



IMPROVING HEALTH CARE, IMPROVING LIVES™

Prevention of MRSA Infections and Transmission

NHSN Data Collection and Submission

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Three Fundamental Questions for Improvement

- What are we trying to accomplish?
- How will we know that a change is an improvement?
- What changes can we make that will result in an improvement?



NHSN Database

- CDC home
- Established definitions
- Reports
- http://www.cdc.gov/ncidod/dhqp/nhsn_MDRO_CDAD.html



Hospital's Commitment

- Report on 2 measures through NHSN
- 3 years



Targeted Metric from MRSA Infection Surveillance *Measure #1*

MRSA Infection Incidence Rate

$$= \frac{\text{\# of NHSN-Defined MRSA Infections}}{\text{\# of Patient-Days}} \times 1000$$

(stratified by time and location)

Measure of infection incidence



Targeted Metric from MRSA LabID Event Reporting *Measure #2*

Incidence Rate of Hospital-Onset MRSA Based on Clinical Cultures (Transmission Rate)

$$= \frac{\text{\# of 1st MRSA Hospital-Onset Cultures} + \text{\# Unique HO Blood Cultures}}{\text{\# of Patient-Days}} \times 1000$$

(stratified by time and location)