



**CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
CENTER FOR HEALTH CARE QUALITY
HEALTHCARE ASSOCIATED INFECTIONS PROGRAM**

**TECHNICAL REPORT:
HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS
IN CALIFORNIA HOSPITALS,
JANUARY 2009 THROUGH MARCH 2010**

**TECHNICAL REPORT:
HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS
IN CALIFORNIA HOSPITALS,
JANUARY 2009 THROUGH MARCH 2010**

TABLE OF CONTENTS

Executive Summary	1
Introduction	3
Background	3
Materials and Methods	4
Results	7
Limitations	10
Discussion	12
Recommendations	13
References	14
Figure I:	16
Tables	17

EXECUTIVE SUMMARY

Healthcare-associated infections (HAIs) in California hospitals account for an estimated 200,000 infections, and 12,000 deaths annually extrapolated from national estimates [1]. Approximately one in every 20 patients who is admitted to a hospital develops an infection [1]. Bloodstream infections (BSIs) are among the most deadly HAIs, accounting for 14 percent of infections and 30 percent of deaths caused by or associated with the HAI [1], for an estimated 3,680 deaths each year in California. A major risk factor for healthcare-associated BSIs is the presence of a central catheter access device. Central line-associated bloodstream infections (CLABSIs) are serious, costly, and increasingly considered preventable [2-5]. Since October 2008, Medicare no longer reimburses for health care costs related to CLABSIs [6].

Mandatory public reporting of hospital-specific HAI rates, including BSIs, is widely promoted as a means to improve patient safety by providing information to healthcare consumers and creating an incentive for hospitals to prevent HAIs [7, 8]. Publishing infection rates is intended to facilitate inter-hospital comparisons and allow consumers information that may be useful for selecting hospital care, although the validity of such comparisons is a source of increasing concern [8-11].

California is now one of 28 states that require public reporting of HAIs. The law requires California licensed general acute care hospitals to report specific HAIs to the California Department of Public Health (CDPH), including methicillin-resistant *Staphylococcus aureus* (MRSA) BSIs, vancomycin-resistant *Enterococci* (VRE) BSIs, and central line-associated bloodstream infections (CLABSIs) [12]. In accordance with California's reporting laws, data for these BSI reported to CDPH from January 1, 2009, through March 31, 2010, are summarized in this technical report.

During the reporting period we identified 383 reporting facilities. Of these 383 facilities, we received complete surveillance data from 336 (87.7 percent) for MRSA BSI and VRE BSI and from 305 (79.6 percent) for CLABSI. Of the 305 facilities that reported CLABSI surveillance data, 262 reported all inpatient locations and the remaining 43 reported only ICU locations.

In total, 256 (66.8 percent) facilities reported surveillance information for all three infection outcomes and locations required in statute (facility-wide MRSA BSIs, facility-wide VRE BSIs, and facility-wide CLABSIs), 108 (28.2 percent) reported incomplete surveillance information, and 19 (5.0 percent) did not report any required surveillance data.

The median facility-specific BSI rates were:

- 0.026 per 1000 inpatient-days for MRSA
- 0.011 per 1000 inpatient-days for VRE
- 1.10 per 1000 central line days for ICU CLABSI
- 0.74 per 1000 central line days for non-ICU CLABSI

These BSI rates have significant limitations. The federal Healthcare Infection Control Practices Advisory Committee (HICPAC) strongly recommends that states use established public health surveillance methods when implementing public reporting [13]. However, some of their recommended methods were not in place across California facilities when these data were collected. The CDPH HAI Program was not established until very late in this reporting period, limiting the ability to provide standardized guidance to facilities. Consequently, these rates cannot be compared to national figures.

Comparison of the facility-specific rates within this report should be avoided because rate differences may be attributable to variations in surveillance practices as well as infection risk. Inter-facility variation may reflect different clinical practices related to delivery of healthcare including infection control practices, the underlying medical complexity of patients being served, and the surveillance methods used to identify infections and persons at risk [11]. Additionally, we were unable to risk adjust the data in accordance with National Healthcare Safety Network (NHSN) methods required in statute due to the way in which the data was reported to CDPH. We did use a risk stratification method that attempted to characterize similar underlying infection risk among similar hospital types.

