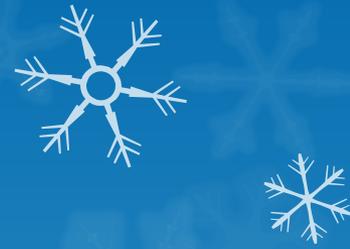


# Update on MI NHSN Reports

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MI NHSN User Group Call

12-18-13



# 2013 Quarter 1 Report

- Expected to be published on December 20<sup>th</sup>
- Covers data from January – March 2013
- Data pulled on August 16<sup>th</sup> (after CMS reporting deadline)



# 2013 Q1 Overview

- Of the 83 hospitals sharing data with the SHARP Unit at the time:
  - 79 shared CAUTI data for at least one month
  - 77 shared SSI data for at least one month
  - 76 shared CLABSI data for at least one month
  - 81 shared MRSA LabID or MRSA LabID bacteremia for at least one month
  - 80 shared CDI LabID data for at least one month

# 2013 Q1 MRSA Rates

- MRSA Inpatient LabID Rate = 0.9013 per 1,000 patient days
  - Significant decrease from previous quarter
- MRSA Inpatient LabID Bacteremia Rate = 0.3703 per 1,000 patient days
  - MRSA LabID Incidence HO Rate = 0.2088 per 1,000 patient days (significant decrease from previous quarter)
  - MRSA LabID Prevalence CO Rate = 0.2859 per 100 admissions (significant decrease from previous quarter)

# 2013 Q1 CDI Rates

- CDI Inpatient LabID Rate = 21.6099 per 10,000 patient days
  - Significant increase from previous quarter
- CDI LabID HO Incidence Rate = 8.5932 per 10,000 patient days (no significant change from previous quarter)
- CDI LabID CO-HCFA Prevalence Rate = 0.1674 per 100 admissions (significant increase from previous quarter)
- CDI LabID CO Prevalence Rate = 0.4056 per 100 admissions (significant increase from previous quarter)

# 2013 Q1 Device Rates

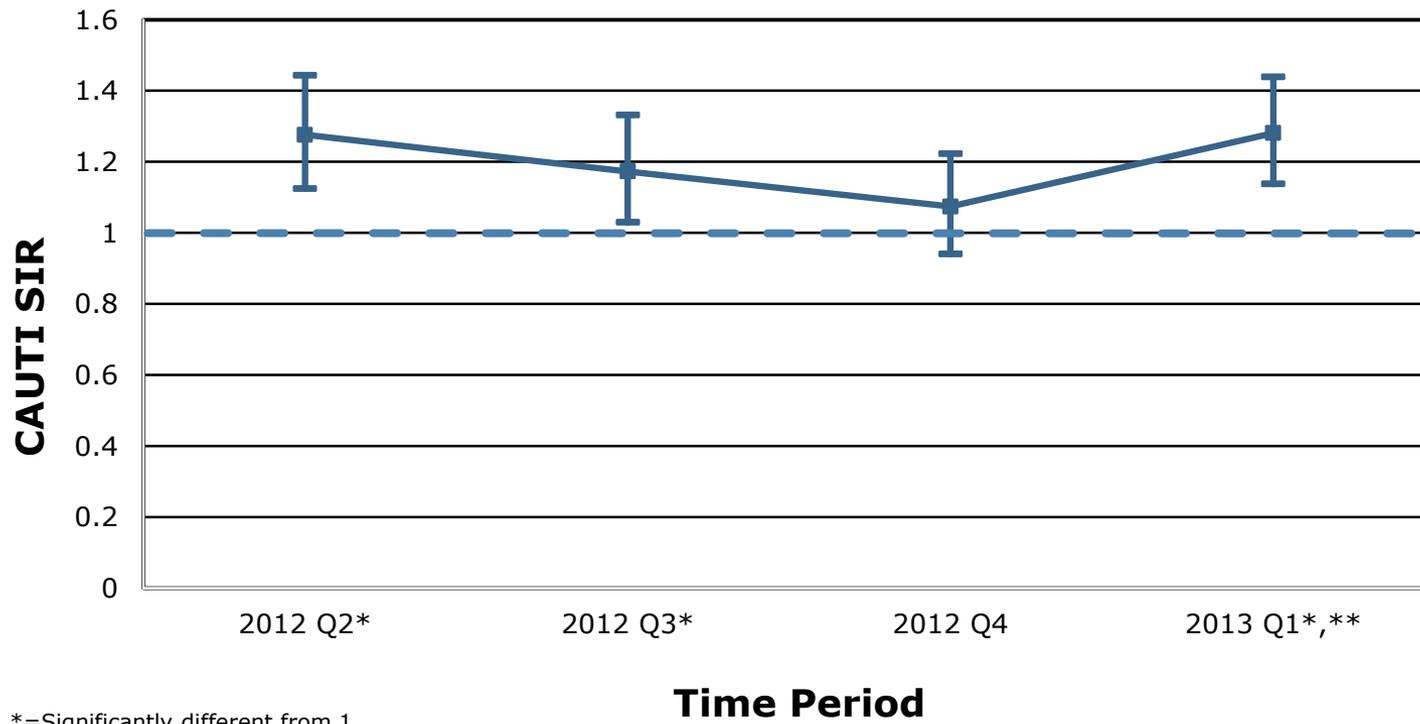
- CAUTI Rate = 2.6842 per 1,000 device days  
(significant increase from previous quarter)
- CLABSI Rate = 0.7111 per 1,000 device days  
(significant decrease from previous quarter)
- Possible/Probable VAP Rate = 0.9874 per 1,000 device days  
(first time measuring)
- Total VAE Rate = 5.8512 per 1,000 device days  
(first time measuring)

