

KEY FINDINGS AND PUBLIC HEALTH ACTIONS

Methicillin-Resistant *Staphylococcus Aureus* and Vancomycin-Resistant Enterococci Bloodstream Infections in California Hospitals, 2012

Introduction

Methicillin-resistant *Staphylococcus aureus* (MRSA) and Vancomycin-resistant Enterococci (VRE) are two of the most common organisms resistant to multiple antimicrobial drugs that cause infections in hospital patients. Bloodstream infections (BSIs) are among the most serious healthcare-associated infections, resulting in increased lengths of hospital stay, higher hospital costs, and risk of death. This report for the period of January 1, 2012 through December 31, 2012, is the fourth on MRSA and VRE BSIs developed by the California Department of Public Health (CDPH), and the third using data submitted by hospitals to the Centers for Disease Control and Prevention (CDC) National Healthcare Safety Network (NHSN)[1]. Only blood specimens that test positive for MRSA and VRE are reported. The rates and NHSN standardized infection ratios (SIRs) in this report are for hospital-onset (HO) infections, defined as the first positive blood test occurring after the third day of hospitalization.

Reporting MRSA Bloodstream Infections

New in this report, we present hospital-specific MRSA BSI SIRs for general acute care hospitals, other than long-term and rehabilitation acute care hospitals. The NHSN SIR compares the number of HO MRSA BSI cases that occurred in the hospital (observed) to the number predicted based on the national referent data. The MRSA SIR adjusts for significant risk factors, including hospital bed size, affiliation with a medical school, and the community burden of MRSA BSI as observed in patients admitted to the hospital. Adjusting for these factors provides for a more accurate comparison of hospitals' infections. For more precise comparisons, NHSN provides an SIR only when at least one infection is predicted. For hospitals in which a MRSA SIR could be calculated, we performed a statistical analysis to determine if the observed number of infections was significantly different than the predicted number of infections (Table 2). We labeled each SIR as indicating either:

- N - no difference in number of observed and predicted infections,
- H - high or more infections than predicted, or
- L - low or fewer infections than predicted.

For long term acute care (LTAC) and rehabilitation acute care hospitals, we present MRSA BSI rates, because LTAC and rehabilitation hospitals are currently excluded from NHSN SIR analyses.

Reporting VRE Bloodstream Infections

As in prior reports, we present hospital HO VRE BSI rates, hospital case mix indices (CMI), when available, and the California pooled mean (average) VRE BSI rate for seven hospital categories. The CMI provides a useful reference point when examining individual hospital BSI rates as it can indicate whether a hospital serves patients with higher or lower severity of illness. We sorted hospitals into categories that reflect their patients' severity of illness and other factors that can affect their risk of infection, such as age and length of hospitalization, and the type of care that they receive. While stratifying VRE BSI rates by hospital type makes rates more comparable, it cannot control for all individual patient factors that can affect VRE BSI rates. We also provide the percentile distribution of hospital-specific rates for each category (Table 5). This enables an additional degree of comparison among the hospital categories allowing users of this report to identify the percentile in which each hospital's rate of VRE BSI occurs.

Readers should consider the overall context of these rates. A low MRSA BSI or VRE BSI rate may reflect greater diligence with infection prevention practices or may reflect incomplete entry

of all laboratory testing data required by NHSN for these infections. Similarly, high rates may reflect lapses in infection prevention practices or more complete entry of laboratory testing data.

Key Findings

- During January through December 2012, among 388 reporting hospitals, 292 (75.0%) were identified as community hospitals, 20 (5.0%) as major teaching hospitals, 11 (3.0%) as pediatric hospitals, 32 (8.0%) as critical access hospitals, 23 (6.0%) as LTAC hospitals, 7 (2.0%) as rehabilitation acute care hospitals, and 3 (<1%) as prison hospitals.
- 386 (99.0%) of 388 California licensed general acute care hospitals reported MRSA and VRE BSI data for all 12 months of 2012 compared to (95.1%) during 2011. Two hospitals, including one LTAC, reported less than 12 months of data.
- 386 hospitals reported 817 MRSA BSIs and 16,095,471 patient days in 2012, compared to 869 MRSA BSIs and 16,102,453 patient days in 2011. 174 (45.0 %) hospitals reported no HO MRSA BSIs in 2012 versus 152 (41.4%) in 2011.

MRSA BSI

- 219 of 357 (61%) general acute care hospitals, excluding LTAC and rehabilitation acute care hospitals, were predicted to have one or more HO MRSA BSI based on national referent data and had a risk-adjusted SIR calculated. Of these, 12 hospitals had significantly lower numbers of HO MRSA BSIs than predicted (lower SIRs). No hospitals had significantly higher numbers than predicted.
- 138 of 357 (39%) hospitals had no SIRs calculated due to having an NHSN-predicted number of HO MRSA BSI cases less than one.
- 357 hospitals reported 728 HO MRSA BSIs and 15,471,564 patient days, for an average SIR of 0.78, which is statistically lower than the national referent MRSA SIR of 1.0.
- The average HO MRSA BSI rate among 22 LTAC hospitals was 1.75 per 10,000 patient days in 2012, higher than 1.64 per 10,000 reported in 2011. One LTAC hospital had a rate significantly higher than predicted, and one had a rate significantly lower than predicted.
- Of 7 rehabilitation acute care hospitals, 6 (86%) reported no HO MRSA BSI. The average HO MRSA BSI rate in rehabilitation hospitals was 0.40 per 10,000 patient days in 2012. HO MRSA BSIs are unusual events in rehabilitation hospitals.

VRE BSI

- 386 hospitals with 12 months of data reported 825 HO VRE BSIs and 16,116,092 patient days, for an average rate of 0.52 per 10,000 patient days in 2012. This compares to 831 VRE BSIs over 16,102,453 for an average rate of 0.52 per 10,000 patient days among 367 hospitals in 2011.
- Of the 386 hospitals reporting in 2012, 207 (54%) reported no HO VRE BSI, compared to 176 (48.0%) hospitals that reported no HO VRE BSIs in 2011.
- The average HO VRE BSI rate among 292 community hospitals was 0.35 per 10,000 patient days in 2012, equal to the average rate of 0.35 in 2011. 19 (6.5%) community hospitals had

rates significantly higher than the average rate, and 6 (2.0%) hospitals had rates significantly lower than the average rate.

- 148 (51%) community hospitals reported no HO VRE BSIs in 2012 compared to 132 (47.3%) in 2011.
- The average HO VRE BSI rate among 20 major teaching hospitals was 0.98 per 10,000 patient days in 2012 compared to a rate of 1.11 in 2011. Three (15.0%) major teaching hospitals had rates significantly higher than the average rate, and 3 (15.0%) had rates significantly lower than the average rate. All major teaching hospitals reported HO VRE BSIs in 2012.
- The average HO VRE BSI rate among 11 pediatric hospitals was 0.17 per 10,000 patient days in 2012, the same rate as observed in 2011. No pediatric hospitals had significantly higher or lower rates than the average rate. Five (45.0%) reported no HO VRE BSIs.
- The average VRE BSI rate among 22 LTAC hospitals was 2.61 per 10,000 patient days in 2012, the highest average rate among all reported hospital categories, and higher than the rate of 1.94 in 2011. One (5.0%) LTAC hospital had a HO VRE BSI a rate significantly higher than the average rate, 3 (14.0%) LTAC hospitals had rates significantly lower than the average rate, and 3 (14.0%) reported no HO VRE BSIs. The increase in HO VRE BSIs among LTAC hospitals from 2011 to 2012 is statistically significant.
- No HO VRE BSI were reported by rehabilitation acute care hospitals, critical access hospitals, or prison hospitals. HO VRE BSIs are unusual events in these types of hospitals.
- The higher rates of VRE BSI in LTAC and major teaching hospitals likely reflect the increased severity of illness in patients in these hospitals compared to community hospitals and critical access hospitals. The lower rates of HO VRE BSIs in pediatric hospitals likely result from factors specific to age rather than the measure of severity of illness, as the case mix index in pediatric hospital patients is similar to major teaching hospitals.
- NHSN provides no risk adjustment method for comparison of HO VRE BSI. Variation in rates could be affected by differences in severity of illness in patients between hospitals, as reflected by the CMI for each hospital. The rates could also vary because of differences in adherence to clinical and infection control practices that reduce the risk of VRE BSI, and/or to differences in the completeness of reporting.

Public Health Actions

In follow-up to this report, CDPH will:

- Continue to monitor and engage in efforts to improve the accuracy and completeness of reported MRSA and VRE BSI data, including onsite data validation audits.
- Continue to explore the risk-adjustment procedures used by NHSN and offer recommendations for refinement.
- Participate, as appropriate, in a working group with state, national, and other public health stakeholders to identify appropriate risk factors for adjusting VRE BSI data.
- Continue our prevention collaborative efforts with LTAC hospital personnel to explore opportunities for preventing HO MRSA and VRE BSIs.

All hospitals should review these data and consider:

- Examining their MRSA BSI SIR and VRE BSI rates relative to hospitals in their hospital category.
- Taking measures to address MRSA and VRE prevention using the CDC [2], Society for Healthcare Epidemiology of America /Infectious Disease Society of America [3], and/or Association for Professionals in Infection Control and Epidemiology guidelines [4] for prevention of MRSA.
- Reviewing CDPH's quarterly quality control reports to confirm that CDPH has correct and complete data and to identify additional data errors.

The public and consumers should consider:

- Reviewing the information presented including the limitations and context for results.
- Asking your healthcare provider about the actions your hospital is taking to ensure patient safety, including MRSA and VRE prevention measures.
- Asking your healthcare provider about the actions you can take to ensure your safety in the hospital, including protecting against MRSA and VRE.
- Speaking up if you don't understand or have a question. Clear communication between you and your healthcare provider is one of the first steps you can take towards ensuring your own safety.

References

1. California Department of Public Health. Methicillin-Resistant *Staphylococcus Aureus* (MRSA) and Vancomycin-Resistant Enterococcus (VRE) Bloodstream Infections (BSI) in California Hospitals, 2011.
<http://cdphinternet/programs/hai/Pages/MRSAandVREBSlinCaliforniaHospitals,January2011-December2011.aspx>
2. Siegel JD, Rhinehart E, Jackson M, Chiarello L. Healthcare Infection Control Practices Advisory Committee. Management of Multidrug-Resistant Organisms in Healthcare Settings, 2006. *Am J Infect Control*. 2007 Dec; 35(10 Suppl 2):S165-93.
http://cdc.gov/hicpac/mdro/mdro_toc.html. Accessed 26 June 2012
3. Klevens RM, Edwards JR, Richards CL Jr, Horan TC, Gaynes RP, Pollock DA, Cardo DM. Estimating health care-associated infections and deaths in U.S. hospitals, 2002. *Public Health Rep*. 2007 Mar-Apr; 122(2):160-6.
4. APIC Guide to the Elimination of Methicillin-Resistant *Staphylococcus aureus* (MRSA) Transmission in Hospital Settings California Supplement - April 3, 2009.
http://www.apic.org/Resource_/EliminationGuideForm/16c7a44f-55fe-4c7b-819a-b9c5907eca72/File/APIC-MRSA-California.pdf. Accessed 25 May 2012

TECHNICAL NOTES

Methicillin-Resistant *Staphylococcus Aureus* and Vancomycin-Resistant Enterococci Bloodstream Infections, 2012

Introduction

Methicillin-resistant *Staphylococcus aureus* (MRSA) and vancomycin-resistant Enterococci (VRE) are two of the most common multidrug-resistant germs, or organisms (MDROs) causing infections in hospital patients [1]. California Health and Safety Code Section 1288.55 (a)(1) requires general acute care hospitals to report to the California Department of Public Health (CDPH) all cases of MRSA and VRE bloodstream infections (BSIs) associated with inpatient treatment, and the number of inpatient days. It requires the department to post on its web site the incidence rate of these infections. These *Technical Notes* describe the definitions, methods, and limitations associated with this CDPH data release on MRSA and VRE BSIs. The reporting period for this data release is January through December 2012. This data release used data submitted by California hospitals to the Centers for Disease Control and Prevention (CDC) National Healthcare Safety Network (NHSN).

The distribution of information on the health of the community is a core function and essential service of public health. CDPH strongly supports the goals of public reporting on HAIs including the production and distribution of quality data that are valid, fair to hospitals, and useful to the public. Bearing in mind important limitations, the public can use these data as a starting point to discuss patient safety and quality of care with their healthcare providers and to make more informed healthcare decisions. Hospitals and health care providers can also use these data to examine their patient safety practices and improve quality of care, as appropriate.

Materials and Methods

Reporting hospitals

At the end of 2012, 388 California general acute care hospitals (GACHs) were enrolled in NHSN. As indicated in the table below, we identified 377 licensed general acute care hospitals representing 429 physical campuses with active acute care beds that operated continuously (for the full 12 months) during the reporting period. Of these, 46 licensed hospitals had more than one campus associated with its license. We defined a multi-campus reporting facility as a licensee that reported HAI data combined for two or more jointly operated general acute care campuses (38 licenses comprising 79 campuses). We defined a single-campus reporting facility as an individual general acute care

campus whose license included: (a) only one general acute care campus (331 licenses comprising 331 acute care campuses) or (b) more than one jointly-operated general acute care campus each of which reported infection information separately (8 licenses representing 19 campuses). In total, there were 388 reporting entities, hereafter referred to as hospitals. We referred to multi-campus hospitals by the business name of the licensee in CDPH Licensing and Certification (L&C) records except for the licenses involving University of California hospitals, which are described as such.

General Acute Care Hospitals (GACHs)	Number of Licenses	Number of Campuses
With active beds (total)	377	429
Consolidated license, <i>reported together</i>	38	79
Consolidated license, <i>reported separately</i>	8	19
<i>Single license, reporting separately</i>	331	331
<i>Reporting entities</i>	38 + 19 + 331 = 388	

LTAC and rehabilitation hospital patients have clinically complex problems, such as multiple acute or chronic conditions and are admitted with an expectation that their hospitalization will be long. LTACs are defined by the Centers for Medicare and Medicaid Services (CMS) as a licensed general acute care hospital providing care for patients with medically complex conditions requiring an average length of stay for all patients of greater than 25 days [2]. California LTAC hospitals were identified through CMS and assessments by HAI Program staff.

NHSN defines rehabilitation as evaluation and restoration of function to patients who have lost function due to acute or chronic pain, musculoskeletal problems, stroke, or catastrophic events resulting in complete or partial paralysis. The underlying hospital definitions for both are in Social Security Administration regulations [http://www.ssa.gov/OP_Home/ssact/title18/1886.htm#act-1886-d-1-b]. Because the NHSN risk adjustment process for MRSA BSI was developed for GACHs and not LTACs and rehabilitation hospitals, the latter two hospital categories are treated separately in this report in Tables 3 and 4.