These findings provide a preliminary evaluation of HAI reporting required by statute. California hospitals have made important progress towards reporting healthcare-associated BSIs to CDPH during the first five quarters of the state mandate. Hospitals are continuing to develop internal surveillance and reporting mechanisms to identify and monitor HAIs in efforts towards HAI prevention and elimination.

Beginning in April 2010, CDPH required facilities to report HAI BSI data through NHSN. Adopting NHSN as the CDPH secure, web-based surveillance and reporting system is an important step toward standardizing HAI surveillance methods and protocols across California hospitals and complying with HICPAC recommendations. CDPH will continue to work with facilities to identify barriers to reporting, and will disseminate best practices for HAI surveillance to monitor progress towards HAI prevention and elimination.

INTRODUCTION

Healthcare-associated infections (HAIs) are infections that patients develop during the course of receiving treatment for other conditions within a healthcare setting. For surveillance in hospitals, HAIs are defined as localized or systemic conditions resulting from an adverse reaction to the presence of an infectious agent(s) or its toxin(s) during the course of a healthcare facility admission that was not present or incubating at the time of admission to the acute care setting [14]. HAIs in California hospitals account for an estimated 200,000 infections and 12,000 deaths annually, based on national estimates [1]. Approximately one in every 20 patients who is admitted to a hospital develops an infection [1]. Bloodstream infections (BSIs) are among the most deadly HAIs, accounting for 14 percent of infections and 30 percent of deaths caused by or associated with the HAI [1], for an estimated 3,680 deaths each year in California. Among deaths associated with HAIs in both adults and children, the most common cause is attributed to BSIs in intensive care units (ICUs) [1]. A major risk factor for healthcare-associated BSIs is the presence of a central catheter access device. Central line-associated bloodstream infections (CLABSIs) are serious, costly, and increasingly considered preventable [2-5]. Since October 2008, Medicare no longer reimburses for health care costs related to CLABSIs. [6].

Mandatory public reporting of hospital-specific infection rates is widely promoted as a means to improve patient safety [7, 8]. Publishing infection rates is intended to facilitate inter-hospital comparisons that inform healthcare consumers and provide incentive for hospitals to prevent infections, although the validity of such comparisons is coming under increasing criticism [8-11]. Scrutiny of surveillance system integrity, including uniformity of methods across hospitals, has spawned important concerns regarding the reliability and objectivity of these data and their suitability for public reporting [10,11].

In 2008, California became one of 28 states to mandate public reporting of HAIs. The Centers for Disease Control and Prevention's (CDC) National Healthcare Safety Network (NHSN) has become the national standard for HAI reporting [3,15]. NHSN is a secure, web-based HAI surveillance and reporting system, and although developed for voluntary use, has many surveillance methods, attributes, and protocols that may be applicable to public reporting systems [13]. While the California Department of Public Health (CDPH) HAI Advisory Committee recommended the use of NHSN, CDPH was not able to institute this as a requirement until April 2010. In accordance with California's reporting laws, BSI data reported to CDPH from January 1, 2009 through March 31, 2010 (the period prior to the authorization of reporting using NHSN alone) are summarized in this technical report.

BACKGROUND

California Senate Bill (SB) 1058 (Chapter 296, Statutes of 2008, California Health and Safety Code (HSC) sections 1288.55 and 1288.8), became effective January 1, 2009, and required general acute care hospitals to report quarterly to CDPH "... all cases of healthcare-associated methicillin-resistant *Staphylococcus aureus* (MRSA) BSIs with number of inpatient days, vancomycin-resistant *Enterococci* (VRE) BSIs with number of inpatient days, and CLABSIs with total central line days" [12].

