



Healthcare Associated Infections: CY2017 Progress Report

Theresa Lee, Director, Center for Quality Measurement and Reporting
Courtney Carta, Chief, Hospital Quality Initiatives

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Presentation Outline

- Overview of HAI Public Reporting Requirements
- CY2017 HAI Progress Report
 - Hospital Performance on Healthcare Associated Infections

HAI Public Reporting Requirements

- ▶ No change in requirements for CY2017

- ▶ First year for MHCC using 2015 Baselines for public reporting
 - ▶ Results are not comparable to previous years of data

- ▶ Maryland Requirements

- ▶ Hospitals are required to report the following HAIs:
 - ▶ CLABSI
 - ▶ CAUTI
 - ▶ CDI
 - ▶ MRSA
 - ▶ SSI (CABG, COLO, HYST, HPRO, KPRO)
 - ▶ HCP Influenza Vaccination
- ▶ Requirements generally align with CMS requirements
 - ▶ Additional SSI procedures required for MD (CABG, HPRO, KPRO)
 - ▶ Complex A/R model

CY2017 HAI Updates: <https://healthcarequality.mhcc.maryland.gov/>

MARYLAND MHCC

Maryland Health Care Quality Reports

Keeping Marylanders Informed

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Infections

Welcome to the Maryland Health Care Commission's (MHCC) consumer website. MHCC is a state regulatory agency whose mission includes promoting informed decision making in health care. This website looks at the quality and costs of health care in Maryland, including hospitals and long-term care facilities. The data provided comes from trusted state and national sources. The information may be useful for finding or comparing health care providers.

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CLABSI CY2017

▶ CLABSI reporting includes:

- ▶ ICUs
- ▶ NICUs
- ▶ Select Wards (medical, surgical, medical/surgical, pediatric medical, pediatric surgical, pediatric medical/surgical)

▶ Total CLABSIs

- ▶ 273 infections reported statewide (378 in CY2016)
- ▶ Statewide performance **better** than national benchmark with 0.87 SIR
- ▶ 4 hospitals performed **better** than national benchmark
 - ▶ Doctors Community, JH Bayview, MedStar Franklin Square, Northwest

CLABSI CY2017 (continued)

▶ ICU

- ▶ 130 infections reported statewide (183 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.88 SIR
- ▶ 2 hospitals performed **better** than national benchmark (Bayview, MedStar Union Memorial)
- ▶ 0 hospitals performed **worse** than national benchmark