Data sources

The primary sources of data for this data release are those submitted by hospitals using NHSN. Beginning April 1, 2010, all California licensed general acute care hospitals were required to report MRSA and VRE BSIs using the NHSN MDRO LabID module facility-wide [3] and provide CDPH electronic permission to access this data. On May 10, 2013, we accessed from NHSN MRSA and VRE BSI data reported for the period January 1, 2012 through December 31, 2012. These data included NHSN-produced summary files listing all MRSA and VRE BSIs reported by California hospitals (MRSA and VRE BSIs

event files) and NHSN-produced files containing counts of MRSA and VRE BSIs, patient days and MRSA BSI SIR and VRE BSI rates per 1000 patient days for each hospital (MRSA BSI SIR and VRE BSI rate files).

Definitions

CDPH required hospitals to comply with NSHN surveillance and reporting protocols and NHSN standardized definitions [3-5], including the definitions used in this data release:

MRSA: Includes *S. aureus* cultured from any specimen that tests oxacillin-resistant by standard susceptibility testing methods, or by a positive result from molecular testing for *mecA* and *PBP2a*. These methods may also include positive results of specimens tested by any other Food and Drug Administration (FDA) approved polymerase chain reaction (PCR) test for MRSA.

VRE: Any Enterococcus spp. (regardless of whether identified to the species level), that is resistant to vancomycin.

Unique Blood Source: A MDRO isolate from blood in a patient with no prior positive blood culture for the same MDRO in less than or equal to 2 weeks, even across calendar months. The 2-week interval is because some patients may have positive tests from the same infection for up to two weeks.

Laboratory-Identified (LabID) Event: All Unique Blood Source isolates for MRSA and VRE.

Community-Onset (CO): LabID Event specimen collected as an outpatient or an inpatient less than or equal to 3 days after admission to the facility (i.e., days 1, 2, or 3 of admission).

Healthcare Facility/Hospital-Onset (HO): LabID Event specimen collected more than 3 days after admission to the facility (i.e., on or after day 4). An infection with an MDRO that has its onset in the hospital does not mean that the MDRO itself (the MRSA or VRE bacteria in this case) was necessarily acquired (picked up) in this hospital. As mentioned above, a person may be colonized with MRSA and VRE; that is, the bacteria are present in the body without causing an infection. MRSA and VRE can be carried by a person for a year or more, and can cause an infection at any time.

Major teaching hospital: Hospital that is an important part of the teaching program of a medical school and the majority of medical students rotate through multiple clinical

services [7]. Before extracting the data for this release we asked each California hospital enrolled in NHSN self-identified as teaching to review their classification in regard to the NHSN definitions and to change their classification if appropriate. Each classification was reviewed and confirmed as appropriate according to NHSN definitions by HAI Program staff.

Pediatric hospital: Hospital defined by CDPH L&C Program as a stand-alone children's hospital.

Long-term Acute Care (LTAC): Hospital as defined by CMS as a licensed general acute care hospital providing care for patients with medically complex conditions requiring an average length of stay for all patients of greater than 25 days. California LTAC hospitals were identified through CMS and assessments by HAI Program staff.

Rehabilitation: Hospitals with inpatient wards for evaluation and restoration of function to patients who have lost function due to acute or chronic pain, musculoskeletal problems, stroke, or catastrophic events resulting in complete or partial paralysis. These hospitals were self-identified through NHSN.

Critical access hospital: Legislation enacted as part of the Balanced Budget Act (BBA) of 1997 authorized states to establish State Medicare Rural Hospital Flexibility Programs (Flex Program), under which certain facilities participating in Medicare can become Critical Access Hospitals (CAHs). CAH is a CMS designation implemented by states through a protocol.

Prison hospital: Hospitals associated with correctional institutions in California that were identified through the HAI Program staff.

Community hospital: Hospital not classified as major teaching, LTAC, pediatric, rehabilitation, critical access, or prison.

Reporting Period: January 1, 2012, through December 31, 2012.

Quality assurance and control

Hospital personnel were solely responsible for the quality and completeness of their MRSA and VRE BSI data. CDPH assisted hospitals in identifying potential systematic data errors by reviewing hospital-specific NHSN data and notifying hospitals of potential discrepancies. We distributed quality assurance and control reports, which identified missing, incomplete, or potentially aberrant data for the reporting period, to hospitals in

July and November 2012 and April 2013. We strongly encouraged hospitals to investigate and resolve any data issues, as appropriate. CDPH made available to hospitals the assistance of regional infection prevention staff to help resolve NHSN enrollment or reporting issues. Additionally, March and/or April 2013, we emailed those hospitals with less than twelve months of data indicating their hospital was identified as having missing data (both numerator and denominator) in NHSN. We encouraged hospitals to do a final review to make corrections and enter missing data before the final data download in May, 2013. Facilities made all corrections in NHSN.

Data presentation, organization and statistical analyses

New in this release, we present hospital specific MRSA BSI SIRs and 95% confidence interval (CI) for general acute care hospitals other than long-term and rehabilitation acute care hospitals. The NHSN SIR compares the actual number of HO incident cases with the predicted (expected) number based on the national baseline data, adjusting for the significant risk factors such as admission prevalence rate, facility bedsize, and medical school affiliation [8]. Adjusting for these factors provides for a more fair comparison of hospitals' infections to the predicted. For more precise comparisons, NHSN provides an SIR only when at least one infection is predicted. Baseline data and the time period are defined as the MRSA BSI data reported from facilities as in-plan data in each month's Patient Safety Monthly Reporting Plan, during 2010-2011. If an SIR was generated for a hospital, the calculated 95% CI determines if the observed number of infections was significantly different from predicted. Based on the 95% CI, we labeled each SIR as indicating either: N (no difference in number of observed and predicted infections), high (H, more infections than predicted), or low (L, fewer infections than predicted). The 95% CI is a range of values that includes the true SIR, knowing that the reported SIR in Table 2 is the most likely value. If the CI includes the value of one, then the SIR is not significant.

We present long term acute care (LTAC) and rehabilitation hospital specific MRSA BSI incidence rates as in prior releases, because few LTAC and rehabilitation hospitals reported MRSA BSI data during the baseline period (2010-2011), and were excluded from all SIR analyses. The rate calculation and comparison methodologies are similar to those for VRE BSI in LTAC and rehabilitation hospitals.

As in prior releases we present hospital specific VRE BSI incidence rates, case mix indices (CMI), when available and a California pooled mean (average) rate for each of the seven hospital categories. Numbers of VRE BSIs, patient days, unadjusted VRE BSI incidence rates, and 95% confidence intervals, stratified by hospital type, and the percentile distribution of the hospital-specific rates for each hospital category are the primary measures reported. We stratified hospitals according to status as a major

teaching, LTAC, pediatric, rehabilitation, critical access, prison, or community hospital. Those hospitals not classified as major teaching, LTAC, pediatric, rehabilitation, critical access, or prison were termed community hospitals. This category includes specialty hospitals such as surgery and oncology (cancer treatment) hospitals.

There are no accepted methods for risk adjusting or stratifying VRE BSI incidence rates and no published national benchmarks. The method of stratification used in this release has not been used elsewhere for evaluating VRE BSI incidence rates. We sorted hospitals into categories that reflect their patients' severity of illness and other factors that can affect their risk of infection, such as age and length of hospitalization, and the type of care that they receive.

We performed the following calculations on VRE BSI data submitted to NHSN during the reporting period. The numerators for the rates were all LabID Events categorized as defined above. The denominators for the rates were total inpatient days. The equation for the rate calculations are shown below:

Incidence Density Rate for hospital onset VRE BSIs [4]:

$$\frac{\text{Number of Unique Blood Source Hospital Onset (HO) LabID Events} \times 10,000}{\text{Total inpatient days}}$$

We used 10,000 as the multiplier rather than 1,000 to yield whole numbers or large fractions because BSI rates are low. Also, total patient days were most commonly in the tens of thousands. For this data release, incidence density rate will be referred to as incidence rate. Hospitals summed and entered into NHSN the denominator data (patient days and admissions) for all inpatient days. We calculated HO incidence rates for every hospital that reported data in NHSN for 12 months during the reporting period.

For each rate we calculated 95% confidence intervals using the Poisson distribution [6]. We calculated the statewide pooled mean rate (average rate) for each hospital category, e.g., community, by dividing the sum of all BSI cases for all hospitals in that category by the sum of all inpatient days from all hospitals in that category x 10,000.

A 95% confidence interval is a range of values used to quantify the precision of a rate that is associated with random variation (it provides no information about systematic errors or 'bias'). The wider the interval, the greater the uncertainty associated with the rate. The width of the confidence interval is, in part, related to the reported numbers of cases and patient days. Smaller hospitals with fewer infections and patient days have the least precision associated with their rates and the widest confidence intervals.

We used 95% confidence intervals to compare hospital-specific rates with the pooled mean rate (average rate) for each hospital category. This approach assumes that the statewide average rate (pooled mean rate) in each hospital category is the 'true value' for the rate. A hospital-specific VRE BSI rate was significantly higher than the pooled mean rate if the hospital's entire 95% confidence interval was higher than the pooled mean rate. The BSI rate was significantly lower than the pooled mean rate if the hospital's entire confidence interval was lower than the pooled mean rate. The BSI rate was no different than the pooled mean rate if the hospital's confidence interval contained the pooled mean rate.

For example, if the rate for a community hospital is 2.15 VRE BSI cases per 10,000 patient days, the 95% confidence interval for this hospital rate is (1.14,3.67) which includes the rate of 2.15. The hospital rate could be anywhere between 1.14 and 3.67. The statewide pooled mean rate for community hospitals is 0.35 BSI cases per 10,000 patient days. The 95% confidence interval with the lower bound of 1.14 being higher than the statewide average rate of 0.35 makes this hospital rate statistically higher than the state average rate for the community hospital category.

Confidence intervals for the stratified rates (classified by type of hospital) in this release may be used, with caution, to make comparisons between hospitals [7]. This method is useful as a quick but potentially inconclusive guide. Its interpretation differs from those made when comparing a hospital rate to a benchmark such as a pooled mean rate for the hospital group. If two hospitals' confidence intervals do not overlap, the rates are significantly different from one another.

For a measure of the severity of illness in hospital patient populations, we utilized campus-specific case mix indices (CMI), when available, published by the California Office of Statewide Health Planning and Development (OSHPD) for fiscal year 2011 (<http://www.oshpd.ca.gov/HID/Products/PatDischargeData/CaseMixIndex/>), and rounded indices to two decimal places. Although the CMI was derived using weights based on resource consumption by Medicare patients, OSHPD applied the CMI calculation to all patient discharge data reported by California hospitals. The CMI was available only for individual hospital campuses rather than for consolidated licensed hospitals, as a whole. The CMI provides a useful reference point when examining individual hospital VRE BSI rates as it can indicate whether a hospital serves patients with higher or lower severity of illness. Severity of illness is one factor associated with a hospital having a higher or lower VRE BSI rate when compared to the pooled mean. For example, a hospital caring for patients with higher severity of illness could be predicted to have higher rates of VRE BSIs. It is important to note that the CMI is only one factor that may explain the difference between a hospital's VRE BSI rate and the pooled mean

rate for that hospital category. Additionally, CMI may not completely account for differences in severity of illness between hospital patient populations.

Limitations and Context

Rates of infection can be risk adjusted, or risk stratified, to account for differences in the types of patients in different hospitals and allow for comparisons that are fairer. Risk adjustment means adjusting the rate for each hospital based on information on all patients in the hospitals, whether they have infections or not. The rates in this data release are not risk adjusted for VRE BSI in all hospital categories and for MRSA BSI in LTAC and rehabilitation hospitals, as there are no such methods available at this time. The unadjusted BSI rates are affected by clinical and infection control practices, patient-based risk factors, and surveillance methods. While stratifying VRE BSI rates by different hospital categories makes rates more comparable, it cannot control for all individual patient factors that can affect VRE BSI rates. Comparisons between hospitals within these groups (strata) should still be made with caution given that adjusting for different patient populations among the hospitals within these groups cannot be performed. Thus, differences in rates can represent differences in patient populations or differences in infection and transmission prevention practices. Comparisons must also assume that all laboratory and patient day data have been entered into NHSN accurately and correctly according to NHSN protocols. Misclassification of cases could result in a falsely lower or higher rate.

A number of hospitals had significantly higher or lower rates when compared to other hospitals in their respective categories. Differences in the severity of illness in their patient populations, as measured in this release through the CMI for VRE BSI, may explain some but not all of these differences. It is possible that CMI does not adequately represent the severity of illness in all hospitals. The risk of BSIs may also be related to factors other than severity of illness, including differences in infection prevention efforts.

We cannot compare the risk-adjusted SIRs to rates from the previous report for general acute care hospitals other than long-term and rehabilitation acute care hospitals because of using different measures of risk and adjustment factors in this report. There are no other reports of VRE BSI incidence rates in all hospital categories from NHSN data for comparison with this release except for the CDPH report from the previous release, so it is not possible to compare these rates from California hospitals with national or other state data. However, these data could be used to evaluate rates in California hospitals over time.

References

1. Siegel JD, Rhinehart E, Jackson M, Chiarello L. Healthcare Infection Control Practices Advisory Committee. Management of Multidrug-Resistant Organisms in Healthcare Settings, 2006. Am J Infect Control. 2007 Dec;35(10 Suppl 2):S165-93. http://cdc.gov/hicpac/mdro/mdro_toc.html. Accessed 29 July 2013.
2. Medicare Payment Advisory Commission. Report to the Congress: Medicare payment policy. Long-term care hospital services. 2008. http://www.medpac.gov/chapters/Mar08_Ch02g.pdf. Accessed 29 July 2013.
3. AFL 10-07. Senate Bill 1058 and Senate Bill 739: Changes in Methods of Reporting. <http://www.cdph.ca.gov/certlic/facilities/Documents/LNC-AFL-10-07.pdf>. Accessed 29 July 2013.
4. Centers for Disease Control and Prevention. Multidrug-resistant organism & *Clostridium difficile* Infection (MDRO/CDI) Module. Available from: http://www.cdc.gov/nhsn/PDFs/pscManual/12pscMDRO_CDADcurrent.pdf. Accessed 29 July 2013.
5. Centers for Disease Control and Prevention. National Healthcare Safety Network. Key Terms. http://www.cdc.gov/nhsn/PDFs/pscManual/16pscKeyTerms_current.pdf. Accessed 29 July 2013.
6. Daly, Leslie, "Simple SAS macros for the calculation of exact binomial and Poisson confidence limits (1992) ComputBiol Med, 22(5):351-361.
7. Schenker N, Gentleman JF. On judging the significance of differences by examining the overlap between confidence intervals. American Statistician 2001;55:182-6.
8. Centers for Disease Control and Prevention. Risk Adjustment for Healthcare Facility-Onset *C. difficile* and MRSA Bacteremia Laboratory-Identified Event Reporting in NHSN. Available at: <http://www.cdc.gov/nhsn/PDFs/mrsa-cdi/RiskAdjustment-MRSA-CDI.pdf>. Accessed 29 July 2013.