The statute requires CDPH to post on its web site by January 1, 2011, "... information regarding the incidence rate of healthcare-associated MRSA and VRE BSIs (including information on the number of inpatient days), and the incidence rate of healthcare-associated CLABSIs, including number of inpatient days [*sic*] acquired at each facility in California." In presenting this information, CDPH must "follow a risk adjustment process that is consistent with CDC's NHSN,

or its successor, and use its definitions, unless the department adopts, by regulation, a fair and equitable risk adjustment process that is consistent with the recommendations of the California HAI Advisory Committee.” If CDC does not use a public reporting model for specific HAIs, CDPH must base its public reporting of incidence rates on the number of inpatient days for infection reporting or the number of specific device days for relevant device associated infections (in this case, central line days).

California SB 158 (specifically, HSC section 1288.8) also required CDPH to establish an HAI surveillance, prevention, and control program and to develop or utilize an existing scientifically valid electronic database system for hospitals to report HAIs [16]. As previously described, CDPH was unable to require hospitals to use the NHSN web-based reporting system until April 2010. In the interim, CDPH provided hospitals with data collection forms to facilitate compliance with the reporting mandate. Because the CDPH HAI Program was not established until December 2009, it was not able to compile or analyze HAI data reported by facilities until 2010.

MATERIALS AND METHODS

Reporting system

For the period January 1, 2009, through March 31, 2010, hospital facilities submitted data to CDPH using various paper and electronic formats. Reporting facilities submitted report forms to CDPH, by fax or email, indicating quarterly counts of MRSA and VRE BSIs and inpatient days aggregated over all inpatient locations. Facilities utilized various strategies and formats to report data on CLABSIs and central line days. Facilities reported CLABSI infections and central line days aggregated over: all inpatient locations (“facility-wide”); all ICU inpatient locations, or all non-ICU locations. Facilities likely chose to stratify by location because in 2009 the risk-based standard of infection control practice was to restrict CLABSI surveillance to only ICU locations, following 2005 HICPAC recommendations [13]. Report forms also allowed reporters to partition data between data reported to CDPH by paper forms and data reported electronically to NHSN. In these cases, CDPH forms variously represented infections and central line days for all inpatient locations not otherwise reported to NHSN, ICU locations not otherwise reported to NHSN, or non-ICU locations not otherwise reported to NHSN. In these instances, for each facility, we reconstructed CLABSI data for each quarter by combining data submitted on paper forms with data extracted from NHSN on July 23, 2010, for the period January 2009 through March 2010 (inclusive). We could extract data from NHSN only if the facility conferred electronic permission to CDPH to access their data in the CDC NHSN database.

Quality assurance and control

In 2010, we implemented retrospective quality assurance and control to identify potential reporting errors (using logic and edit checks), and followed up with facilities to resolve discrepancies, as appropriate. We identified significant discrepancies including data that appeared to be unreported, incomplete, or incorrect. In August 2010, we provided each facility a report of all January 1, 2009, through March 31, 2010, data to which we had access (paper forms or electronically from NHSN). We requested that facilities report to us within four weeks either (1) corrected quarterly counts of infections and surveillance populations (e.g., patient or central line days, as appropriate) or (2) a declaration that no corrections were needed. We informed facilities in writing that we would accept corrections for the five-quarter reporting period only by fax submission. We did not require facilities to provide new information. We reviewed all corrections and re-contacted 101 facilities to resolve lingering discrepancies through November 2010.

Definitions

For the full calendar year 2009, CDPH's Licensing and Certification (L&C) Program listed 375 licensed general acute care hospitals representing 420 physical campuses with active acute care beds. 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 (32 licenses comprising 69 campuses). We defined a single-campus reporting facility as an individual general acute care campus whose license may have included: (a) only one general acute care campus (329 licenses comprising 329 campuses), (b) a general acute care campus operating jointly with a non-acute campus (seven licenses comprising seven acute care campuses), or (c) more than one jointly-operated general acute care campus each of which reported infection information separately (seven licenses represented by 15 campuses). We referred to multi-campus reporting facilities by the business name of the licensee in CDPH L&C records except for the licenses involving University of California hospitals, which were described as such. For this report, we used the term reporting facilities, regardless of whether they were a licensed general acute care hospital or a campus of a licensed general acute care hospital reporting separately from the other campuses of that license.