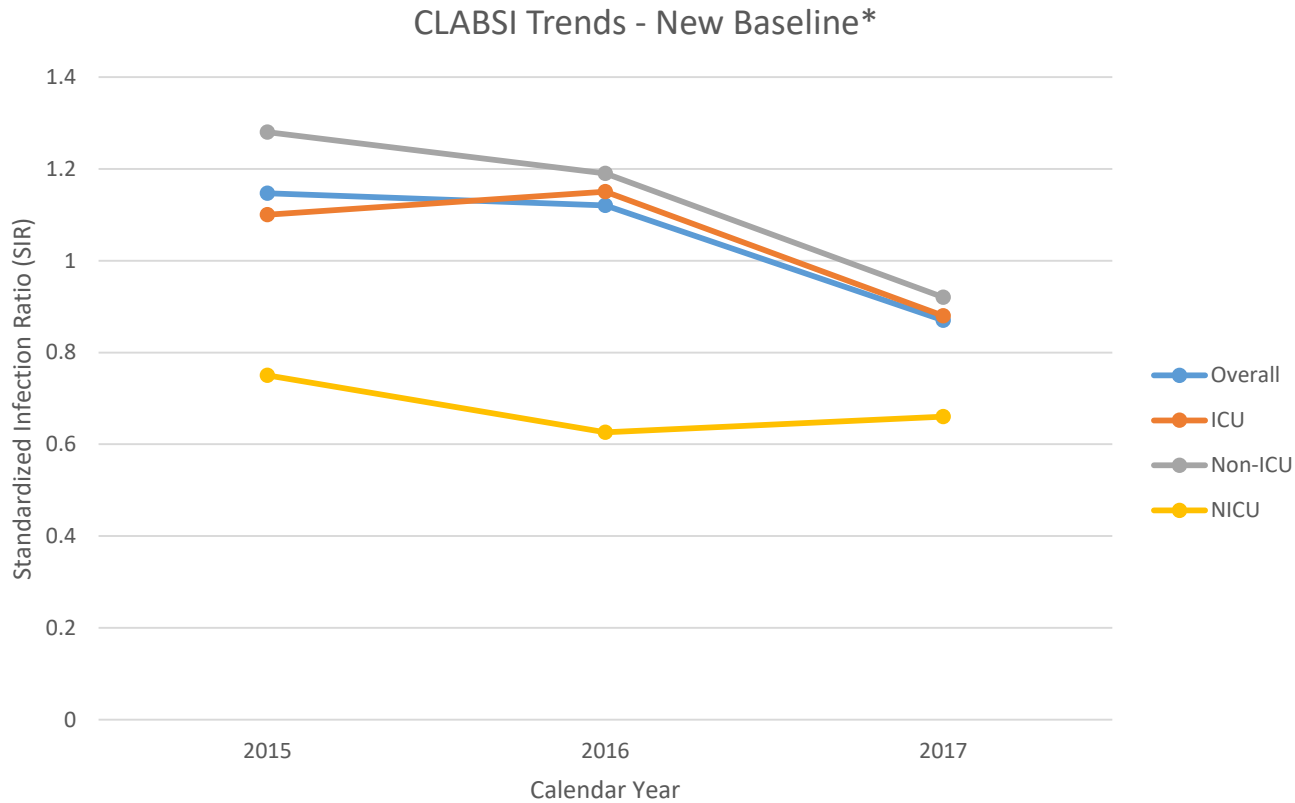
▶ NICU

- ▶ 23 infections reported statewide (19 in CY 2016)
- ▶ Statewide performance **better** than national benchmark with 0.66 SIR
- ▶ All hospitals with NICU performed the **same** as the national benchmark

▶ Select Wards

- ▶ 120 infections reported statewide (176 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.92 SIR
- ▶ 2 hospitals performed **better** than national benchmark (Doctors, MedStar Franklin Square)
- ▶ 2 hospitals performed **worse** than national benchmark (MedStar Southern MD, UM Prince George's)

CLABSI Trends



*Publicly reported data on MHCQR website displays original baseline data through CY2016

CAUTI CY2017

- ▶ **CAUTI reporting includes:**

- ▶ ICUs

- ▶ Select Wards (medical, surgical, medical/surgical, pediatric medical, pediatric surgical, pediatric medical/surgical)

- ▶ **Total CAUTIs**

- ▶ 289 infections reported statewide (381 in CY2016)

- ▶ Statewide performance **better** than national benchmark with 0.85 SIR

- ▶ 3 hospitals performed **better** than national benchmark

- ▶ Johns Hopkins Hospital, JH Bayview, Doctors Community

- ▶ 2 hospitals performed **worse** than the national benchmark

- ▶ Peninsula Regional Medical Center, MedStar Southern Maryland

CAUTI CY2017 (continued)