MRSA BSI Table of Contents:

Click on the links below to take you to each of the individual tables or you can scroll down to see each of the four tables page by page:

Table 1. NHSN Standardized Infection Ratio (SIR) or Incidence Rates of Hospital-Onset MRSA Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals, Restricted to Hospitals that Reported Twelve Months of Data, January 2012 - December 2012 (Inclusive)

Table 2. Hospital-Onset (HO) Methicillin-Resistant *Staphylococcus Aureus* Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Table 3. Incidence Rates of Hospital-Onset Methicillin-Resistant *Staphylococcus Aureus* Bloodstream Infections (MRSA BSI) Reported by California Long-Term Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Table 4. Incidence Rates of Hospital-Onset Methicillin-Resistant *Staphylococcus Aureus* Bloodstream Infections (MRSA BSI) Reported by California Rehabilitation Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Table1. NHSN Standardized Infection Ratio (SIR) or Incidence Rates of Hospital-Onset MRSA Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals, Restricted to Hospitals that Reported Twelve Months of Data, January 2012 - December 2012 (inclusive)

Facility Category	Number of Hospitals	Cases	Patient Days	SIR*	Incidence Rate	Minimum, Maximum, and Percentile Distribution of Hospital-Specific MRSA BSI						
						Min	Max	10%	25%	50%	75%	90%
General Acute Care**	357	728	15471564	0.78	NA	0	0	0	0.14	0.66	1.16	1.83
Long-Term Acute Care	22	83	463503	NA	1.79	0	5.78	0.51	0.56	1.60	2.55	3.83
Rehabilitation	7	6	150950	NA	0.40	0	0.99	0	0	0	0	0.99

*SIR is the ratio of reported hospital onset (HO) cases to the NHSN-predicted number of HO cases adjusted for the significant risk factors.

**Other than long-term acute care and rehabilitation acute care hospitals.

NA = Not Available

Notes: Incidence Rate per 10,000 patient days

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
STATE OF CALIFORNIA POOLED DATA	728	15471564	0.78		
† ADVENTIST HEALTH SYSTEMS	2	46475	0.77	0.09, 2.8	N
ADVENTIST MED CTR, HANFORD					
ADVENTIST MED CTR-SELMA					
ADVENTIST MED CTR, REEDLEY	0	6269			N
AHMC ANAHEIM REGIONAL MED CTR, ANAHEIM	3	53729	1.14	0.23, 3.33	N
† ALAMEDA COUNTY MED CTR	11	55291	4.56	2.27, 8.15	N
ALAMEDA COUNTY MED CTR, OAKLAND					
ALAMEDA COUNTY MED CTR-FAIRMONT CAMPUS, SAN LEANDRO					
ALAMEDA HOSP	2	12701	1.67	0.20, 6.02	N
ALHAMBRA HOSP MED CTR	1	17128			N
† ALTA LOS ANGELES HOSPS, INC.	2	42895	1.23	0.15, 4.44	N
LOS ANGELES COMMUNITY HOSP					
NORWALK COMMUNITY HOSP					
† ALVARADO HOSP, LLC	1	30238	0.44	0.01, 2.45	N
ALVARADO HOSP MED CTR, CAMPUS #1, SAN DIEGO					
ALVARADO HOSP MED CTR, CAMPUS #2, SAN DIEGO					
ANAHEIM GENERAL HOSP	0	6589			N
ANTELOPE VALLEY HOSP, LANCASTER	8	102141	1.25	0.54, 2.46	N
ARROWHEAD RGN MED CTR, COLTON	12	109367	0.98	0.51, 1.71	N
BAKERSFIELD HEART HOSP	3	17135			N
BAKERSFIELD MEMORIAL HOSP	5	72093	0.86	0.28, 2.0	N
BANNER LASSEN MED CTR, SUSANVILLE	0	5705			N
BARSTOW COMMUNITY HOSP	0	7730			N

[Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	0	7019			N
BEAR VALLEY COMMUNITY HOSP, BIG BEAR LAKE	0	765			N
BELLFLOWER MED CTR	0	26978			N
BEVERLY HOSP, MONTEBELLO	0	41363	0.00	0.00, 2.07	N
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	0	2482			N
BROTMAN MED CTR, CULVER CITY	8	66532	2.16	0.93, 4.25	N
CALIFORNIA HOSP MED CTR, LOS ANGELES	3	74155	0.67	0.14, 1.96	N
CALIFORNIA MED FACILITY, VACAVILLE	0	2127			N
CALIFORNIA MENS COLONY, SAN LUIS OBISPO	0	10044			N
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	1	17166			N
CATALINA ISLAND MED CTR, AVALON	0	63			N
CEDARS-SINAI MED CTR, LOS ANGELES	14	272456	0.52	0.28, 0.88	L
CENTINELA HOSP MED CTR, INGLEWOOD	2	66942	0.50	0.06, 1.82	N
CENTRAL VALLEY GENERAL HOSP, HANFORD	0	7783			N
CHAPMAN MED CTR, ORANGE	0	10658			N
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	0	49533	0.00	0.00, 1.59	N
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	0	6470			N
CHILDREN'S HOSP CENTRAL CA, MADERA	2	78598	0.60	0.07, 2.18	N
CHILDRENS HOSP OF LOS ANGELES	2	99595	0.37	0.04, 1.34	N
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	0	58912	0.00	0.00, 1.19	N
CHINESE HOSP, SAN FRANCISCO	0	10424			N
CHINO VALLEY MED CTR, CHINO	0	15580			N
† CITRUS VALLEY MED CTR, INC.	7	119188	0.82	0.33, 1.70	N
CITRUS VALLEY MED CTR, IC , COVINA					
CITRUS VALLEY MED CTR, QV, WEST COVINA					

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	1	60516	0.45	0.01, 2.48	N
CLOVIS COMMUNITY MED CTR	2	36535	1.34	0.16, 4.84	N
COALINGA REGIONAL MED CTR	0	1228			N
COAST PLAZA HOSP, NORWALK	2	15078	1.71	0.21, 6.18	N
COASTAL COMMUNITIES HOSP, SANTA ANA	1	21683	0.92	0.02, 5.12	N
COLLEGE HOSP COSTA MESA	0	39020	0.00	0.00, 2.64	N
COLUSA REG MED CTR	0	2915			N
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	0	10930			N
COMMUNITY HOSP LONG BEACH	2	10539			N
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY	0	47973	0.00	0.00, 2.15	N
COMMUNITY HOSP OF SAN BERNARDINO	2	34621	1.54	0.19, 5.55	N
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA	1	43088	0.39	0.01, 2.14	N
COMMUNITY REGIONAL MED CTR, FRESNO	20	185697	0.98	0.60, 1.52	N
CONTRA COSTA REGIONAL MED CTR, MARTINEZ	1	44461	0.55	0.01, 3.07	N
CORCORAN DISTRICT HOSP	0	1391			N
† COUNTY OF VENTURA	0	53236	0.00	0.00, 1.45	N
VENTURA COUNTY MED CTR					
VENTURA COUNTY MED CTR, SANTA PAULA HOSP					
DAMERON HOSP, STOCKTON	2	38345	0.89	0.11, 3.23	N
DELANO REGIONAL MED CTR	2	15368			N
DESERT REGIONAL MED CTR, PALM SPRINGS	4	73791	1.07	0.29, 2.73	N
DESERT VALLEY HOSP, VICTORVILLE	0	29490	0.00	0.00, 2.12	N
† DIGNITY HEALTH	0	50668	0.00	0.00, 1.50	N
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ					
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ					

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
† DIGNITY HEALTH	0	54670	0.00	0.00, 1.52	N
MERCY HOSP, BAKERSFIELD					
MERCY SOUTHWEST HOSP, BAKERSFIELD					
DOCTORS HOSP OF MANTECA	3	16696			N
DOCTORS HOSP OF WEST COVINA, INC, WEST COVINA	0	542			N
DOCTORS MED CTR, MODESTO	2	124419	0.22	0.03, 0.80	L
DOCTORS MED CTR, SAN PABLO	2	27505	1.16	0.14, 4.19	N
DOWNEY REGIONAL MED CTR	4	41622	1.95	0.53, 4.98	N
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	1	83845	0.31	0.01, 1.70	N
EAST LOS ANGELES DOCTORS HOSP, LOS ANGELES	0	27700	0.00	0.00, 3.14	N
EAST VALLEY HOSP MED CTR, GLENDORA	0	7037			N
EASTERN PLUMAS HEALTH CARE, PORTOLA	0	1038			N
EISENHOWER MED CTR, RANCHO MIRAGE	2	78588	0.38	0.05, 1.38	N
‡ EL CAMINO HOSP					
EL CAMINO HOSP, LOS GATOS	1	14684			N
EL CAMINO HOSP, MOUNTAIN VIEW	1	68207	0.35	0.01, 1.93	N
EL CENTRO REGIONAL MED CTR	0	28624	0.00	0.00, 2.69	N
EMANUEL MED CTR INC, TURLOCK	4	41600	1.98	0.54, 5.06	N
ENCINO HOSP MED CTR, ENCINO	0	19357	0.00	0.00, 3.28	N
† ENLOE MED CTR	1	68267	0.24	0.01, 1.34	N
ENLOE MED CTR-COHASSET, CHICO					
ENLOE MED CTR-ESPLANADE, CHICO					
ENLOE REHABILITATION CTR, CHICO					
FAIRCHILD MED CTR, YREKA	0	4838			N
FAIRVIEW DEVELOPMENTAL CTR, COSTA MESA	0	333			N

[Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
FALLBROOK HOSP DISTRICT	0	6221			N
FEATHER RIVER HOSP, PARADISE	1	22934			N
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	1	19770			N
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	3	93050	0.72	0.15, 2.11	N
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR					
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR					
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	5703			N
† FREMONT-RIDEOUT HEALTH GROUP	5	48944	2.06	0.67, 4.81	N
FREMONT MED CTR, YUBA CITY					
RIDEOUT MEMORIAL HOSP, MARYSVILLE					
FRENCH HOSP MED CTR, SAN LUIS OBISPO	0	14907			N
FRESNO HEART AND SURGICAL HOSP	0	10448			N
FRESNO SURGICAL HOSP	0	3653			N
GARDEN GROVE HOSP AND MED CTR	2	23445	1.53	0.18, 5.52	N
GARFIELD MED CTR, MONTEREY PARK	0	57640	0.00	0.00, 1.74	N
GEORGE L. MEE MEMORIAL HOSP, KING CITY	0	28186	0.00	0.00, 3.25	N
GLENDALE ADVENTIST MED CTR	7	106289	0.95	0.38, 1.95	N
GLENDALE MEMORIAL HOSP AND HEALTH CTR	3	55114	0.66	0.14, 1.94	N
GLENN MED CTR, WILLOWS	0	1174			N
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	0	14632			N
GOOD SAMARITAN HOSP, BAKERSFIELD	0	4444			N
GOOD SAMARITAN HOSP, LOS ANGELES	1	69203	0.28	0.01, 1.56	N
† GOOD SAMARITAN HOSP, LP	3	87621	0.58	0.12, 1.69	N
MISSION OAKS HOSP, LOS GATOS					
GOOD SAMARITAN HOSP, SAN JOSE					

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	1	14764			N
GROSSMONT HOSP, LA MESA	5	122933	0.49	0.16, 1.14	N
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER	0	7640			N
HEALDSBURG DISTRICT HOSP	0	4025			N
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	1793			N
† HEMET VALLEY MED CTR	2	31817	0.48	0.06, 1.75	
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	2	53738	0.96	0.12, 3.47	N
HI-DESERT MED CTR, JOSHUA TREE	0	11290			N
† HOAG MEMORIAL HOSP PRESBYTERIAN, INC	4	120585	0.41	0.11, 1.06	N
HOAG HOSPITAL, IRVINE					
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH					
HOAG ORTHOPEDIC HOSPITAL	0	9526			N
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	1	17203			N
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	5	73239	1.00	0.32, 2.34	N
† HOSPITAL COMMITTEE AREA LIVERMORE PLEASANTON	2	34233	1.28	0.15, 4.62	N
VALLEYCARE MEDICAL CENTER, PLEASANTON					
VALLEY MEMORIAL HOSPITAL, LIVERMORE					
HUNTINGTON BEACH HOSP	0	17775	0.00	0.00, 2.95	N
HUNTINGTON MEMORIAL HOSP, PASADENA	1	127956	0.13	0.00, 0.74	L
JEROLD PHELPS COMMUNITY HOSP, GARBERVILLE	0	74			N
JOHN C. FREMONT HEALTHCARE DISTRICT, MARIPOSA	0	9896			N
JOHN D KLARICH MEMORIAL HOSP, CSP-CORCORAN	0	23991			N
JOHN F. KENNEDY MEMORIAL HOSP, INDIO	1	28335	0.70	0.02, 3.92	N
JOHN MUIR MED CTR, CONCORD	0	44756	0.00	0.00, 1.68	N
JOHN MUIR MED CTR, WALNUT CREEK	3	87802	0.73	0.15, 2.13	N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
KAISER FOUNDATION HOSP, ANTIOCH	2	32330	1.43	0.17, 5.15	N
KAISER FOUNDATION HOSP, BALDWIN PARK	0	49458	0.00	0.00, 1.90	N
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER	3	70747	1.03	0.21, 3.00	N
KAISER FOUNDATION HOSP, FRESNO	0	26887	0.00	0.00, 2.51	N
KAISER FOUNDATION HOSP, LOS ANGELES	6	116332	1.01	0.37, 2.19	N
KAISER FOUNDATION HOSP, MORENO VALLEY	0	12854			N
KAISER FOUNDATION HOSP, PANORAMA CITY	1	47681	0.44	0.01, 2.46	N
KAISER FOUNDATION HOSP, REDWOOD CITY	0	33105	0.00	0.00, 2.85	N
KAISER FOUNDATION HOSP, RIVERSIDE	2	46012	1.01	0.12, 3.65	N
KAISER FOUNDATION HOSP, ROSEVILLE	0	77381	0.00	0.00, 1.14	N
KAISER FOUNDATION HOSP, SACRAMENTO	3	42737	1.27	0.26, 3.71	N
KAISER FOUNDATION HOSP, SAN DIEGO	5	117735	0.74	0.24, 1.72	N
KAISER FOUNDATION HOSP, SAN FRANCISCO	0	61991	0.00	0.00, 1.04	N
KAISER FOUNDATION HOSP-SAN JOSE	3	50469	1.22	0.25, 3.57	N
KAISER FOUNDATION HOSP, SAN RAFAEL	0	21810			N
KAISER FOUNDATION HOSP-SANTA CLARA	2	113975	0.46	0.06, 1.67	N
KAISER FOUNDATION HOSP, SANTA ROSA	0	32557	0.00	0.00, 3.16	N
KAISER FOUNDATION HOSP SOUTH BAY, HARBOR CITY	2	53847	0.85	0.10, 3.05	N
KAISER FOUNDATION HOSP-SOUTH SACRAMENTO	0	48736	0.00	0.00, 1.88	N
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	0	23970			N
KAISER FOUNDATION HOSP, VACAVILLE	2	14461			N
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	1	52556	0.42	0.01, 2.36	N
KAISER FOUNDATION HOSP-WALNUT CREEK	1	67139	0.42	0.01, 2.32	N
KAISER FOUNDATION HOSP-WEST LA, LOS ANGELES	3	48008	1.43	0.29, 4.16	N
KAISER FOUNDATION HOSP, WOODLAND HILLS	0	45597	0.00	0.00, 2.07	N

[Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
† KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP-ANAHEIM MEDICAL CENTER KAISER FOUNDATION HOSP-LAKEVIEW MEDICAL CENTER	2	53222	0.99	0.12, 3.56	N
‡ KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP, IRVINE	1	49445	0.55	0.01, 3.04	N
‡ KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP, FONTANA KAISER FOUNDATION HOSP, ONTARIO	1 0	81373 37845	0.33 0.00	0.01, 1.81 0.00, 2.63	N N
† KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP, FREMONT KAISER FOUNDATION HOSP, HAYWARD/FREMONT	1	55472	0.40	0.01, 2.25	N
† KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP, MODESTO KAISER FOUNDATION HOSP, MANTECA	0	29452	0.00	0.00, 3.41	N
† KAISER FOUNDATION HOSPS KAISER FOUNDATION HOSP, OAKLAND/RICHMOND KAISER FOUNDATION HOSP, RICHMOND CAMPUS	2	72871	0.71	0.08, 2.55	N
KAWEAH DELTA MED CTR, VISALIA	5	116521	0.70	0.23, 1.64	N
KECK HOSP OF USC, LOS ANGELES	9	81046	1.42	0.65, 2.70	N
KERN MED CTR, BAKERSFIELD	9	54199	2.48	1.13, 4.70	N
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	3027			N
LA PALMA INTERCOMMUNITY HOSP	5	18471			N
LAC+USC MED CTR, LOS ANGELES	23	182349	1.09	0.69, 1.64	N
LAC/HARBOR-UCLA MED CTR, TORRANCE	5	101015	0.51	0.16, 1.19	N
LAGUNA HONDA HOSP & REHAB CTR, SAN FRANCISCO	0	1667			N

[Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
LAKEWOOD REGIONAL MED CTR	3	35407	1.51	0.31, 4.42	N
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	486			N
† LODI MEMORIAL HOSP ASSOCIATION, INC.	0	29874	0.00	0.00, 3.45	N
LODI MEMORIAL HOSP (1RH)					
LODI MEMORIAL HOSP-WEST					
† LOMA LINDA UNIVERSITY MED CTR	14	210152	0.82	0.45, 1.38	N
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS					
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA					
LOMA LINDA UNIV MED CTR, LOMA LINDA					
LOMA LINDA UNIVERSITY MEDICAL CENTER - MURRIETA	1	24824			N
LOMPOC VALLEY MED CTR	0	9713			N
LONG BEACH MEMORIAL MED CTR, LONG BEACH	9	100889	1.01	0.46, 1.91	N
LOS ALAMITOS MED CTR	5	45773	2.48	0.81, 5.80	N
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	2	69726	0.49	0.06, 1.77	N
LOS ANGELES METROPOLITAN MED CTR	0	39648	0.00	0.00, 2.60	N
† LOS ROBLES REGIONAL MED CTR	5	80848	1.63	0.53, 3.80	N
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS					
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS					
THOUSAND OAKS SURGICAL HOSP					
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	3	108205	0.54	0.11, 1.59	N
MAD RIVER COMMUNITY HOSP, ARCATA	0	10750			N
MADERA COMMUNITY HOSP	2	24502			N
MAMMOTH HOSP	0	1640			N

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
‡ MARIAN REGIONAL MEDICAL CENTER					
MARIAN REGIONAL MEDICAL CENTER	1	42015	0.57	0.01, 3.16	N
MARIAN REGIONAL MEDICAL CENTER, ARROYO GRANDE	1	8111			N
MARIN GENERAL HOSP, GREENBRAE	1	45892	0.55	0.01, 3.07	N
MARINA DEL REY HOSP	1	15785			N
MARK TWAIN MEDICAL CENTER, SAN ANDREAS	0	4566			N
MARSHALL MED CTR (1-RH), PLACERVILLE	0	21864			N
MAYERS MEMORIAL HOSP, FALL RIVER MILLS	0	1846			N
MEMORIAL HOSP LOS BANOS	0	5044			N
MEMORIAL HOSP OF GARDENA	2	29298	1.12	0.13, 4.04	N
MEMORIAL MED CTR, MODESTO	4	100444	0.60	0.16, 1.54	N
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	1	5889			N
¶ MENIFEE VALLEY MED CTR, SUN CITY	0	6337			
MENLO PARK SURGICAL HOSP	0	377			N
MERCY GENERAL HOSP, SACRAMENTO	1	77223	0.29	0.01, 1.62	N
MERCY HOSP OF FOLSOM	0	20690			N
MERCY MED CTR MERCED	5	47752	1.83	0.59, 4.28	N
MERCY MED CTR MT. SHASTA	0	2999			N
MERCY MED CTR REDDING	9	57735	3.24	1.48, 6.14	N
MERCY SAN JUAN MED CTR, CARMICHAEL	4	90877	0.78	0.21, 1.99	N
METHODIST HOSP OF SACRAMENTO	3	36099	2.02	0.42, 5.91	N
METHODIST HOSP OF SOUTHERN CA, ARCADIA	9	74374	2.20	1.01, 4.18	N
† MILLS-PENINSULA HEALTH SERVICES	1	48258	0.45	0.01, 2.53	N
MILLS HEALTH CTR, SAN MATEO					
MILLS-PENINSULA MED CTR, BURLINGAME					

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
MIRACLE MILE MED CTR, LOS ANGELES	0	660			N
MISSION COMMUNITY HOSP, PANORAMA	3	37313	1.52	0.31, 4.44	N
‡ MISSION HOSP REGIONAL MED CTR					
MISSION HOSP LAGUNA BEACH	0	20202			N
MISSION HOSP REGIONAL MED CTR, MISSION VIEJO	1	74457	0.32	0.01, 1.78	N
MODOC MED CTR, ALTURAS	0	502			N
MONTCLAIR HOSP MED CTR	0	14685			N
MONTEREY PARK HOSP	1	16776			N
MOTION PICTURE & TELEVISION HOSP, WOODLAND HILLS	0	823			N
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	989			N
NATIVIDAD MED CTR, SALINAS	0	39442	0.00	0.00, 2.35	N
‡ NORTHBAY HEALTHCARE GROUP					
NORTHBAY MED CTR, FAIRFIELD	0	29320	0.00	0.00, 3.01	N
NORTHBAY VACAVALLEY HOSP, VACAVILLE	0	10617			N
NORTHERN INYO HOSP, BISHOP	0	2835			N
NORTHRIDGE HOSP MED CTR	5	73216	0.88	0.29, 2.05	N
NOVATO COMMUNITY HOSP	0	5597			N
O'CONNOR HOSP, SAN JOSE	5	43168	1.59	0.52, 3.71	N
OAK VALLEY HOSP DISTRICT (2-RH), OAKDALE	0	4941			N
¶ OJAI VALLEY COMMUNITY HOSP, OJAI	0	1283			
OLYMPIA MED CTR, LOS ANGELES	0	30068	0.00	0.00, 3.29	N
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY	0	49817	0.00	0.00, 2.07	N
OROVILLE HOSP	1	41837	0.45	0.01, 2.51	N
PACIFIC ALLIANCE MED CTR	0	30992	0.00	0.00, 2.79	N
PACIFIC HOSP OF LONG BEACH	0	43739	0.00	0.00, 2.35	N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	2	25988	1.81	0.22, 6.54	N
PALM DRIVE HOSP, SEBASTOPOL	0	4346			N
PALMDALE REGIONAL MEDICAL CTR	1	34753	0.64	0.02, 3.59	N
PALO VERDE HOSP, BLYTHE	0	4085			N
† PALOMAR HEALTH	4	92107	1.04	0.28, 2.66	N
PALOMAR HEALTH DOWNTOWN CAMPUS, ESCONDIDO					
PALOMAR MED CTR, ESCONDIDO					
PARADISE VALLEY HOSP, NATIONAL CITY	4	53899	1.61	0.44, 4.13	N
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	2	45384	0.81	0.10, 2.92	N
PATIENTS' HOSP OF REDDING	0	499			N
PETALUMA VALLEY HOSP, PETALUMA	1	10037			N
PIONEERS MEMORIAL HEALTHCARE DISTRICT, BRAWLEY	1	20444			N
PLACENTIA LINDA HOSP	0	14971			N
PLUMAS DISTRICT HOSP, QUINCY	0	1670			N
POMERADO HOSP, POWAY	0	28439	0.00	0.00, 3.20	N
POMONA VALLEY HOSP MED CTR, POMONA	11	114367	1.32	0.66, 2.36	N
PORTERVILLE DEVELOPMENTAL CTR	0	1589			N
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	3	70867	0.82	0.17, 2.38	N
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS	8	97747	1.56	0.67, 3.08	N
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO	2	31898	0.80	0.10, 2.90	N
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE	0	73351	0.00	0.00, 1.12	N
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	14	89715	3.77	2.06, 6.32	N
PROVIDENCE TARZANA MED CTR, TARZANA	7	63341	2.35	0.95, 4.85	N
QUEEN OF THE VALLEY MED CTR, NAPA	0	37737	0.00	0.00, 1.89	N
RADY CHILDREN'S HOSP, SAN DIEGO	0	77720	0.00	0.00, 0.94	L

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
REDLANDS COMMUNITY HOSP	3	47881	1.08	0.22, 3.17	N
REDWOOD MEMORIAL HOSP, FORTUNA	0	6252			N
† REGIONAL MED CTR OF SAN JOSE	5	40949	1.22	0.40, 2.86	N
RIDGECREST REGIONAL HOSP	0	9220			N
RIVERSIDE COMMUNITY HOSP	7	99861	1.60	0.64, 3.30	N
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	7	94752	1.16	0.47, 2.40	N
RONALD REAGAN UCLA MED CTR, LOS ANGELES	11	153970	0.66	0.33, 1.19	N
† SADDLEBACK MEMORIAL MED CTR	3	62204	1.02	0.21, 2.99	N
SADDLEBACK MEMORIAL MED CTR, LAGUNA HILLS					
SADDLEBACK MEMORIAL MED CTR-SAN CLEMENTE					
SAINT AGNES MED CTR, FRESNO	6	104832	1.03	0.38, 2.25	N
SAINT FRANCIS MED CTR, LYNWOOD	3	106987	0.54	0.11, 1.58	N
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	5	28572	3.45	1.12, 8.05	N
SAINT JOHN'S HEALTH CTR, SANTA MONICA	1	55131	0.38	0.01, 2.10	N
SAINT LOUISE REGIONAL HOSP, GILROY	0	12030			N
SAINT VINCENT MED CTR, LOS ANGELES	5	47048	2.08	0.68, 4.86	N
SALINAS VALLEY MEMORIAL HOSP	0	45102	0.00	0.00, 2.24	N
SAN ANTONIO COMMUNITY HOSP, UPLAND	2	58872	0.61	0.07, 2.20	N
SAN DIMAS COMMUNITY HOSP	1	13755			N
SAN FRANCISCO GENERAL HOSP	3	96688	0.14	0.03, 0.40	L
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	3	35983	1.63	0.34, 4.76	N
SAN GORGONIO MEMORIAL HOSP, BANNING	1	14337	0.89	0.02, 4.94	N
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	9	75720	2.42	1.11, 4.60	N
SAN JOAQUIN GENERAL HOSP, FRENCH P	5	41572	2.12	0.69, 4.95	N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
SAN MATEO MED CTR	0	20522	0.00	0.00, 3.15	N
† SAN RAMON REGIONAL MED CTR, INC.	1	16884			N
SAN RAMON REGIONAL MED CTR					
SAN RAMON REGIONAL MED CTR SOUTH BUILDING					
† SANTA BARBARA COTTAGE HOSPITAL	0	88522	0.00	0.00, 0.77	L
SANTA BARBARA COTTAGE HOSP					
REHABILITATION INSTITUTE AT SANTA BARBARA					
SANTA CLARA VALLEY MED CTR, SAN JOSE	5	126075	0.41	0.13, 0.96	L
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC	8	86444	1.29	0.55, 2.53	N
SANTA ROSA MEMORIAL HOSP	3	59401	0.71	0.15, 2.08	N
¶ SANTA YNEZ VALLEY COTTAGE HOSP, SOLVANG	0	584			
SCRIPPS GREEN HOSP, LA JOLLA	0	37527	0.00	0.00, 2.57	N
† SCRIPPS HEALTH	6	159423	0.38	0.14, 0.83	L
SCRIPPS MERCY HOSP, SAN DIEGO					
SCRIPPS MERCY HOSP CHULA VISTA					
SCRIPPS MEMORIAL HOSP, ENCINITAS	3	44329	1.56	0.32, 4.57	N
SCRIPPS MEMORIAL HOSP, LA JOLLA	3	77689	0.92	0.19, 2.70	N
SENECA HEALTHCARE DISTRICT, CHESTER	0	690			N
SEQUOIA HOSP, REDWOOD CITY	0	24717			N
† SETON MED CTR	3	33117	1.42	0.29, 4.14	N
SETON MED CTR-COASTSIDE, MOSS BEACH					
SETON MED CTR, DALY CITY					
SHARP CHULA VISTA MED CTR	4	71627	1.31	0.36, 3.36	N
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	8411			N
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	0	70046	0.00	0.00, 1.45	N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
SHARP MEMORIAL HOSP, SAN DIEGO	0	92438	0.00	0.00, 0.56	L
SHASTA REGIONAL MED CTR, REDDING	1	29668	0.54	0.01, 3.03	N
SHERMAN OAKS HOSP	1	21364	0.48	0.01, 2.70	N
SHRINERS HOSPS FOR CHILDREN, LOS ANGELES	0	1288			N
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO	0	6595			N
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	0	18327			N
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	3	29400	2.77	0.57, 8.08	N
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO	1	23547			N
SILVER LAKE MED CTR, LOS ANGELES	0	22411	0.00	0.00, 3.39	N
SIMI VALLEY HOSP & HEALTH CARE SERVICES	3	25266	2.49	0.51, 7.29	N
SONOMA DEVELOPMENTAL CTR, ELDRIDGE	0	1273			N
SONOMA VALLEY HOSP	0	4860			N
† SONORA REGIONAL MED CTR	0	18804	0.00	0.00, 3.68	N
SONORA REGIONAL MED CTR CAMPUS #1					
SONORA REGIONAL MED CTR CAMPUS #2					
SOUTHERN INYO HOSP, LONE PINE	0	224			N
ST BERNARDINE MED CTR	1	71544	0.17	0.00, 0.95	L
ST ELIZABETH COMMUNITY HOSP, RED BLUFF	0	10455			N
ST HELENA HOSP, CLEARLAKE	0	5578			N
ST HELENA HOSP, ST HELENA	0	17926			N
ST JOHN'S PLEASANT VALLEY HOSP, ARILLO	0	13352			N
ST JOHN'S REGIONAL MED CTR, OXNARD	6	51625	2.11	0.77, 4.59	N