# 2013 Q1 Standardized Infection Ratios (SIR)

- CAUTI = 1.281 (1.137, 1.438)
  - Significant increase from previous quarter
- CLABSI = 0.362 (0.282, 0.459)
- SSI Overall = 0.768 (0.664, 0.882)
- SSI COLO = 0.760 (0.615, 0.982)
- SSI HYST = 1.061 (0.751, 1.457)
- MRSA Bacteremia LabID = 1.217 (0.988, 1.483)
- CDI LabID = 1.067 (0.998, 1.139)

# 2013 Q1 CAUTI SIR

## CAUTI Standardized Infection Ratios

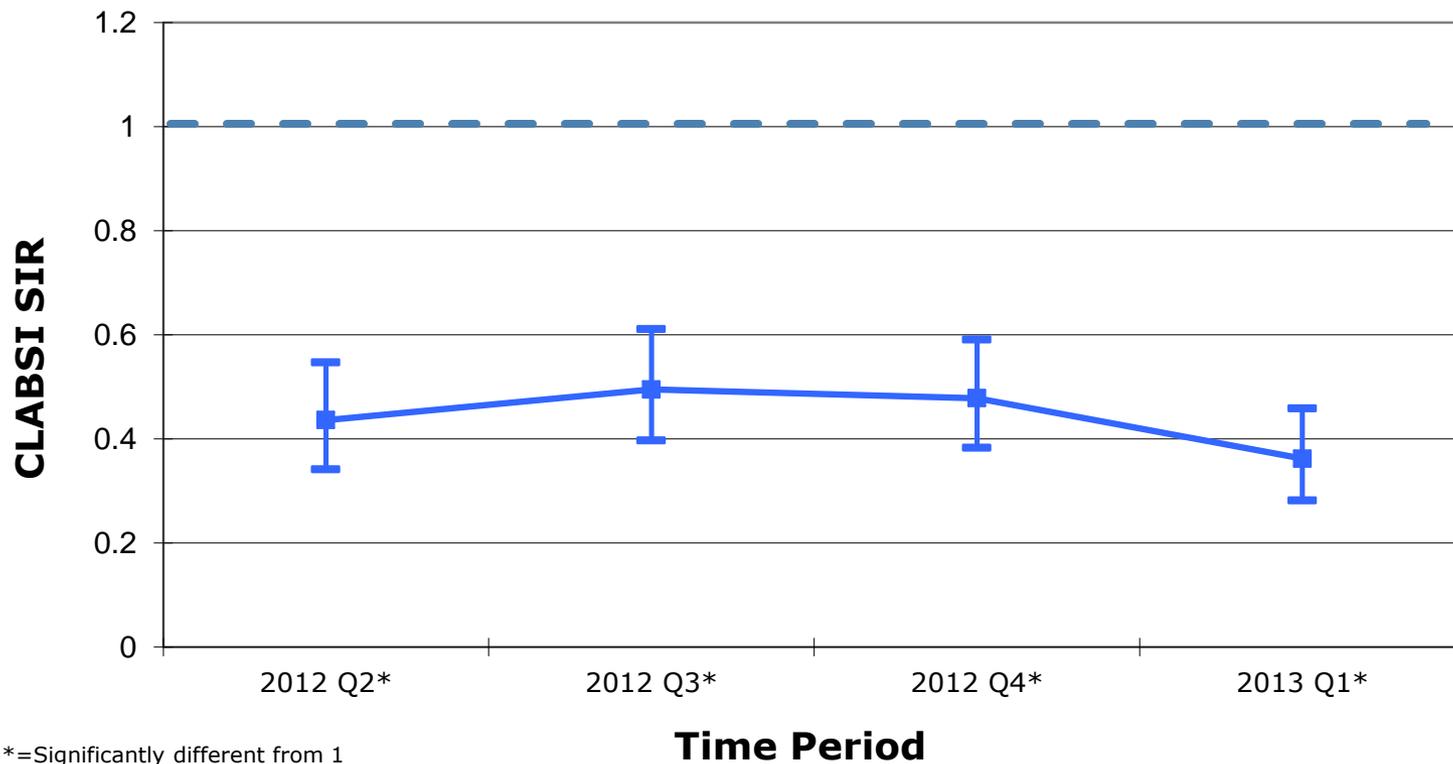


\*=Significantly different from 1

\*\*=Significantly different from previous month

# 2013 Q1 CLABSI SIR

## CLABSI Standardized Infection Ratios

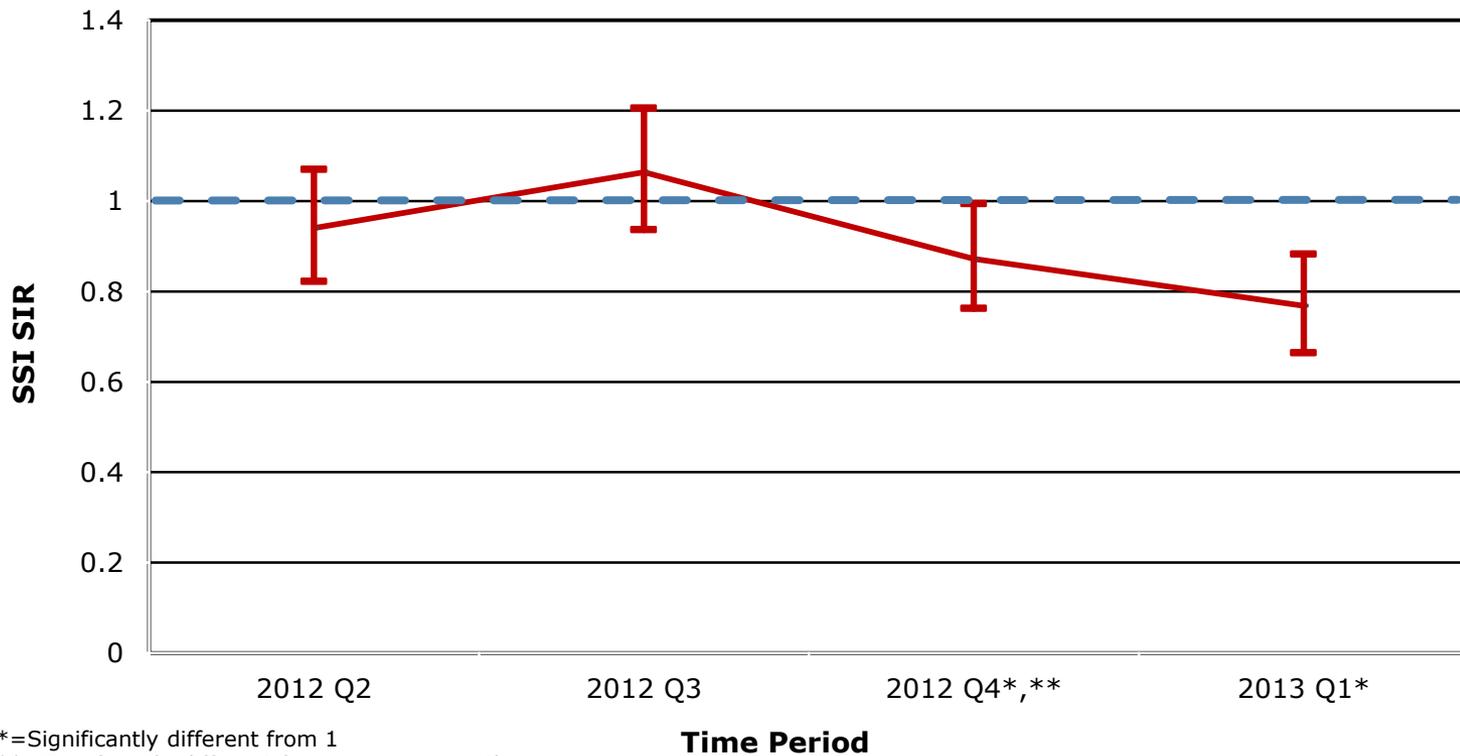


