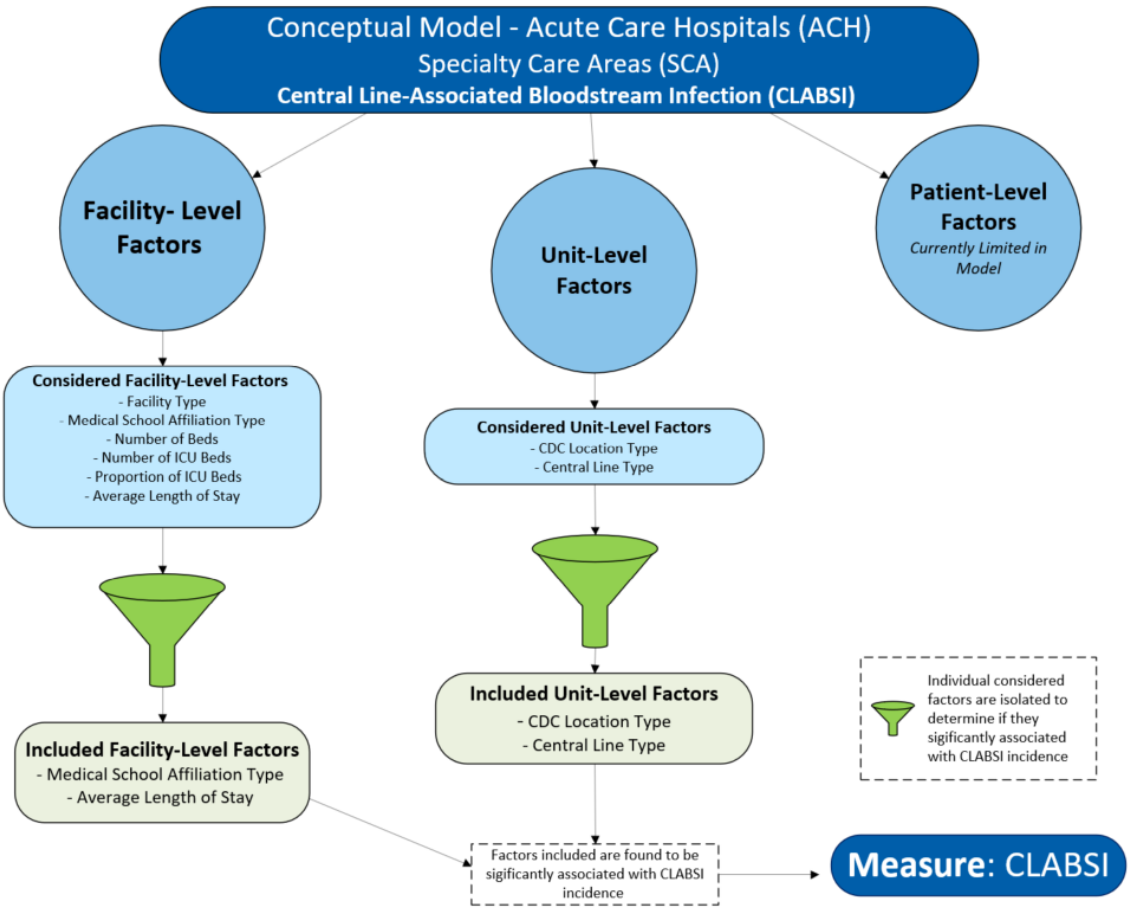
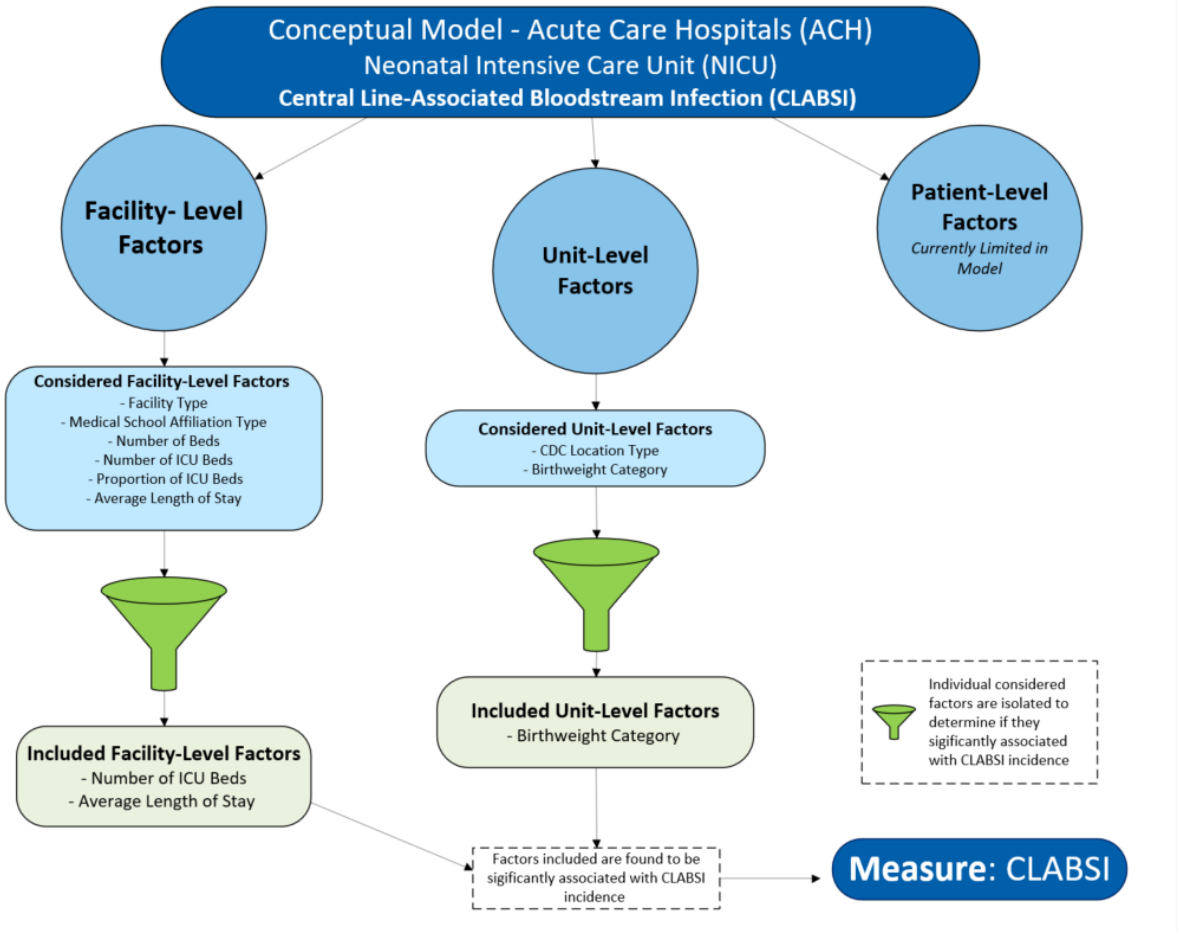
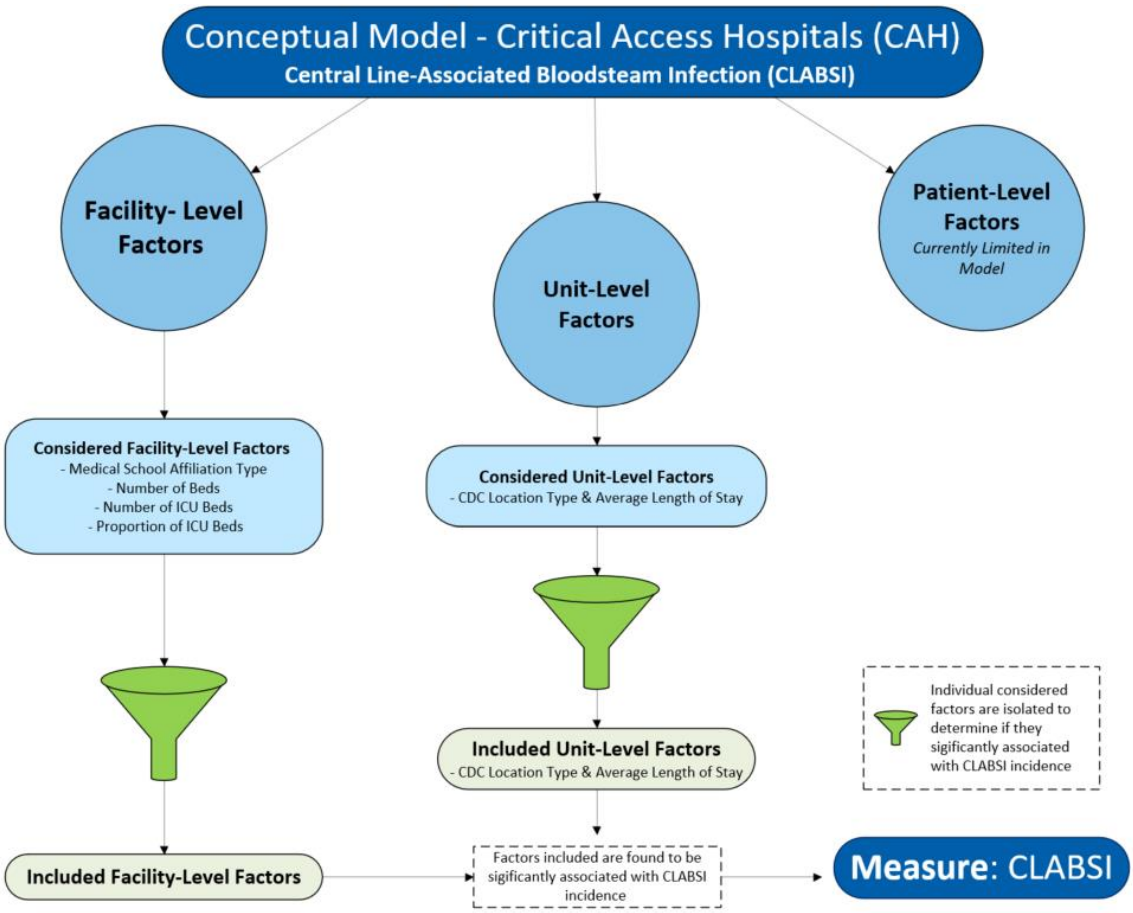
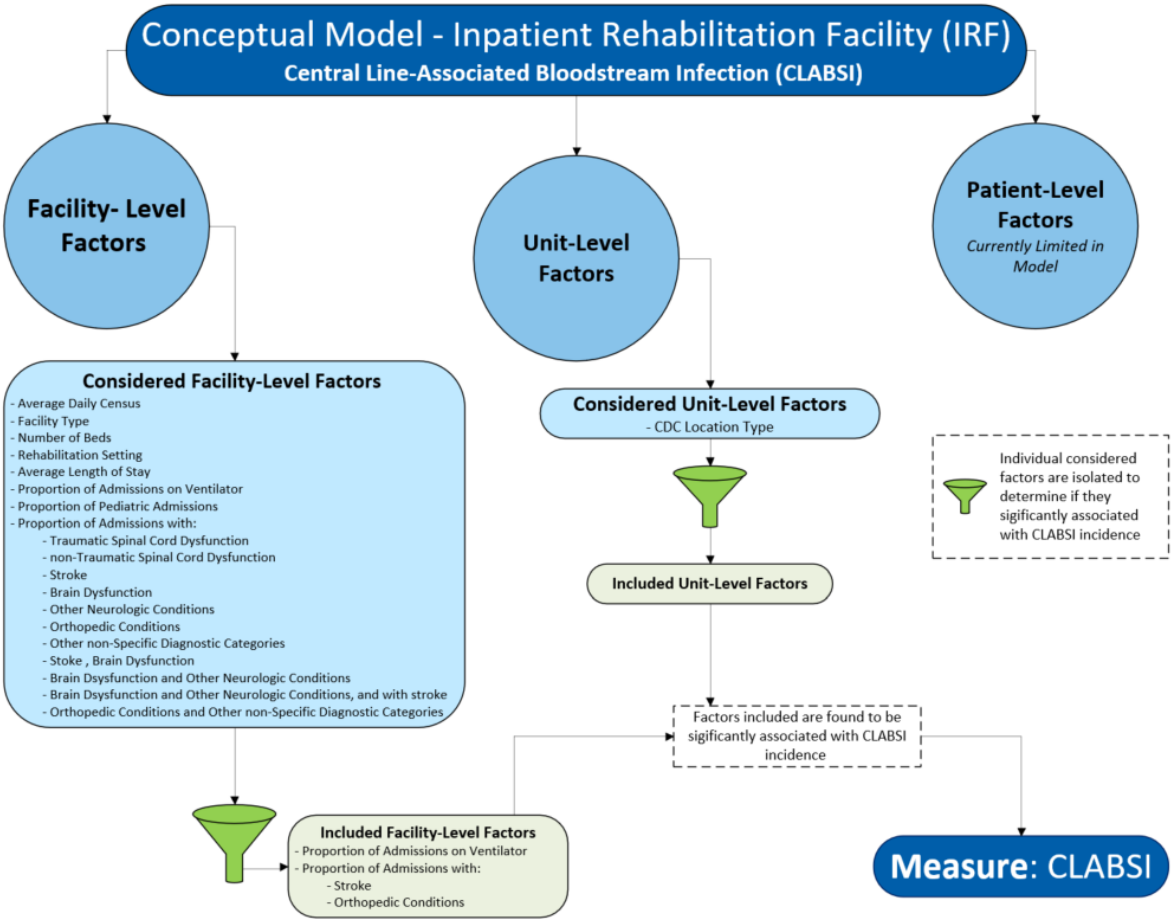
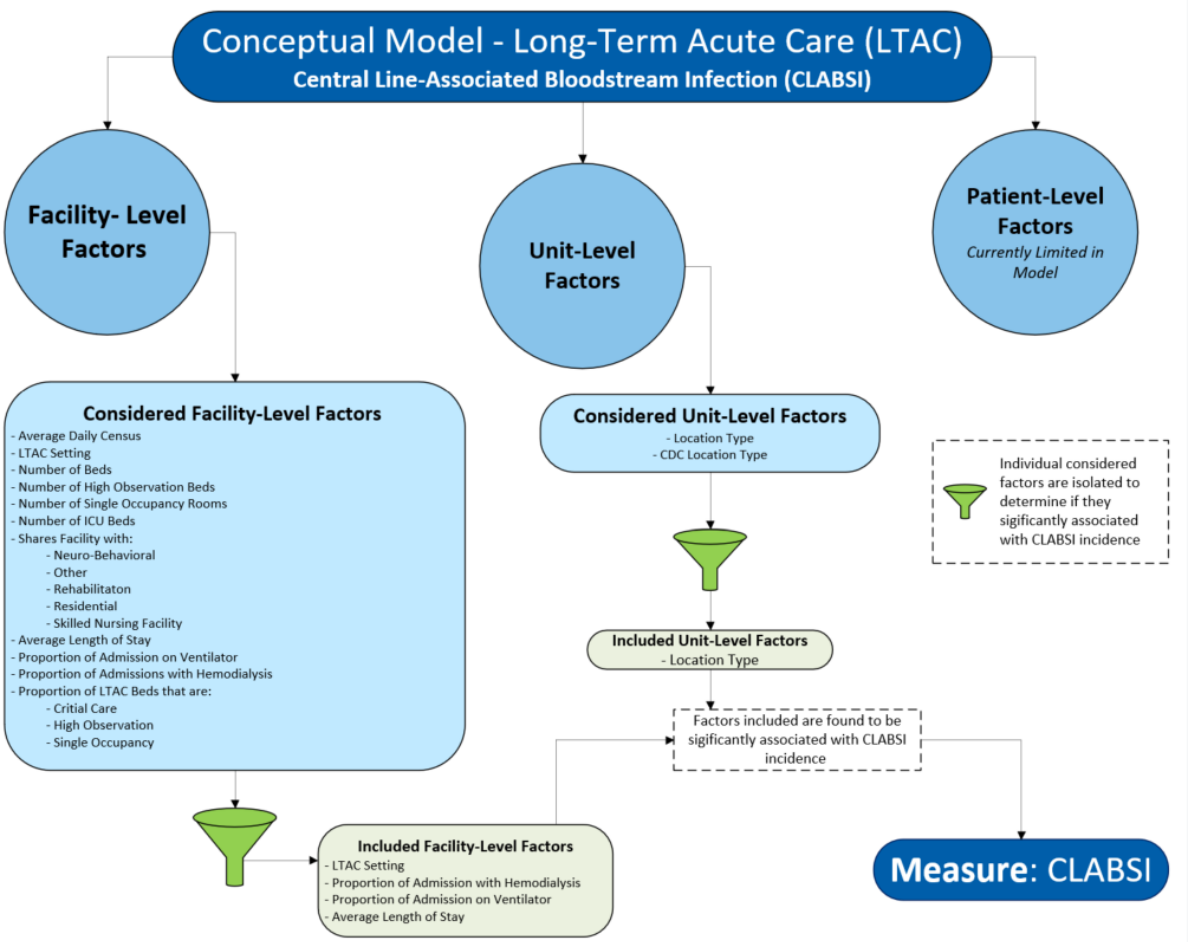

Conceptual Model - Acute Care Hospitals (ACH)
Central Line-Associated Bloodstream Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Facility Type
- Medical School Affiliation Type
- Number of Beds
- Number of ICU Beds
- Proportion of ICU Beds
- Average Length of Stay
Considered Unit-Level Factors
- CDC Location Type
Included Unit-Level Factors
- CDC Location Type
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Included Facility-Level Factors
- Facility Type
- Medical School Affiliation Type
- Number of Beds
- Proportion of ICU Beds
- Average Length of Stay
Factors included are found to be sigificantly associated with CLABSI incidence
Measure: CLABSI


Conceptual Model - Acute Care Hospitals (ACH)
Specialty Care Areas (SCA)
Central Line-Associated Bloodstream Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Facility Type