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
‡ ST JOSEPH HOSP EUREKA					
ST JOSEPH HOSP, EUREKA	1	26563	0.73	0.02, 4.04	N
ST JOSEPH HOSP, ORANGE	1	88539	0.18	0.00, 0.98	L
ST JOSEPH'S MED CTR OF STOCKTON	5	76246	1.03	0.33, 2.41	N
ST JUDE MED CTR, FULLERTON	1	68791	0.20	0.00, 1.12	N
ST MARY MED CTR, APPLE VALLEY	2	69089	0.63	0.08, 2.26	N
ST MARY MED CTR, LONG BEACH	3	55667	1.51	0.31, 4.40	N
ST MARY'S MED CTR, SAN FRANCISCO	0	36655	0.00	0.00, 2.8	N
ST ROSE HOSP, HAYWARD	0	34442	0.00	0.00, 2.31	N
STANFORD HOSP, STANFORD	2	141567	0.16	0.02, 0.56	L
STANISLAUS SURGICAL HOSP, MODESTO	0	1973			N
SURPRISE VALLEY COMMUNITY HOSP, CEDARVILLE	0	44			N
SUTTER AMADOR HOSP, JACKSON	0	7914			N
SUTTER AUBURN FAITH HOSP, AUBURN	0	12976			N
SUTTER COAST HOSP, CRESCENT CITY	0	6926			N
SUTTER DAVIS HOSPITAL, DAVIS	0	11137			N
SUTTER DELTA MED CTR, ANTIOCH	3	31250	2.09	0.43, 6.10	N
† SUTTER EAST BAY HOSPS CTR	2	89002	0.58	0.07, 2.08	N
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY					
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY					
† SUTTER EAST BAY HOSPS CTR	7	66769	1.16	0.47, 2.40	N
ALTA BATES SUMMIT MED CTR, OAKLAND					
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS, OAKLAND					

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
† SUTTER HEALTH SACRAMENTO SIERRA REGION	6	138498	0.64	0.23, 1.39	N
SUTTER GENERAL HOSP, SACRAMENTO					
SUTTER MEMORIAL HOSP, SACRAMENTO					
SUTTER LAKESIDE HOSP, LAKEPORT	0	6913			N
SUTTER MATERNITY & SURGERY CTR OF SANTA CRUZ	0	6198			N
† SUTTER MED CTR, CASTRO VALLEY	3	53025	1.07	0.22, 3.11	N
EDEN MED CTR, CASTRO VALLEY					
SAN LEANDRO HOSP					
SUTTER MED CTR OF SANTA ROSA	2	24898	1.73	0.21, 6.23	N
SUTTER ROSEVILLE MED CTR	0	95208	0.00	0.00, 1.02	N
SUTTER SOLANO MED CTR, VALLEJO	1	19942	0.93	0.02, 5.20	N
SUTTER SURGICAL HOSP, NORTH VALLEY, YUBA CITY	0	1453			N
SUTTER TRACY COMMUNITY HOSP	0	15208			N
‡ SUTTER WEST BAY HOSPS					
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, S F	1	20458	0.97	0.02, 5.42	N
† SUTTER WEST BAY HOSPS	5	115623	0.75	0.24, 1.74	N
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F					
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, S F					
TAHOE FOREST HOSP, TRUCKEE	0	4860			N
TEHACHAPI HOSP, TEHACHAPI	0	5914			N
TEMPLE COMMUNITY HOSP, LOS ANGELES	0	12060			N
TORRANCE MEMORIAL MED CTR, TORRANCE	4	88160	0.80	0.22, 2.04	N
TRI-CITY MED CTR, OCEANSIDE	3	76115	0.82	0.17, 2.41	N
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	1	13111			N
TRINITY HOSP, WEAVERVILLE	0	2045			N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
TULARE REGIONAL MEDICAL CTR	1	19284			N
TWIN CITIES COMMUNITY HOSP, TEMPLETON	0	20731			N
† UHS-CORONA, INC.	0	35544	0.00	0.00, 2.64	N
CORONA REGIONAL MED CTR, CAMPUS #1					
CORONA REGIONAL MED CTR, CAMPUS #2					
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	13665			N
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	29	168987	2.11	1.41, 3.02	N
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	2	60267	0.83	0.10, 2.98	N
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA					
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR					
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	5	113151	0.47	0.15, 1.09	N
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	7	154360	0.59	0.24, 1.21	N
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR					
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP					
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	15	191913	0.85	0.48, 1.41	N
UCSF MED CTR, SAN FRANCISCO					
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO					
VALLEY PRESBYTERIAN HOSP, VAN NUYS	1	70663	0.23	0.01, 1.26	N
VERDUGO HILLS HOSP, GLENDALE	0	24794	0.00	0.00, 3.07	N
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE	0	20729			N
WASHINGTON HOSP, FREMONT	1	59409	0.37	0.01, 2.06	N
WATSONVILLE COMMUNITY HOSP	0	20702			N
WEST ANAHEIM MED CTR, ANAHEIM	7	33688	1.54	0.62, 3.17	N
WEST HILLS HOSP AND MED CTR	5	43585	1.71	0.56, 3.10	N
WESTERN MED CTR ANAHEIM	0	41111	0.00	0.00, 2.09	N

 [Go Back To Table of Contents Page](#)

Table 2. Hospital-Onset (HO) Methicillin-Resistant Staphylococcus Aureus Bloodstream Infections (MRSA BSI) Reported by California Acute Care Hospitals*, other than Long-term and Rehabilitation Acute Care Hospitals, January 2012 - December 2012 (Inclusive), with NHSN Standardized Infection Ratios (SIR)

Hospital Name	Infection Count	Patient days	SIR ^a	SIR 95% CI ^b	Comparison ^c
WESTERN MED CTR SANTA ANA	0	34740	0.00	0.00, 2.41	N
WHITE MEMORIAL MED CTR, LOS ANGELES	5	105054	1.09	0.35, 2.53	N
WHITTIER HOSP MED CTR	0	30685	0.00	0.00, 2.39	N
WOODLAND MEMORIAL HOSP	0	10175			N

*All hospitals reported 12 months of data except for hospitals with extreme outlier community-onset MRSA BSI prevalence rate(s).

^a SIR is the ratio of reported hospital onset (HO) cases to the NHSN-predicted number of HO cases adjusted for the significant risk factors. An SIR is produced when at least one infection is predicted. Hospitals with NHSN-predicted number of HO MRSA BSI cases <1 had no SIRs calculated due to less precise comparisons.

^b If the 95% Confidence Interval (CI) for the SIR includes 1, the number of reported cases is not statistically significantly different from that predicted.

^c This column shows if the 95% CI indicates an infection count significantly higher (H), lower (L) or no different (N) than predicted.

[†] Hospitals reported infection data aggregated over all acute care campuses.

[‡] Hospitals reported infection data separately by acute care campus.

[¶] Hospitals with data presented for only 6 or 9 months of the year in 2012; data from hospitals that reported extreme outlier community-onset MRSA BSI prevalence rate for certain quarters of the year were excluded from further analyses for those quarters

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Table 3. Incidence Rates of Hospital-Onset Methicillin-Resistant *Staphylococcus Aureus* Bloodstream Infections (MRSA BSI) Reported by California Long-Term Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**
STATE OF CALIFORNIA POOLED DATA	83	463503	1.79		
BARLOW RESPIRATORY HOSP, LOS ANGELES	2	24060	0.83	(0.10, 3.00)	N
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	0	17968	0.00	(0.00, 1.67)	L
KINDRED HOSP, BALDWIN PARK	5	24778	2.02	(0.66, 4.71)	N
KINDRED HOSP, BREA	9	15581	5.78	(2.64, 10.97)	H
KINDRED HOSP-LOS ANGELES	10	27328	3.66	(1.75, 6.73)	N
KINDRED HOSP, ONTARIO	4	28127	1.42	(0.39, 3.64)	N
KINDRED HOSP RANCHO, RANCHO CUCAMONGA	7	18254	3.83	(1.54, 7.90)	N
KINDRED HOSP RIVERSIDE, PERRIS	3	12121	2.48	(0.51, 7.23)	N
KINDRED HOSP-SACRAMENTO, FOLSOM	1	11972	0.84	(0.02, 4.65)	N
KINDRED HOSP-SAN DIEGO	1	18725	0.53	(0.01, 2.98)	N
KINDRED HOSP-SAN FRANCISCO BAY AREA, SAN LEANDRO	4	15685	2.55	(0.69, 6.53)	N
KINDRED HOSP SOUTH BAY, GARDENA	5	28140	1.78	(0.58, 4.15)	N
KINDRED HOSP, WESTMINSTER	8	37711	2.12	(0.92, 4.18)	N
MONROVIA MEMORIAL HOSP	1	14453	0.69	(0.02, 3.86)	N
NORTHERN CA REHAB HOSP, REDDING	2	16878	1.18	(0.14, 4.28)	N
‡ PROMISE HOSP OF EAST LOS ANGELES, L.P.					
PROMISE HOSP OF EAST LA-SUBURBAN CAMPUS, PARAMOUNT	3	37708	0.80	(0.16, 2.33)	N
PROMISE HOSP OF EAST LA-EAST L.A CAMPUS, LOS ANGELES	4	9481	4.22	(1.15, 10.80)	N
PROMISE HOSP OF SAN DIEGO	5	18316	2.73	(0.89, 6.37)	N
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.					
KINDRED HOSP, LA MIRADA	3	22827	1.31	(0.27, 3.84)	N
KINDRED HOSP-SAN GABRIEL VALLEY, WEST COVINA	1	19704	0.51	(0.01, 2.83)	N
KINDRED HOSP, SANTA ANA	4	16894	2.37	(0.65, 6.06)	N
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	1	26792	0.37	(0.01, 2.08)	N

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

‡ Hospitals reported infection data separately by acute care campus

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

 [Go Back To Table of Contents Page](#)

Table 4. Incidence Rates of Hospital-Onset Methicillin-Resistant *Staphylococcus Aureus* Bloodstream Infections (MRSA BSI) Reported by California Rehabilitation Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**
STATE OF CALIFORNIA POOLED DATA	6	150950	0.40		
BALLARD REHAB HOSP, SAN BERNARDINO	0	13448	0.00	(0.00, 2.23)	N
CASA COLINA HOSP FOR REHABILITATIVE MEDICINE, POMONA	0	21716	0.00	(0.00, 1.38)	N
HEALTHSOUTH BAKERSFIELD REHABILITATION HOSP	0	19984	0.00	(0.00, 1.50)	N
HEALTHSOUTH TUSTIN REHABILITATION HOSP	0	15109	0.00	(0.00, 1.98)	N
LAC/RANCHO LOS AMIGOS NATIONAL REHAB CTR, DOWNEY	6	60456	0.99	(0.36, 2.16)	N
SAN JOAQUIN VALLEY REHAB HOSP, FRESNO	0	17664	0.00	(0.00, 1.70)	N
‡ ST JOSEPH HOSP EUREKA					
THE GENERAL HOSP, EUREKA	0	2573	0.00	(0.00, 11.64)	N

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

‡ Hospitals reported infection data separately by acute care campus

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

VRE BSI Table of Contents:

Click on the links below to take you to each of the individual tables or you can scroll down to see each of the four tables page by page:

Table 5. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Acute Care Hospitals, Restricted to Hospitals that Reported Twelve Months of Data, January 2012 - December 2012 (inclusive)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Table 7. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Major Teaching Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Table 8. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Pediatric Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Table 9. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Long-Term Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Table 10. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Rehabilitation Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Table 11. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Critical Access Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Table 12. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections Reported by California Prison Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Table 5. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Acute Care Hospitals, Restricted to Hospitals that Reported Twelve Months of Data, January 2012 - December 2012 (inclusive)

Facility Category	Number of Hospitals	Cases	Patient Days	Pooled Mean Rate	Minimum, Maximum, and Percentile Distribution of Hospital-Specific VRE BSI Rates							Mean Case Mix Index*
					Min	Max	10%	25%	50%	75%	90%	
Community**	292	419	11974003	0.35	0	4.21	0	0	0	0.44	0.83	1.24
Major Teaching	20	275	2815470	0.98	0.21	2.47	0.37	0.49	0.63	1.33	1.75	1.50
Pediatric	11	10	572554	0.17	0	0.3	0	0	0.09	0.24	0.25	1.38
Long-Term Acute Care	22	121	463503	2.61	0	5.84	0	0.56	2.5	3.83	5.13	2.66
Rehabilitation	7	0	150950	0	0	0	0	0	0	0	0	1.06
Critical Access	31	0	103450	0	0	0	0	0	0	0	0	NA
Prison	3	0	36162	0	0	0	0	0	0	0	0	NA
All	386	825	16116092	0.52	0	5.85	0	0	0	0.53	1.23	1.34

*Mean of all hospitals in each category case mix indices

**Other than major teaching, pediatric, long-term acute care, rehabilitation, critical access, or prison

NA = Not Available

Notes: Rate per 10,000 patient days

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA	419	11974003	0.35			1.24***
† ADVENTIST HEALTH SYSTEMS	0	46475	0.00	(0.00,0.64)	N	
ADVENTIST MED CTR, HANFORD						
ADVENTIST MED CTR-SELMA						1.10
ADVENTIST MED CTR, REEDLEY	0	6269	0.00	(0.00,4.78)	N	0.67
AHMC ANAHEIM REGIONAL MED CTR, ANAHEIM	0	53729	0.00	(0.00,0.56)	N	1.25
† ALAMEDA COUNTY MED CTR	3	55291	0.54	(0.11,1.59)	N	
ALAMEDA COUNTY MED CTR, OAKLAND						1.06
ALAMEDA COUNTY MED CTR-FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA HOSP	1	12701	0.79	(0.02,4.39)	N	1.32
ALHAMBRA HOSP MED CTR	0	17128	0.00	(0.00,1.75)	N	1.51
† ALTA LOS ANGELES HOSPS, INC.	2	42895	0.47	(0.06,1.68)	N	
LOS ANGELES COMMUNITY HOSP						1.12
NORWALK COMMUNITY HOSP						1.33
† ALVARADO HOSP, LLC	3	30238	0.99	(0.20,2.90)	N	
ALVARADO HOSP MED CTR, CAMPUS #1, SAN DIEGO						1.63
ALVARADO HOSP MED CTR, CAMPUS #2, SAN DIEGO						
ANAHEIM GENERAL HOSP	0	6589	0.00	(0.00,4.55)	N	1.25
ANTELOPE VALLEY HOSP, LANCASTER	2	102141	0.20	(0.02,0.71)	N	1.10
BAKERSFIELD HEART HOSP	3	17135	1.75	(0.36,5.12)	H	1.77
BAKERSFIELD MEMORIAL HOSP	2	72093	0.28	(0.03,1.00)	N	1.19
BARSTOW COMMUNITY HOSP	0	7730	0.00	(0.00,3.88)	N	1.03
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	0	7019	0.00	(0.00,4.27)	N	1.17
BEAR VALLEY COMMUNITY HOSP, BIG BEAR LAKE	0	765	0.00	(0.00,39.16)	N	0.99
BELLFLOWER MED CTR	0	26978	0.00	(0.00,1.11)	N	0.83
BEVERLY HOSP, MONTEBELLO	1	41363	0.24	(0.01,1.35)	N	1.20
BROTMAN MED CTR, CULVER CITY	6	66532	0.90	(0.33,1.96)	N	1.20
CALIFORNIA HOSP MED CTR, LOS ANGELES	6	74155	0.81	(0.30,1.76)	N	1.02