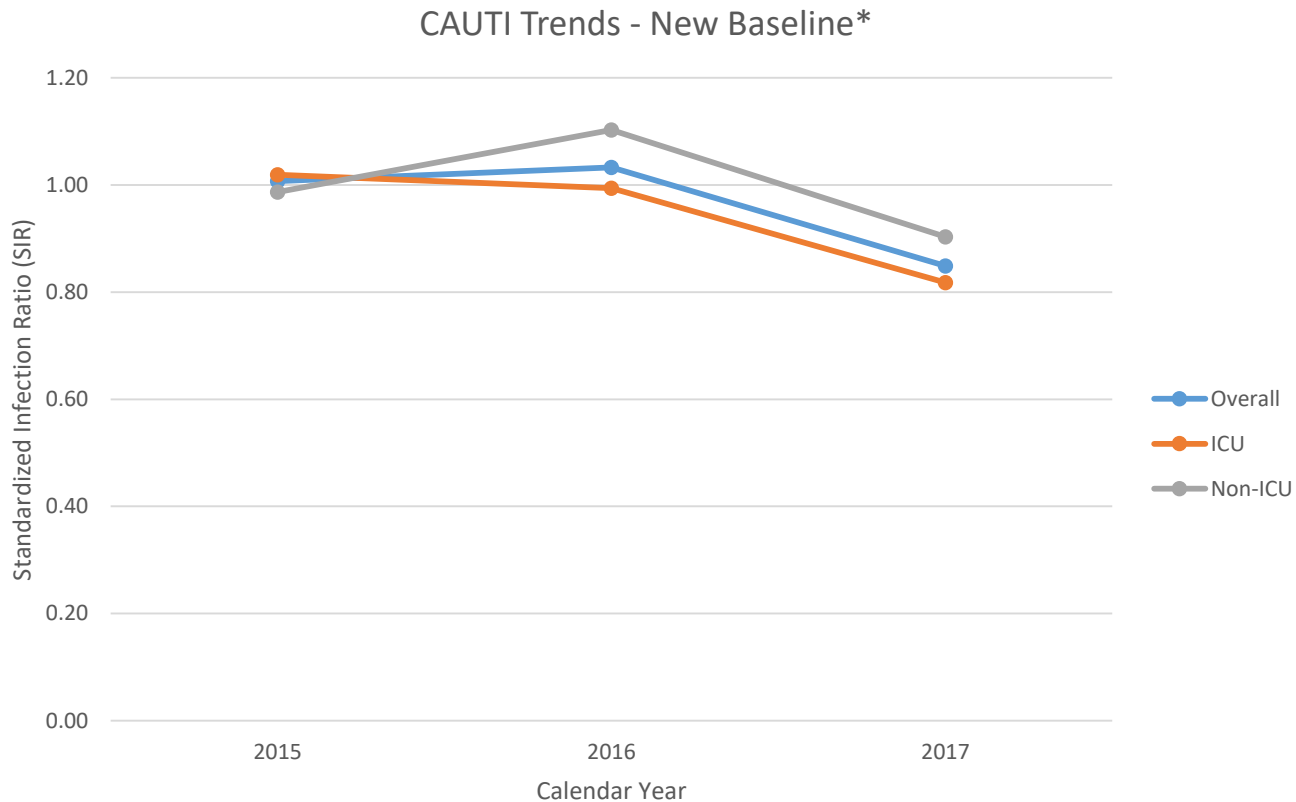
▶ ICU

- ▶ 176 infections reported statewide (234 in CY2016)
- ▶ Statewide performance **better** than the national benchmark with 0.82 SIR
- ▶ 2 hospitals performed **better** than national benchmark (Johns Hopkins Hospital, JH Bayview, Doctors Community)
- ▶ 1 hospital performed **worse** than national benchmark (Peninsula Regional)

▶ Select Wards

- ▶ 113 infections reported statewide (147 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.90 SIR
- ▶ 1 hospital performed **better** than national benchmark (Doctors Community)
- ▶ 1 hospital performed **worse** than national benchmark (MedStar Southern MD)

CAUTI Trends



*Publicly reported data on MHCQR website displays original baseline data through CY2016