- Medical School Affiliation Type
- Number of Beds
- Number of ICU Beds
- Proportion of ICU Beds
- Average Length of Stay
Considered Unit-Level Factors
- CDC Location Type
- Central Line Type
Included Unit-Level Factors
- CDC Location Type
- Central Line Type
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Included Facility-Level Factors
- Medical School Affiliation Type
- Average Length of Stay
Factors included are found to be sigificantly associated with CLABSI incidence
Measure: CLABSI


Conceptual Model - Acute Care Hospitals (ACH)
Neonatal Intensive Care Unit (NICU)
Central Line-Associated Bloodstream Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Facility Type
- Medical School Affiliation Type
- Number of Beds
- Number of ICU Beds
- Proportion of ICU Beds
- Average Length of Stay
Considered Unit-Level Factors
- CDC Location Type
- Birthweight Category
Included Facility-Level Factors
- Number of ICU Beds
- Average Length of Stay
Included Unit-Level Factors
- Birthweight Category
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Factors included are found to be sigificantly associated with CLABSI incidence
Measure: CLABSI


Conceptual Model - Critical Access Hospitals (CAH)
Central Line-Associated Bloodsteam Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Medical School Affiliation Type
- Number of Beds
- Number of ICU Beds
- Proportion of ICU Beds
Considered Unit-Level Factors
- CDC Location Type & Average Length of Stay
Included Unit-Level Factors
- CDC Location Type & Average Length of Stay
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Included Facility-Level Factors
Factors included are found to be sigificantly associated with CLABSI incidence
Measure: CLABSI


Conceptual Model - Inpatient Rehabilitation Facility (IRF)
Central Line-Associated Bloodstream Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Average Daily Census
- Facility Type
- Number of Beds
- Rehabilitation Setting
- Average Length of Stay
- Proportion of Admissions on Ventilator