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	2	17166	1.17	(0.14,4.21)	N	1.11
CENTINELA HOSP MED CTR, INGLEWOOD	1	66942	0.15	(0.00,0.83)	N	1.41
CENTRAL VALLEY GENERAL HOSP, HANFORD	0	7783	0.00	(0.00,3.85)	N	0.58
CHAPMAN MED CTR, ORANGE	1	10658	0.94	(0.02,5.23)	N	1.37
CHINESE HOSP, SAN FRANCISCO	0	10424	0.00	(0.00,2.87)	N	1.19
CHINO VALLEY MED CTR, CHINO	0	15580	0.00	(0.00,1.92)	N	1.21
† CITRUS VALLEY MED CTR, INC.	9	119188	0.76	(0.35,1.43)	N	
CITRUS VALLEY MED CTR, IC , COVINA						1.38
CITRUS VALLEY MED CTR, QV, WEST COVINA						1.02
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	13	60516	2.15	(1.14,3.67)	H	2.27
CLOVIS COMMUNITY MED CTR	1	36535	0.27	(0.01,1.53)	N	0.94
COALINGA REGIONAL MED CTR	0	1228	0.00	(0.00,24.40)	N	0.88
COAST PLAZA HOSP, NORWALK	3	15078	1.99	(0.41,5.81)	H	1.19
COASTAL COMMUNITIES HOSP, SANTA ANA	0	21683	0.00	(0.00,1.38)	N	0.91
COLLEGE HOSP COSTA MESA	0	39020	0.00	(0.00,0.77)	N	0.84
COLUSA REG MED CTR	0	2915	0.00	(0.00,10.28)	N	0.85
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	0	10930	0.00	(0.00,2.74)	N	
COMMUNITY HOSP LONG BEACH	0	10539	0.00	(0.00,2.84)	N	1.14
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY	0	47973	0.00	(0.00,0.62)	N	1.37
COMMUNITY HOSP OF SAN BERNARDINO	0	34621	0.00	(0.00,0.87)	N	0.92
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA	0	43088	0.00	(0.00,0.70)	N	1.28
CONTRA COSTA REGIONAL MED CTR, MARTINEZ	0	44461	0.00	(0.00,0.67)	N	0.92
CORCORAN DISTRICT HOSP	0	1391	0.00	(0.00,21.54)	N	0.88
† COUNTY OF VENTURA	1	53236	0.19	(0.00,1.05)	N	
VENTURA COUNTY MED CTR						1.07
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DAMERON HOSP, STOCKTON	0	38345	0.00	(0.00,0.78)	N	1.26
DELANO REGIONAL MED CTR	0	15368	0.00	(0.00,1.95)	N	1.00

 [Go Back to Table Of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
DESERT REGIONAL MED CTR, PALM SPRINGS	0	73791	0.00	(0.00,0.41)	N	1.28
DESERT VALLEY HOSP, VICTORVILLE	0	29490	0.00	(0.00,1.02)	N	1.27
† DIGNITY HEALTH	0	50668	0.00	(0.00,0.59)	N	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						1.31
† DIGNITY HEALTH	2	54670	0.37	(0.04,1.32)	N	
MERCY HOSP, BAKERSFIELD						1.15
MERCY SOUTHWEST HOSP, BAKERSFIELD						
DOCTORS HOSP OF MANTECA	0	16696	0.00	(0.00,1.79)	N	0.97
DOCTORS HOSP OF WEST COVINA, INC, WEST COVINA	0	542	0.00	(0.00,55.27)	N	1.35
DOCTORS MED CTR, MODESTO	6	124419	0.48	(0.18,1.05)	N	1.20
DOCTORS MED CTR, SAN PABLO	1	27505	0.36	(0.01,2.03)	N	1.50
DOWNEY REGIONAL MED CTR	1	41622	0.24	(0.01,1.34)	N	1.17
EAST LOS ANGELES DOCTORS HOSP, LOS ANGELES	0	27700	0.00	(0.00,1.08)	N	1.03
EAST VALLEY HOSP MED CTR, GLENDORA	0	7037	0.00	(0.00,4.26)	N	1.07
EISENHOWER MED CTR, RANCHO MIRAGE	4	78588	0.51	(0.14,1.30)	N	1.54
‡ EL CAMINO HOSP						
EL CAMINO HOSP, LOS GATOS	0	14684	0.00	(0.00,2.04)	N	
EL CAMINO HOSP, MOUNTAIN VIEW	0	68207	0.00	(0.00,0.44)	N	1.18
EL CENTRO REGIONAL MED CTR	0	28624	0.00	(0.00,1.05)	N	1.01
EMANUEL MED CTR INC, TURLOCK	1	41600	0.24	(0.01,1.34)	N	1.07
ENCINO HOSP MED CTR, ENCINO	1	19357	0.52	(0.01,2.88)	N	1.33
† ENLOE MED CTR	0	68267	0.00	(0.00,0.44)	N	
ENLOE MED CTR-COHASSET, CHICO						
ENLOE MED CTR-ESPLANADE, CHICO						1.44
ENLOE REHABILITATION CTR, CHICO						
FAIRVIEW DEVELOPMENTAL CTR, COSTA MESA	0	333	0.00	(0.00,89.96)	N	
FALLBROOK HOSP DISTRICT	0	6221	0.00	(0.00,4.82)	N	1.02

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
FEATHER RIVER HOSP, PARADISE	0	22934	0.00	(0.00,1.31)	N	1.08
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	1	19770	0.51	(0.01,2.82)	N	1.08
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	3	93050	0.32	(0.07,0.94)	N	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.31
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
† FREMONT-RIDEOUT HEALTH GROUP	7	48944	1.43	(0.58,2.95)	H	
FREMONT MED CTR, YUBA CITY						
RIDEOUT MEMORIAL HOSP, MARYSVILLE						1.20
FRENCH HOSP MED CTR, SAN LUIS OBISPO	0	14907	0.00	(0.00,2.01)	N	1.36
FRESNO HEART AND SURGICAL HOSP	0	10448	0.00	(0.00,2.87)	N	2.10
FRESNO SURGICAL HOSP	0	3653	0.00	(0.00,8.20)	N	2.00
GARDEN GROVE HOSP AND MED CTR	1	23445	0.43	(0.01,2.38)	N	1.11
GARFIELD MED CTR, MONTEREY PARK	1	57640	0.17	(0.00,0.97)	N	1.09
GEORGE L. MEE MEMORIAL HOSP, KING CITY	0	28186	0.00	(0.00,1.06)	N	0.80
GLENDALE ADVENTIST MED CTR	9	106289	0.85	(0.39,1.61)	H	1.22
GLENDALE MEMORIAL HOSP AND HEALTH CTR	3	55114	0.54	(0.11,1.59)	N	1.31
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	0	14632	0.00	(0.00,2.05)	N	
GOOD SAMARITAN HOSP, BAKERSFIELD	0	4444	0.00	(0.00,6.74)	N	0.90
GOOD SAMARITAN HOSP, LOS ANGELES	3	69203	0.43	(0.09,1.27)	N	1.23
† GOOD SAMARITAN HOSP, LP	1	87621	0.11	(0.00,0.64)	N	
MISSION OAKS HOSP, LOS GATOS						
GOOD SAMARITAN HOSP, SAN JOSE						1.29
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	2	14764	1.35	(0.16,4.89)	N	1.04
GROSSMONT HOSP, LA MESA	0	122933	0.00	(0.00,0.24)	L	1.31
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER	0	7640	0.00	(0.00,3.92)	N	0.93
HEMET VALLEY MED CTR	10	41790	2.39	(1.15,4.40)	H	1.20
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	2	53738	0.37	(0.05,1.34)	N	1.16
HI-DESERT MED CTR, JOSHUA TREE	0	11290	0.00	(0.00,2.65)	N	1.01

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
† HOAG MEMORIAL HOSP PRESBYTERIAN, INC	2	120585	0.17	(0.02,0.60)	N	
HOAG HOSPITAL, IRVINE						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						1.30
HOAG ORTHOPEDIC HOSPITAL	0	9526	0.00	(0.00,3.14)	N	2.28
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	3	17203	1.74	(0.36,5.10)	H	1.23
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	3	73239	0.41	(0.08,1.20)	N	1.15
† HOSPITAL COMMITTEE AREA LIVERMORE PLEASANTON	2	34233	0.58	(0.07,2.11)	N	
VALLEYCARE MEDICAL CENTER, PLEASANTON						1.36
VALLEY MEMORIAL HOSPITAL, LIVERMORE						
HUNTINGTON BEACH HOSP	1	17775	0.56	(0.01,3.13)	N	1.43
HUNTINGTON MEMORIAL HOSP, PASADENA	3	127956	0.23	(0.05,0.69)	N	1.31
JOHN F. KENNEDY MEMORIAL HOSP, INDIO	0	28335	0.00	(0.00,1.06)	N	1.00
JOHN MUIR MED CTR, CONCORD	3	44756	0.67	(0.14,1.96)	N	1.77
JOHN MUIR MED CTR, WALNUT CREEK	0	87802	0.00	(0.00,0.34)	L	1.40
KAISER FOUNDATION HOSP, ANTIOCH	0	32330	0.00	(0.00,0.93)	N	
KAISER FOUNDATION HOSP, BALDWIN PARK	0	49458	0.00	(0.00,0.61)	N	1.09
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER	1	70747	0.14	(0.00,0.79)	N	1.16
KAISER FOUNDATION HOSP, FRESNO	1	26887	0.37	(0.01,2.07)	N	1.22
KAISER FOUNDATION HOSP, MORENO VALLEY	0	12854	0.00	(0.00,2.33)	N	0.86
KAISER FOUNDATION HOSP, PANORAMA CITY	2	47681	0.42	(0.05,1.52)	N	1.13
KAISER FOUNDATION HOSP, REDWOOD CITY	2	33105	0.60	(0.07,2.18)	N	1.46
KAISER FOUNDATION HOSP, RIVERSIDE	0	46012	0.00	(0.00,0.65)	N	1.14
KAISER FOUNDATION HOSP, ROSEVILLE	1	77381	0.13	(0.00,0.72)	N	1.22
KAISER FOUNDATION HOSP, SACRAMENTO	0	42737	0.00	(0.00,0.70)	N	1.54
KAISER FOUNDATION HOSP, SAN DIEGO	4	117735	0.34	(0.09,0.87)	N	1.16
KAISER FOUNDATION HOSP, SAN FRANCISCO	2	61991	0.32	(0.04,1.17)	N	1.54
KAISER FOUNDATION HOSP-SAN JOSE	0	50469	0.00	(0.00,0.59)	N	1.23
KAISER FOUNDATION HOSP, SAN RAFAEL	0	21810	0.00	(0.00,1.37)	N	1.47

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
KAISER FOUNDATION HOSP-SANTA CLARA	0	113975	0.00	(0.00,0.26)	L	1.38
KAISER FOUNDATION HOSP, SANTA ROSA	0	32557	0.00	(0.00,0.92)	N	1.14
KAISER FOUNDATION HOSP SOUTH BAY, HARBOR CITY	4	53847	0.74	(0.20,1.90)	N	1.19
KAISER FOUNDATION HOSP-SOUTH SACRAMENTO	0	48736	0.00	(0.00,0.61)	N	1.20
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	0	23970	0.00	(0.00,1.25)	N	1.52
KAISER FOUNDATION HOSP, VACAVILLE	0	14461	0.00	(0.00,2.07)	N	1.33
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	0	52556	0.00	(0.00,0.57)	N	1.19
KAISER FOUNDATION HOSP-WALNUT CREEK	2	67139	0.30	(0.04,1.08)	N	1.23
KAISER FOUNDATION HOSP-WEST LA, LOS ANGELES	4	48008	0.83	(0.23,2.13)	N	1.25
KAISER FOUNDATION HOSP, WOODLAND HILLS	2	45597	0.44	(0.05,1.58)	N	1.28
† KAISER FOUNDATION HOSPS	2	53222	0.38	(0.05,1.36)	N	
KAISER FOUNDATION HOSP-ANAHEIM MEDICAL CENTER						1.14
KAISER FOUNDATION HOSP-LAKEVIEW MEDICAL CENTER						
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, IRVINE	0	49445	0.00	(0.00,0.61)	N	
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, FONTANA	1	81373	0.12	(0.00,0.68)	N	1.19
KAISER FOUNDATION HOSP, ONTARIO	1	37845	0.26	(0.01,1.47)	N	
† KAISER FOUNDATION HOSPS	0	55472	0.00	(0.00,0.54)	N	
KAISER FOUNDATION HOSP, FREMONT						
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.23
† KAISER FOUNDATION HOSPS	0	29452	0.00	(0.00,1.02)	N	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.14
† KAISER FOUNDATION HOSPS	0	72871	0.00	(0.00,0.41)	N	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.42
KAISER FOUNDATION HOSP, RICHMOND CAMPUS						
KAWEAH DELTA MED CTR, VISALIA	5	116521	0.43	(0.14,1.00)	N	1.21

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
KERN MED CTR, BAKERSFIELD	0	54199	0.00	(0.00,0.55)	N	0.98
LA PALMA INTERCOMMUNITY HOSP	2	18471	1.08	(0.13,3.91)	N	1.20
LAGUNA HONDA HOSP & REHAB CTR, SAN FRANCISCO	0	1667	0.00	(0.00,17.97)	N	1.20
LAKEWOOD REGIONAL MED CTR	2	35407	0.56	(0.07,2.04)	N	1.51
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	486	0.00	(0.00,61.64)	N	
† LODI MEMORIAL HOSP ASSOCIATION, INC.	0	29874	0.00	(0.00,1.00)	N	
LODI MEMORIAL HOSP (1RH)						
LODI MEMORIAL HOSP-WEST						1.12
LOMA LINDA UNIVERSITY MEDICAL CENTER - MURRIETA	0	24824	0.00	(0.00,1.21)	N	0.71
LOMPOC VALLEY MED CTR	0	9713	0.00	(0.00,3.08)	N	1.06
LONG BEACH MEMORIAL MED CTR, LONG BEACH	5	100889	0.50	(0.16,1.16)	N	1.48
LOS ALAMITOS MED CTR	2	45773	0.44	(0.05,1.58)	N	1.11
LOS ANGELES METROPOLITAN MED CTR	0	39648	0.00	(0.00,0.76)	N	0.96
† LOS ROBLES REGIONAL MED CTR	2	83486	0.24	(0.03, 0.86)	N	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						1.39
THOUSAND OAKS SURGICAL HOSP						1.94
MAD RIVER COMMUNITY HOSP, ARCATA	0	10750	0.00	(0.00,2.79)	N	0.94
MADERA COMMUNITY HOSP	1	24502	0.41	(0.01,2.27)	N	0.86
‡ MARIAN REGIONAL MEDICAL CENTER						
MARIAN REGIONAL MEDICAL CENTER	0	42015	0.00	(0.00,0.71)	N	1.13
MARIAN REGIONAL MEDICAL CENTER, ARROYO GRANDE	1	8111	1.23	(0.03,6.87)	N	1.40
MARIN GENERAL HOSP, GREENBRAE	3	45892	0.65	(0.13,1.91)	N	1.30
MARINA DEL REY HOSP	5	15785	3.17	(1.03,7.39)	H	1.68
MARSHALL MED CTR (1-RH), PLACERVILLE	0	21864	0.00	(0.00,1.37)	N	1.23
MEMORIAL HOSP LOS BANOS	0	5044	0.00	(0.00,5.94)	N	0.73
MEMORIAL HOSP OF GARDENA	4	29298	1.37	(0.37,3.50)	H	1.19
MEMORIAL MED CTR, MODESTO	7	100444	0.70	(0.28,1.44)	N	1.37