C. Difficile CY2017

▶ C. Difficile

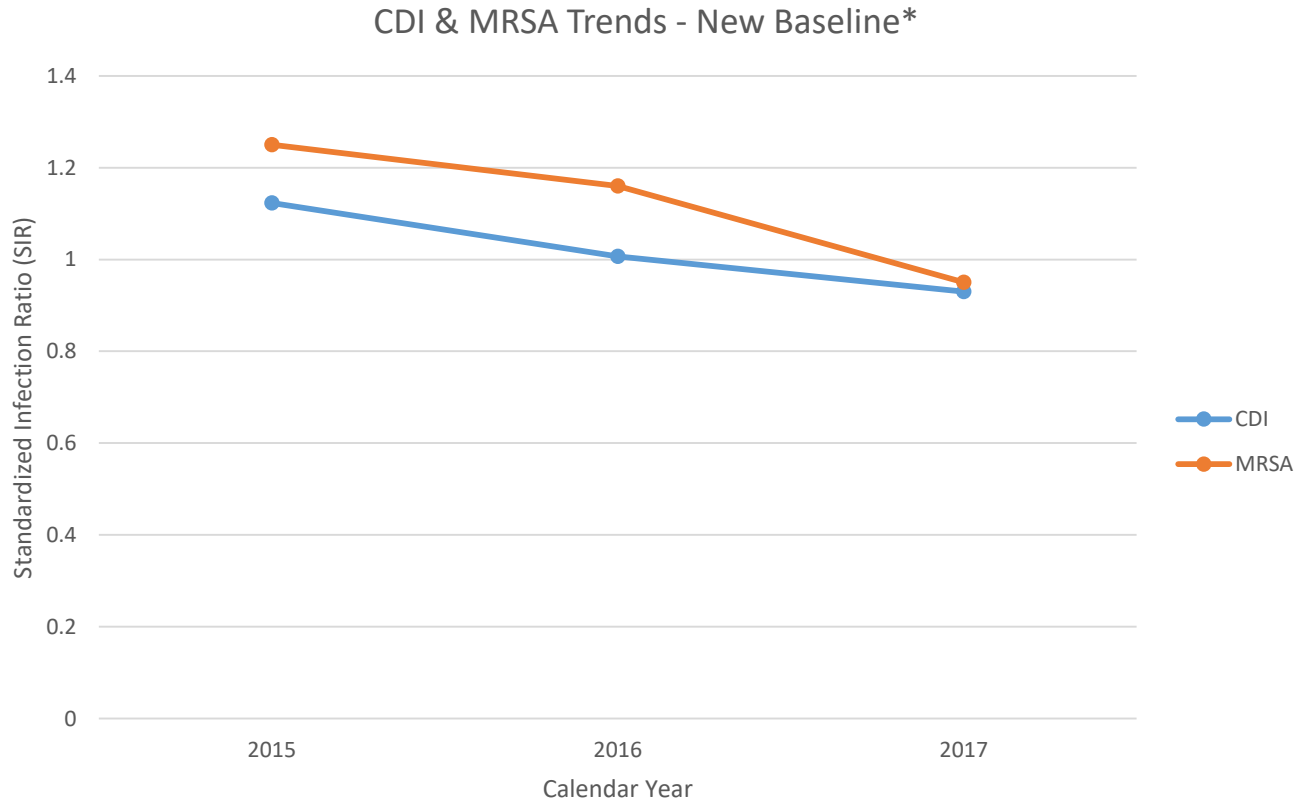
- ▶ 1,755 infections reported statewide (2,070 in CY2016)
- ▶ Statewide performance **better** than national benchmark with 0.93 SIR
- ▶ 12 hospitals performed **better** than national benchmark
 - ▶ Bon Secours, Carroll, Doctors, Frederick Memorial, Howard County, Johns Hopkins, MedStar Franklin Square, Northwest, Peninsula Regional, Sinai, UM Harford Memorial, UM Upper Chesapeake
- ▶ 8 hospitals performed **worse** than national benchmark
 - ▶ Atlantic General, Calvert Memorial, Holy Cross, Holy Cross Germantown, Suburban, Union Hospital, UM Medical Center-Midtown, UM Rehab & Ortho

MRSA CY2017

▶ MRSA

- ▶ 174 infections reported statewide (200 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.95 SIR
- ▶ 2 hospitals performed **better** than national benchmark
 - ▶ Johns Hopkins, GBMC
- ▶ 2 hospitals performed **worse** than national benchmark
 - ▶ JH Bayview, MedStar Union Memorial

C. Difficile and MRSA Trends



*Publicly reported data on MHCQR website displays original baseline data through CY2016.

Surgical Site Infections

- ▶ **Surgical site infection procedure types include:**
 - ▶ CABG
 - ▶ COLO
 - ▶ HYST
 - ▶ HPRO
 - ▶ KPRO

Surgical Site Infections CY2017 (continued)

▶ CABG

- ▶ 2,841 procedures (2,734 in CY2016)
- ▶ 20 infections reported statewide (17 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.98 SIR
- ▶ 0 hospitals performed **better** than national benchmark
- ▶ 0 hospitals performed **worse** than national benchmark

▶ COLO

- ▶ 5,788 procedures (5,285 in CY2016)
- ▶ 130 infections reported statewide (168 in CY2016)
- ▶ Statewide performance **better** than the national benchmark with 0.80 SIR
- ▶ 2 hospitals performed **better** than national benchmark (Johns Hopkins, Holy Cross)
- ▶ 1 hospitals performed **worse** than national benchmark (Sinai)

▶ HYST

- ▶ 5,028 procedures (5,241 in CY2016)
- ▶ 39 infections reported statewide (30 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 1.05 SIR
- ▶ 0 hospitals performed **better** than national benchmark
- ▶ 2 hospitals performed **worse** than national benchmark (Sinai, Mercy)

Surgical Site Infections CY2017 (continued)