\*=Significantly different from 1

\*\*=Significantly different from previous month

# 2013 Q1 SSI Overall SIR

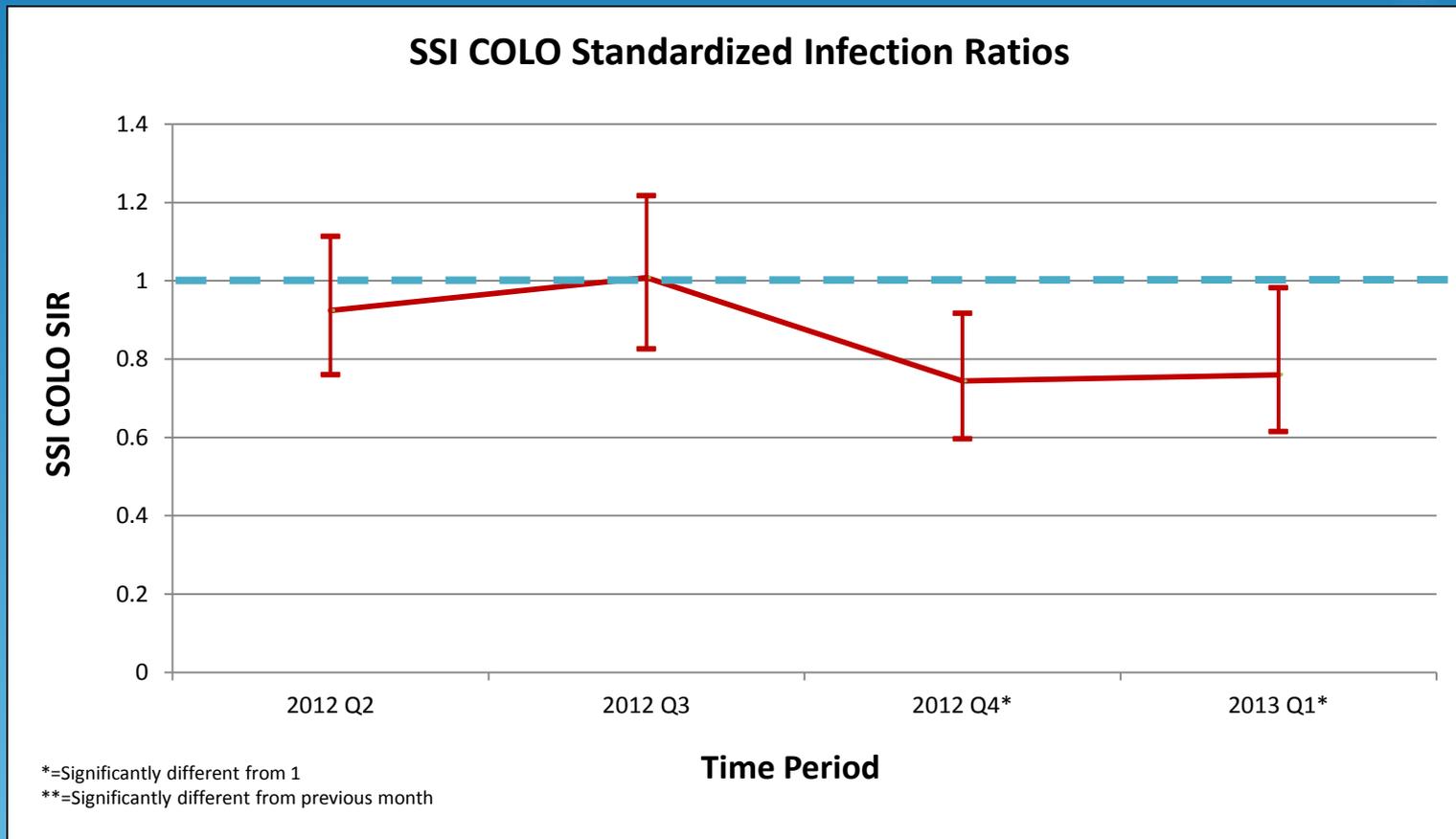
## SSI Standardized Infection Ratios



\*=Significantly different from 1

\*\*=Significantly different from previous month

# 2013 Q1 SSI COLO SIR



# 2013 Q1 SSI HYST SIR