SB 1058 required facilities to identify and report infections using NHSN definitions [14,17], summarized by CDPH as follows. An HAI was defined as a localized or systemic condition resulting from an adverse reaction to the presence of an infectious agent(s) or toxin(s) during the course of a facility admission, that was not present or incubating at the time of admission to the acute care setting. An inpatient was defined as a patient whose date of admission to and discharge from the healthcare facility occur on different calendar days. A location was defined as the patient area to which a patient is assigned while receiving care. An ICU was defined as a nursing care area that provides intensive observation, diagnosis, and therapeutic procedures for adults and/or children who are critically ill, and excluded bone marrow transplant, step-down, intermediate care or 'telemetry only' areas. Critical care and intensive care were considered synonymous. Inpatient days were defined as the daily count of the number of inpatients taken at the same time each day and summed over a given period of time. A central line was defined as an intravascular catheter that terminated at or close to the heart or in one of the great vessels and was used for infusion, blood withdrawing, or hemodynamic monitoring. Central lines included umbilical, temporary (non-tunneled), and permanent (tunneled or implanted) catheters. Central line days were a daily count of the number of inpatients with a central line taken at the same time each day and summed over a given period of time. A patient with more than one central line at the time of the daily count contributed only one central line day. A MRSA or VRE BSI was one in which MRSA or VRE was cultured from one or more blood specimens. A CLABSI was a primary BSI in a patient with a central line at the time of, or within the 48-hours prior to, the onset of symptoms and the BSI was determined not to be related to an infection from another site.

We defined a facility as providing ICU services if it had at least one licensed intensive care, intensive care newborn nursery, coronary care, burn, or acute respiratory care bed listed in CDPH L&C records and as defined in California Code of Regulations, Title 22 [18]. We categorized a facility as providing no ICU services if no intensive care, intensive care newborn nursery, coronary care, burn or acute respiratory care bed were licensed or the facility reported no ICU services during the quality assurance and control process. We defined facility-wide counts as an aggregate count from all inpatient locations (tantamount to 'all cases' as stated in statute). We defined pediatric facilities as any stand-alone children's hospital facility as defined by L&C. We defined teaching facilities as those listed as a hospital or affiliate by the Association of American Medical Colleges for undergraduate medical hospitals, the Accreditation Council for

Graduate Medical Education for graduate medical hospitals, and those with an accredited non-pharmacy, non-registered nurse residency program [19-20]. We defined trauma facilities as those designated as level I or II trauma service centers by CDPH Emergency Medical Services Authority. Level III and IV trauma services were not included as these are almost all delivered in small rural facilities which would be inappropriate to pool with the primarily large urban facilities providing level I and II services. We defined a multi-campus reporting facility as a pediatric, teaching, or trauma facility if at least one individual campus had that designation. We utilized campus-specific case mix indices (CMI) published by the California Office of Statewide Health Planning and Development (OSHPD) for fiscal year 2008/2009, if available [21], and rounded indices to two decimal places. Although 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. . CMI was available only for individual hospital campuses rather than for consolidated licensed hospitals, as a whole.

Analyses

We defined the reporting period for these analyses as January 1, 2009, through March 31, 2010. Facilities could report up to five quarters of data for each of five infection outcomes: MRSA BSIs aggregated over the facility as a whole ('facility-wide MRSA BSIs'), VRE BSIs aggregated over the facility as a whole ('facility-wide VRE BSIs'), CLABSIs aggregated over the facility as a whole ('facility-wide CLABSIs'), CLABSIs aggregated over only ICU locations ('ICU CLABSIs'), and CLABSIs aggregated over only non-ICU locations ('non-ICU CLABSIs'). For facilities with at least one licensed ICU bed, the sum of ICU CLABSI and non-ICU CLABSI data was equivalent to facility-wide CLABSI data. For facilities that had no ICU locations, non-ICU CLABSI data was equivalent to facility-wide CLABSI data.