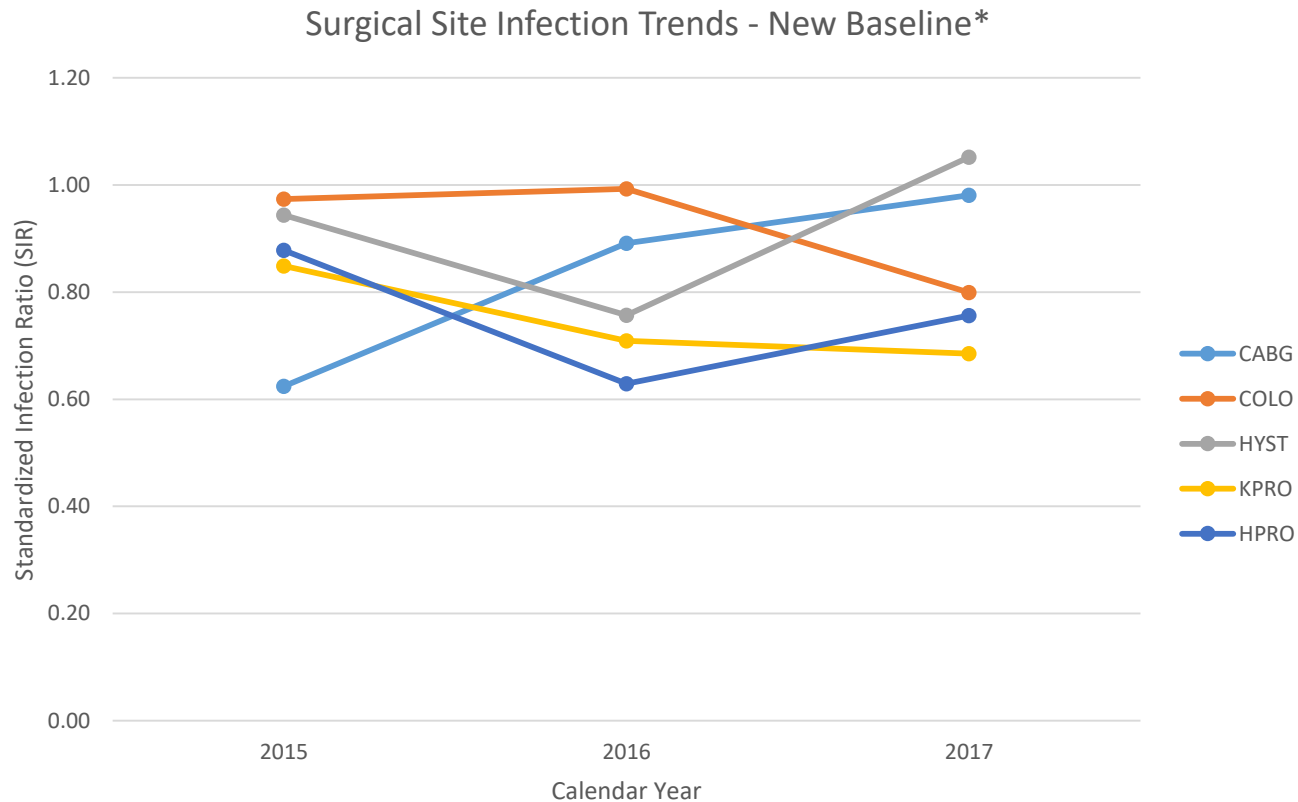
▶ HPRO

- ▶ 9,340 procedures (9,054 in CY2016)
- ▶ 46 infections reported statewide (45 in CY2016)
- ▶ Statewide performance **same** as the national benchmark with 0.76 SIR
- ▶ 1 hospital performed **better** than national benchmark (AAMC)
- ▶ 0 hospitals performed **worse** than national benchmark

▶ KPRO

- ▶ 13,891 procedures (14,271 in CY2016)
- ▶ 36 infections reported statewide (47 in CY2016)
- ▶ Statewide performance **better** than the national benchmark with 0.69 SIR
- ▶ 2 hospitals performed **better** than national benchmark (MedStar Union Memorial, AAMC)
- ▶ 0 hospitals performed **worse** than national benchmark

Surgical Site Infection Trends



*Publicly reported data on MHCQR website displays original baseline data through CY2016.

Healthcare Influenza Vaccination Rate

▶ Healthcare Personnel Influenza Vaccination Rate – 97%

- ▶ Includes employees, licensed independent contractors, and students/trainees/volunteers
- ▶ 5th year in a row at 97%
- ▶ 46/47 hospitals have a mandatory flu vaccination policy

Upcoming

- Continue webinar events
- Promotion of the website
- Continue collaboration with stakeholders

Questions?