- Proportion of Pediatric Admissions
- Proportion of Admissions with:
- Traumatic Spinal Cord Dysfunction
- non-Traumatic Spinal Cord Dysfunction
- Stroke
- Brain Dysfunction
- Other Neurologic Conditions
- Orthopedic Conditions
- Other non-Specific Diagnostic Categories
- Stoke , Brain Dysfunction
- Brain Dsysfunction and Other Neurologic Conditions
- Brain Dsysfunction and Other Neurologic Conditions, and with stroke
- Orthopedic Conditions and Other non-Specific Diagnostic Categories
Considered Unit-Level Factors
- CDC Location Type
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Included Unit-Level Factors
Factors included are found to be sigificantly associated with CLABSI incidence
Included Facility-Level Factors
- Proportion of Admissions on Ventilator
- Proportion of Admissions with:
- Stroke
- Orthopedic Conditions
Measure: CLABSI


Conceptual Model - Long-Term Acute Care (LTAC)
Central Line-Associated Bloodstream Infection (CLABSI)
Facility- Level Factors
Unit-Level Factors
Patient-Level Factors
Currently Limited in Model
Considered Facility-Level Factors
- Average Daily Census
- LTAC Setting
- Number of Beds
- Number of High Observation Beds
- Number of Single Occupancy Rooms
- Number of ICU Beds
- Shares Facility with:
- Neuro-Behavioral
- Other
- Rehabilitaton
- Residential
- Skilled Nursing Facility
- Average Length of Stay
- Proportion of Admission on Ventilator
- Proportion of Admissions with Hemodialysis
- Proportion of LTAC Beds that are:
- Critial Care
- High Observation
- Single Occupancy
Considered Unit-Level Factors
- Location Type
- CDC Location Type
Individual considered factors are isolated to determine if they sigificantly associated with CLABSI incidence
Included Unit-Level Factors
- Location Type
Factors included are found to be sigificantly associated with CLABSI incidence
Included Facility-Level Factors
- LTAC Setting
- Proportion of Admission with Hemodialysis
- Proportion of Admission on Ventilator
- Average Length of Stay
Measure: CLABSI