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
MENIFEE VALLEY MED CTR, SUN CITY	1	12444	0.80	(0.02,4.48)	N	1.29
MENLO PARK SURGICAL HOSP	0	377	0.00	(0.00,79.46)	N	1.11
MERCY GENERAL HOSP, SACRAMENTO	6	77223	0.78	(0.29,1.69)	N	1.63
MERCY HOSP OF FOLSOM	0	20690	0.00	(0.00,1.45)	N	1.11
MERCY MED CTR MERCED	3	47752	0.63	(0.13,1.84)	N	1.04
MERCY MED CTR REDDING	0	57735	0.00	(0.00,0.52)	N	1.50
MERCY SAN JUAN MED CTR, CARMICHAEL	4	90877	0.44	(0.12,1.13)	N	1.37
METHODIST HOSP OF SACRAMENTO	1	36099	0.28	(0.01,1.54)	N	1.25
METHODIST HOSP OF SOUTHERN CA, ARCADIA	3	74374	0.40	(0.08,1.18)	N	1.29
† MILLS-PENINSULA HEALTH SERVICES	0	48258	0.00	(0.00,0.62)	N	
MILLS HEALTH CTR, SAN MATEO						
MILLS-PENINSULA MED CTR, BURLINGAME						1.27
MIRACLE MILE MED CTR, LOS ANGELES	0	660	0.00	(0.00,45.39)	N	2.66
MISSION COMMUNITY HOSP, PANORAMA	1	37313	0.27	(0.01,1.49)	N	1.20
‡ MISSION HOSP REGIONAL MED CTR						
MISSION HOSP LAGUNA BEACH	0	20202			N	
MISSION HOSP REGIONAL MED CTR, MISSION VIEJO	1	94659	0.11	(0.00,0.59)	N	1.25
MONTCLAIR HOSP MED CTR	0	14685	0.00	(0.00,2.04)	N	0.98
MONTEREY PARK HOSP	1	16776	0.60	(0.02,3.32)	N	0.82
MOTION PICTURE & TELEVISION HOSP, WOODLAND HILLS	0	823	0.00	(0.00,36.40)	N	0.96
NATIVIDAD MED CTR, SALINAS	1	39442	0.25	(0.01,1.41)	N	0.88
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	2	29320	0.68	(0.08,2.46)	N	1.16
NORTHBAY VACAVALLEY HOSP, VACAVILLE	2	10617	1.88	(0.23,6.80)	N	1.33
NORTHRIDGE HOSP MED CTR	3	73216	0.41	(0.08,1.20)	N	1.23
NOVATO COMMUNITY HOSP	0	5597	0.00	(0.00,5.35)	N	1.54
O'CONNOR HOSP, SAN JOSE	1	43168	0.23	(0.01,1.29)	N	1.10
OAK VALLEY HOSP DISTRICT (2-RH), OAKDALE	0	4941	0.00	(0.00,6.06)	N	0.97

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
OJAI VALLEY COMMUNITY HOSP, OJAI	0	2475	0.00	(0.00,12.10)	N	1.27
OLYMPIA MED CTR, LOS ANGELES	2	30068	0.67	(0.08,2.40)	N	1.64
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY	0	49817	0.00	(0.00,0.60)	N	1.21
OROVILLE HOSP	1	41837	0.24	(0.01,1.33)	N	1.12
PACIFIC ALLIANCE MED CTR	0	30992	0.00	(0.00,0.97)	N	0.87
PACIFIC HOSP OF LONG BEACH	0	43739	0.00	(0.00,0.68)	N	1.17
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	1	25988	0.38	(0.01,2.14)	N	0.94
PALM DRIVE HOSP, SEBASTOPOL	0	4346	0.00	(0.00,6.89)	N	1.53
PALMDALE REGIONAL MEDICAL CTR	0	34753	0.00	(0.00,0.86)	N	1.44
PALO VERDE HOSP, BLYTHE	0	4085	0.00	(0.00,7.33)	N	0.90
† PALOMAR HEALTH	3	92107	0.33	(0.07,0.95)	N	
PALOMAR HEALTH DOWNTOWN CAMPUS, ESCONDIDO						1.19
PALOMAR MED CTR, ESCONDIDO						
PARADISE VALLEY HOSP, NATIONAL CITY	1	53899	0.19	(0.00,1.03)	N	1.09
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	4	45384	0.88	(0.24,2.26)	N	1.04
PATIENTS' HOSP OF REDDING	0	499	0.00	(0.00,60.03)	N	1.30
PETALUMA VALLEY HOSP, PETALUMA	0	10037	0.00	(0.00,2.98)	N	1.19
PIONEERS MEMORIAL HEALTHCARE DISTRICT, BRAWLEY	1	20444	0.49	(0.01,2.73)	N	0.91
PLACENTIA LINDA HOSP	1	14971	0.67	(0.02,3.72)	N	1.25
POMERADO HOSP, POWAY	0	28439	0.00	(0.00,1.05)	N	1.17
POMONA VALLEY HOSP MED CTR, POMONA	5	114367	0.44	(0.14,1.02)	N	1.13
PORTERVILLE DEVELOPMENTAL CTR	0	1589	0.00	(0.00,18.85)	N	
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	1	70867	0.14	(0.00,0.79)	N	1.30
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS	2	97747	0.20	(0.02,0.74)	N	1.31
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO	2	31898	0.63	(0.08,2.26)	N	1.09
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE	3	73351	0.41	(0.08,1.20)	N	1.17
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	7	89715	0.78	(0.31,1.61)	N	1.34
PROVIDENCE TARZANA MED CTR, TARZANA	4	63341	0.63	(0.17,1.62)	N	1.19

[Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
QUEEN OF THE VALLEY MED CTR, NAPA	2	37737	0.53	(0.06,1.91)	N	1.40
REDLANDS COMMUNITY HOSP	2	47881	0.42	(0.05,1.51)	N	1.13
REGIONAL MED CTR OF SAN JOSE	3	56188	0.53	(0.11,1.56)	N	1.55
RIVERSIDE COMMUNITY HOSP	1	99861	0.10	(0.00,0.56)	N	1.37
† SADDLEBACK MEMORIAL MED CTR	0	62204	0.00	(0.00,0.48)	N	
SADDLEBACK MEMORIAL MED CTR, LAGUNA HILLS						1.32
SADDLEBACK MEMORIAL MED CTR-SAN CLEMENTE						
SAINT AGNES MED CTR, FRESNO	3	104832	0.29	(0.06,0.84)	N	1.27
SAINT FRANCIS MED CTR, LYNWOOD	8	106987	0.75	(0.32,1.47)	N	1.05
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	4	28572	1.40	(0.38,3.58)	H	1.45
SAINT JOHN'S HEALTH CTR, SANTA MONICA	2	55131	0.36	(0.04,1.31)	N	1.56
SAINT LOUISE REGIONAL HOSP, GILROY	0	12030	0.00	(0.00,2.49)	N	1.07
SAINT VINCENT MED CTR, LOS ANGELES	4	47048	0.85	(0.23,2.18)	N	1.62
SALINAS VALLEY MEMORIAL HOSP	0	45102	0.00	(0.00,0.66)	N	1.30
SAN ANTONIO COMMUNITY HOSP, UPLAND	1	58872	0.17	(0.00,0.95)	N	1.32
SAN DIMAS COMMUNITY HOSP	0	13755	0.00	(0.00,2.18)	N	1.08
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	0	35983	0.00	(0.00,0.83)	N	1.09
SAN GORGONIO MEMORIAL HOSP, BANNING	2	14337	1.39	(0.17,5.04)	N	1.08
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	3	75720	0.40	(0.08,1.16)	N	1.23
SAN JOAQUIN GENERAL HOSP, FRENCH P	0	41572	0.00	(0.00,0.72)	N	1.06
SAN MATEO MED CTR	0	20522	0.00	(0.00,1.46)	N	1.18
† SAN RAMON REGIONAL MED CTR, INC.	0	16884	0.00	(0.00,1.77)	N	
SAN RAMON REGIONAL MED CTR						
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						1.30
† SANTA BARBARA COTTAGE HOSPITAL	1	88522	0.11	(0.00,0.63)		
SANTA BARBARA COTTAGE HOSP						1.37
REHABILITATION INSTITUTE AT SANTA BARBARA						
SANTA ROSA MEMORIAL HOSP	0	59401	0.00	(0.00,0.50)	N	1.54

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
SCRIPPS GREEN HOSP, LA JOLLA	1	37527	0.27	(0.01,1.48)	N	1.93
SCRIPPS MEMORIAL HOSP, ENCINITAS	1	44329	0.23	(0.01,1.26)	N	1.27
SCRIPPS MEMORIAL HOSP, LA JOLLA	5	77689	0.64	(0.21,1.50)	N	1.37
SEQUOIA HOSP, REDWOOD CITY	1	24717	0.40	(0.01,2.25)	N	1.35
† SETON MED CTR	1	33117	0.30	(0.01,1.68)	N	
SETON MED CTR-COASTSIDE, MOSS BEACH						1.61
SETON MED CTR, DALY CITY						1.28
SHARP CHULA VISTA MED CTR	2	71627	0.28	(0.03,1.01)	N	1.22
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	8411	0.00	(0.00,3.56)	N	1.75
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	0	70046	0.00	(0.00,0.43)	N	
SHARP MEMORIAL HOSP, SAN DIEGO	2	92438	0.22	(0.03,0.78)	N	1.26
SHASTA REGIONAL MED CTR, REDDING	2	29668	0.67	(0.08,2.44)	N	1.55
SHERMAN OAKS HOSP	9	21364	4.21	(1.93,8.00)	H	1.51
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	0	18327	0.00	(0.00,1.63)	N	1.16
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	2	29400	0.68	(0.08,2.46)	N	1.02
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO	0	23547	0.00	(0.00,1.27)	N	1.16
SILVER LAKE MED CTR, LOS ANGELES	0	22411	0.00	(0.00,1.34)	N	1.20
SIMI VALLEY HOSP & HEALTH CARE SERVICES	1	25266	0.40	(0.01,2.21)	N	1.19
SONOMA DEVELOPMENTAL CTR, ELDRIDGE	0	1273	0.00	(0.00,23.53)	N	
SONOMA VALLEY HOSP	0	4860	0.00	(0.00,6.16)	N	1.30
† SONORA REGIONAL MED CTR	0	18804	0.00	(0.00,1.59)	N	
SONORA REGIONAL MED CTR CAMPUS #1						
SONORA REGIONAL MED CTR CAMPUS #2						1.29
ST BERNARDINE MED CTR	1	71544	0.14	(0.00,0.78)	N	1.62
ST ELIZABETH COMMUNITY HOSP, RED BLUFF	0	10455	0.00	(0.00,2.87)	N	1.03
ST HELENA HOSP, ST HELENA	0	17926	0.00	(0.00,1.67)	N	1.55
ST JOHN'S PLEASANT VALLEY HOSP, ARILLO	0	13352	0.00	(0.00,2.24)	N	1.28
ST JOHN'S REGIONAL MED CTR, OXNARD	7	51625	1.36	(0.55,2.79)	H	1.25

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	0	26563	0.00	(0.00,1.13)	N	1.50
ST JOSEPH HOSP, ORANGE	4	88539	0.45	(0.12,1.16)	N	1.35
ST JOSEPH'S MED CTR OF STOCKTON	5	76246	0.66	(0.21,1.53)	N	1.35
ST JUDE MED CTR, FULLERTON	1	68791	0.15	(0.00,0.81)	N	1.39
ST MARY MED CTR, APPLE VALLEY	1	69089	0.14	(0.00,0.81)	N	1.16
ST MARY MED CTR, LONG BEACH	1	55667	0.18	(0.00,1.00)	N	1.03
ST MARY'S MED CTR, SAN FRANCISCO	0	36655	0.00	(0.00,0.82)	N	1.55
ST ROSE HOSP, HAYWARD	4	34442	1.16	(0.32,2.97)	N	1.17
STANISLAUS SURGICAL HOSP, MODESTO	0	1973	0.00	(0.00,15.18)	N	1.82
SUTTER AMADOR HOSP, JACKSON	0	7914	0.00	(0.00,3.79)	N	1.08
SUTTER AUBURN FAITH HOSP, AUBURN	0	12976	0.00	(0.00,2.31)	N	1.35
SUTTER COAST HOSP, CRESCENT CITY	0	6926	0.00	(0.00,4.33)	N	1.10
SUTTER DAVIS HOSPITAL, DAVIS	0	11137	0.00	(0.00,2.69)	N	0.92
† SUTTER DELTA MED CTR, ANTIOCH	0	31250	0.00	(0.00,0.96)	N	1.12
† SUTTER EAST BAY HOSPS CTR	2	89002	0.22	(0.03,0.81)	N	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.97
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.95
† SUTTER EAST BAY HOSPS CTR	8	66769	1.20	(0.52,2.36)	H	
ALTA BATES SUMMIT MED CTR, OAKLAND						
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS, OAKLAND						1.63
† SUTTER HEALTH SACRAMENTO SIERRA REGION	10	138498	0.72	(0.35,1.33)	N	
SUTTER GENERAL HOSP, SACRAMENTO						1.71
SUTTER MEMORIAL HOSP, SACRAMENTO						1.30
SUTTER MATERNITY & SURGERY CTR OF SANTA CRUZ	0	6198	0.00	(0.00,4.83)	N	0.83
† SUTTER MED CTR, CASTRO VALLEY	3	53025	0.57	(0.12,1.65)	N	
EDEN MED CTR, CASTRO VALLEY						1.35
SAN LEANDRO HOSP						1.46

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
SUTTER MED CTR OF SANTA ROSA	0	24898	0.00	(0.00,1.20)	N	1.24
SUTTER ROSEVILLE MED CTR	0	95208	0.00	(0.00,0.31)	L	1.29
SUTTER SOLANO MED CTR, VALLEJO	1	19942	0.50	(0.01,2.79)	N	1.22
SUTTER SURGICAL HOSP, NORTH VALLEY, YUBA CITY	0	1453	0.00	(0.00,20.62)	N	1.64
SUTTER TRACY COMMUNITY HOSP	0	15208	0.00	(0.00,1.97)	N	1.03
‡ SUTTER WEST BAY HOSPS						
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, S F	0	20458	0.00	(0.00,1.46)	N	
† SUTTER WEST BAY HOSPS	10	115623	0.86	(0.41,1.59)	H	
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, S F						1.34
TEMPLE COMMUNITY HOSP, LOS ANGELES	0	12060	0.00	(0.00,2.48)	N	1.23
TORRANCE MEMORIAL MED CTR, TORRANCE	4	88160	0.45	(0.12,1.16)	N	1.27
TRI-CITY MED CTR, OCEANSIDE	0	76115	0.00	(0.00,0.39)	N	1.21
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	1	13111	0.76	(0.02,4.25)	N	1.72
TULARE REGIONAL MEDICAL CTR	0	19284	0.00	(0.00,1.55)	N	0.88
TWIN CITIES COMMUNITY HOSP, TEMPLETON	0	20731	0.00	(0.00,1.45)	N	1.02
† UHS-CORONA, INC.	0	35544	0.00	(0.00,0.84)	N	
CORONA REGIONAL MED CTR, CAMPUS #1						1.06
CORONA REGIONAL MED CTR, CAMPUS #2						
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	13665	0.00	(0.00,2.19)	N	1.04
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	2	60267	0.33	(0.04,1.20)	N	
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						1.03
VALLEY PRESBYTERIAN HOSP, VAN NUYS	2	70663	0.28	(0.03,1.02)	N	1.10
VERDUGO HILLS HOSP, GLENDALE	4	24794	1.61	(0.44,4.13)	H	1.12
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE	0	20729	0.00	(0.00,1.45)	N	0.96
WASHINGTON HOSP, FREMONT	6	59409	1.01	(0.37,2.20)	H	1.35
WATSONVILLE COMMUNITY HOSP	0	20702	0.00	(0.00,1.45)	N	1.02

 [Go Back To Table of Contents Page](#)

Table 6. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Community Hospitals* January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
WEST ANAHEIM MED CTR, ANAHEIM	0	33688	0.00	(0.00,0.89)	N	1.55
WEST HILLS HOSP AND MED CTR	4	43585	0.92	(0.25,2.35)	N	1.42
WESTERN MED CTR ANAHEIM	0	41111	0.00	(0.00,0.73)	N	0.87
WESTERN MED CTR SANTA ANA	0	34740	0.00	(0.00,0.86)	N	1.35
WHITE MEMORIAL MED CTR, LOS ANGELES	3	105054	0.29	(0.06,0.83)	N	1.10
WHITTIER HOSP MED CTR	0	30685	0.00	(0.00,0.98)	N	0.95
WOODLAND MEMORIAL HOSP	0	10175	0.00	(0.00,2.94)	N	1.07

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

† Hospitals reported infection data aggregated over all acute care campuses

‡ Hospitals reported infection data separately by acute care campus

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Table 7. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Major Teaching Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA	275	2815470	0.98			1.50***
ARROWHEAD RGN MED CTR, COLTON	6	109367	0.55	(0.20,1.19)	N	1.10
CEDARS-SINAI MED CTR, LOS ANGELES	38	272456	1.39	(0.99,1.91)	H	1.54
COMMUNITY REGIONAL MED CTR, FRESNO	14	185697	0.75	(0.41,1.26)	N	1.32
KAISER FOUNDATION HOSP, LOS ANGELES	7	116332	0.60	(0.24,1.24)	N	1.62
KECK HOSP OF USC, LOS ANGELES	14	81046	1.73	(0.94,2.90)	N	2.38
LAC+USC MED CTR, LOS ANGELES	12	182349	0.66	(0.34,1.15)	N	1.26
LAC/HARBOR-UCLA MED CTR, TORRANCE	6	101015	0.59	(0.22,1.29)	N	1.38
† LOMA LINDA UNIVERSITY MED CTR	21	210152	1.00	(0.62,1.53)	N	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.66
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	3	69726	0.43	(0.09,1.26)	N	1.09
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	2	94752	0.21	(0.03,0.76)	L	1.05
RONALD REAGAN UCLA MED CTR, LOS ANGELES	38	153970	2.47	(1.75,3.39)	H	1.96
SAN FRANCISCO GENERAL HOSP	4	96688	0.41	(0.11,1.06)	N	1.20
SANTA CLARA VALLEY MED CTR, SAN JOSE	5	126075	0.40	(0.13,0.93)	L	1.17
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC	5	86444	0.58	(0.19,1.35)	N	1.31
† SCRIPPS HEALTH	9	159423	0.56	(0.26,1.07)	N	
SCRIPPS MERCY HOSP, SAN DIEGO						1.29
SCRIPPS MERCY HOSP CHULA VISTA						
STANFORD HOSP, STANFORD	25	141567	1.77	(1.14,2.61)	H	1.99
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	22	168987	1.30	(0.82,1.97)	N	1.63
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	4	113151	0.35	(0.10,0.91)	L	1.59
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	14	154360	0.91	(0.50,1.52)	N	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.65
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	26	191913	1.35	(0.88,1.99)	N	
UCSF MED CTR, SAN FRANCISCO						1.89
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO						

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

† Hospitals reported infection data aggregated over all acute care campuses

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

 [Go Back To Table Of Contents Page](#)

Table 8. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Pediatric Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA	10	572554	0.17			1.38***
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	1	49533	0.20	(0.01,1.12)	N	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	0	6470	0.00	(0.00,4.63)	N	1.20
CHILDREN'S HOSP CENTRAL CA, MADERA	2	78598	0.25	(0.03,0.92)	N	1.46
CHILDRENS HOSP OF LOS ANGELES	3	99595	0.30	(0.06,0.88)	N	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	1	58912	0.17	(0.00,0.95)	N	1.38
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	2	83845	0.24	(0.03,0.86)	N	0.90
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	1793	0.00	(0.00,16.71)	N	0.97
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	1	108205	0.09	(0.00,0.51)	N	1.43
RADY CHILDREN'S HOSP, SAN DIEGO	0	77720	0.00	(0.00,0.39)	N	1.50
SHRINERS HOSPS FOR CHILDREN, LOS ANGELES	0	1288	0.00	(0.00,23.26)	N	1.32
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO	0	6595	0.00	(0.00,4.54)	N	1.96

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Table 9. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Long-Term Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA	121	463503	2.61			2.68***
BARLOW RESPIRATORY HOSP, LOS ANGELES	6	24060	2.49	(0.92,5.43)	N	3.21
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	1	17968	0.56	(0.01,3.10)	N	2.43
KINDRED HOSP, BALDWIN PARK	11	24778	4.44	(2.22,7.94)	N	2.88
KINDRED HOSP, BREA	8	15581	5.13	(2.22,10.12)	N	2.14
KINDRED HOSP-LOS ANGELES	16	27328	5.85	(3.35,9.51)	H	2.97
KINDRED HOSP, ONTARIO	4	28127	1.42	(0.39,3.64)	N	2.9
KINDRED HOSP RANCHO, RANCHO CUCAMONGA	7	18254	3.83	(1.54,7.90)	N	2.84
KINDRED HOSP RIVERSIDE, PERRIS	4	12121	3.30	(0.90,8.45)	N	3.52
KINDRED HOSP-SACRAMENTO, FOLSOM	0	11972	0.00	(0.00,2.50)	L	3.03
KINDRED HOSP-SAN DIEGO	1	18725	0.53	(0.01,2.98)	N	2.41
KINDRED HOSP-SAN FRANCISCO BAY AREA, SAN LEANDRO	6	15685	3.83	(1.40,8.33)	N	3.77
KINDRED HOSP SOUTH BAY, GARDENA	4	28140	1.42	(0.39,3.64)	N	2.47
KINDRED HOSP, WESTMINSTER	12	37711	3.18	(1.64,5.56)	N	2.68
MONROVIA MEMORIAL HOSP	0	14453	0.00	(0.00,2.07)	L	2.55
NORTHERN CA REHAB HOSP, REDDING	0	16878	0.00	(0.00,1.77)	L	
‡ PROMISE HOSP OF EAST LOS ANGELES, L.P.						
PROMISE HOSP OF EAST LA-SUBURBAN CAMPUS, PARAMOUNT	11	37708	2.92	(1.46,5.22)	N	
PROMISE HOSP OF EAST LA-EAST L.A CAMPUS, LOS ANGELES	5	9481	5.27	(1.71,12.31)	N	2.56
PROMISE HOSP OF SAN DIEGO	3	18316	1.64	(0.34,4.79)	N	1.55
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.						
KINDRED HOSP, LA MIRADA	7	22827	3.07	(1.23,6.32)	N	2.23
KINDRED HOSP-SAN GABRIEL VALLEY, WEST COVINA	4	19704	2.03	(0.55,5.20)	N	
KINDRED HOSP, SANTA ANA	7	16894	4.14	(1.67,8.54)	N	
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	4	26792	1.49	(0.41,3.82)	N	2.11

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

‡ Hospitals reported infection data separately by acute care campus

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Healthcare-Associated Infections Program, California Department of Public Health

Table 10. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Rehabilitation Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA		150950				1.06***
BALLARD REHAB HOSP, SAN BERNARDINO	0	13448	0	(0.00,2.23)	N	1.12
CASA COLINA HOSP FOR REHABILITATIVE MEDICINE, POMONA	0	21716	0	(0.00,1.38)	N	1.19
HEALTHSOUTH BAKERSFIELD REHABILITATION HOSP	0	19984	0	(0.00,1.50)	N	1.27
HEALTHSOUTH TUSTIN REHABILITATION HOSP	0	15109	0	(0.00,1.98)	N	1.25
LAC/RANCHO LOS AMIGOS NATIONAL REHAB CTR, DOWNEY	0	60456	0	(0.00,0.50)	N	1.34
SAN JOAQUIN VALLEY REHAB HOSP, FRESNO	0	17664	0	(0.00,1.70)	N	1.24
‡ ST JOSEPH HOSP EUREKA						
THE GENERAL HOSP, EUREKA	0	2573	0	(0.00,11.64)	N	

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

‡ Hospitals reported infection data separately by acute care campus

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

 [Go Back To Table of Contents Page](#)

Table 11. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Critical Access Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA		103450				0.99***
BANNER LASSEN MED CTR, SUSANVILLE	0	5705	0	(0.00,5.25)	N	0.84
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	0	2482	0	(0.00,12.07)	N	0.95
CATALINA ISLAND MED CTR, AVALON	0	63	0	(0.00,475.51)	N	0.85
EASTERN PLUMAS HEALTH CARE, PORTOLA	0	1038	0	(0.00,28.86)	N	0.89
FAIRCHILD MED CTR, YREKA	0	4838	0	(0.00,6.19)	N	1.01
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	5703	0	(0.00,5.25)	N	1.41
GLENN MED CTR, WILLOWS	0	1174	0	(0.00,25.52)	N	0.82
HEALDSBURG DISTRICT HOSP	0	4025	0	(0.00,7.44)	N	1.24
JEROLD PHELPS COMMUNITY HOSP, GARBERVILLE	0	74	0	(0.00,404.83)	N	0.91
JOHN C. FREMONT HEALTHCARE DISTRICT, MARIPOSA	0	9896	0	(0.00,3.03)	N	0.95
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	3027	0	(0.00,9.90)	N	1.07
MAMMOTH HOSP	0	1640	0	(0.00,18.27)	N	1.10
MARK TWAIN MEDICAL CENTER, SAN ANDREAS	0	4566	0	(0.00,6.56)	N	1.17
MAYERS MEMORIAL HOSP, FALL RIVER MILLS	0	1846	0	(0.00,16.23)	N	0.82
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	0	5889	0	(0.00,5.09)	N	1.15
MERCY MED CTR MT. SHASTA	0	2999	0	(0.00,9.99)	N	1.18
MODOC MED CTR, ALTURAS	0	502	0	(0.00,59.68)	N	0.96
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	989	0	(0.00,30.29)	N	0.91
NORTHERN INYO HOSP, BISHOP	0	2835	0	(0.00,10.57)	N	0.93
PLUMAS DISTRICT HOSP, QUINCY	0	1670	0	(0.00,17.94)	N	0.96
REDWOOD MEMORIAL HOSP, FORTUNA	0	6252	0	(0.00,4.79)	N	1.00
RIDGECREST REGIONAL HOSP	0	9220	0	(0.00,3.25)	N	0.99
SANTA YNEZ VALLEY COTTAGE HOSP, SOLVANG	0	749	0	(0.00,40.00)	N	0.98
SENECA HEALTHCARE DISTRICT, CHESTER	0	690	0	(0.00,43.42)	N	0.90
SOUTHERN INYO HOSP, LONE PINE	0	224	0	(0.00,133.74)	N	0.82
ST HELENA HOSP, CLEARLAKE	0	5578	0	(0.00,5.37)	N	0.96
SURPRISE VALLEY COMMUNITY HOSP, CEDARVILLE	0	44	0	(0.00,680.85)	N	0.85

 [Go Back To Table of Contents Page](#)

Table 11. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Critical Access Acute Care Hospitals*, January 2012 - December 2012 (Inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
SUTTER LAKESIDE HOSP, LAKEPORT	0	6913	0	(0.00,4.33)	N	1.19
TAHOE FOREST HOSP, TRUCKEE	0	4860	0	(0.00,6.16)	N	1.04
TEHACHAPI HOSP, TEHACHAPI	0	5914	0	(0.00,5.07)	N	0.82
TRINITY HOSP, WEAVERVILLE	0	2045	0	(0.00,14.65)	N	1.01

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

***Mean of all hospitals case mix indices

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution;

case mix index was available and listed for most but not all acute care campuses

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

 [Go Back To Table of Contents Page](#)

Table 12. Incidence Rates of Hospital-Onset Vancomycin-Resistant Enterococci Bloodstream Infections Reported by California Prison Acute Care Hospitals*, January 2012 - December 2012 (inclusive)

Hospital Licensee and/or Campus Name	Cases	Patient Days	Incidence Rate	95% Confidence Interval	Compared to Pooled Mean Rate**	Case Mix Index
STATE OF CALIFORNIA POOLED DATA		36162				NA
CALIFORNIA MED FACILITY, VACAVILLE	0	2127	0	(0.00,14.08)	N	
CALIFORNIA MENS COLONY, SAN LUIS OBISPO	0	10044	0	(0.00,2.98)	N	
JOHN D KLARICH MEMORIAL HOSP, CSP-CORCORAN	0	23991	0	(0.00,1.25)	N	

*All hospitals reported 12 months of data.

**Incidence rate for hospitals compared to pooled mean rate using 95% confidence intervals:

N = no difference, H = significantly higher, L = significantly lower than pooled mean rate.

Notes: Rate per 10,000 patient days; 95% confidence interval calculated based on exact Poisson distribution; case mix index was not available for prison acute care campuses.

NA = Not Available

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health

Table 13. Months Reported and Cases of Hospital-Onset Methicillin-Resistant *Staphylococcus Aureus* and Vancomycin-Resistant Enterococci Bloodstream Infections (VRE BSI) Reported by California Acute Care Hospitals, Reporting Less Than Twelve Months of Data, January 2012 - December 2012 (Inclusive)

Facility Name	Hospital Type	Months Reported	MRSA Cases	VRE Cases	Patient Days
NEWPORT SPECIALTY HOSP, TUSTIN	LTAC*	10	0	0	9454
COLORADO RIVER MEDICAL CENTER	CAH**	11	0	0	851

*Long-term acute care

**Critical Access Acute Care

Source: MRSA VRE BSI in California Hospitals, January through December 2012. California Department of Public Health