For MRSA and VRE BSIs, we considered a quarter of surveillance as complete when both facility-wide numbers of infections and inpatient days were reported. We considered reporting to be complete if four to five quarters of surveillance data were provided, and incomplete if one to three quarters of surveillance data were provided.

For CLABSIs, we considered a quarter of surveillance information as complete when both numbers of infections and central line days were reported. For facilities with no licensed ICU beds, we considered a quarter of surveillance to be complete when facility-wide information for CLABSIs and central line days were reported; because ICU CLABSI data would not apply for these facilities, we considered 'non-ICU' locations and facility-wide as synonymous. For facilities with licensed ICU beds, we considered a quarter of ICU CLABSI surveillance to be complete when both infections and central line days were reported for ICU locations. We considered a quarter of facility-wide surveillance to be complete when infections and central-line days were reported either in aggregate as 'facility-wide' or separately but completely for both ICU and non-ICU locations. We considered reporting to be complete if four to five quarters of surveillance data were provided, and incomplete if one to three quarters of surveillance data were provided. Because the California reporting mandate specified facility-wide surveillance ("all cases" as stated in statute) and HICPAC guidelines [13] recommended facilities perform CLABSI surveillance in ICU locations only, we assessed facilities for completeness of CLABSI reporting for both facility-wide and ICU locations.

Risk adjustment/stratification

Risk adjustment is a statistical technique that enhances the validity of inter-facility comparisons. The adjustment takes into account the differences in patient populations related to severity of illness and other factors that affect infection risk. Risk adjustment techniques can be applied at the patient level or the facility level. CDC risk adjusts CLABSI rates at the facility level using

unit-level patient location data [3,15]. Report forms submitted to CDPH did not include unit-level patient location data. Therefore, we stratified facility-specific CLABSI rates by aggregate ICU and non-ICU locations as a proxy for unit type and by peer hospitals groups (pediatric, teaching, trauma, and all others). We chose peer groups because unit types associated with these settings have demonstrated the highest unit-specific CLABSI rates in previous NHSN publications [3]. Peer groups were not mutually exclusive so a facility could have been identified both as a pediatric facility and a teaching facility.

As a point of reference, we also listed each facility's CMI as a proxy measure for severity of illness and complexity of care available [21]. The CMI is frequently used to define average acuity for patients admitted to a particular facility during a specific timeframe. A CMI greater than one indicates greater than average resource consumption (and potentially a higher acuity of patients); a CMI of less than one indicates lower than average resource consumption.

CDC does not have a risk adjustment strategy for MRSA BSIs or VRE BSIs. However, we also stratified rates of MRSA and VRE BSIs by peer group and listed CMI for each campus as described above.

Statistical analyses

For each reporting facility, we calculated summary infection rates per 1000 inpatient or central line days and exact 95 percent confidence interval (CI) using a Poisson distribution [22]. For MRSA BSIs and VRE BSIs, we calculated the summary rate as the number of infections summed over all complete reporting quarters divided by the number of inpatient days summed over all complete reporting quarters. We calculated and rounded rates respectively to seven and three decimal places. For CLABSIs, we calculated the summary rate as the number of infections summed over all complete reporting quarters divided by the number of central line days summed over all complete reporting quarters. We calculated and rounded CLABSI rates respectively to seven and two decimal places. We stratified CLABSI rates by ICU and non-ICU locations as reported by facilities, and by peer group as defined by CDPH. Because of instability associated with rates based on small sample sizes, we excluded from analyses those facilities reporting fewer than 100 inpatient days or 100 central line days for the entire reporting period. CDC uses a threshold of 50 line days when analyzing CLABSIs, but this is based on unit-specific, not facility-wide reporting. For facilities with four to five quarters of complete surveillance data and at least 100 inpatient or 100 central line days (as appropriate) for the reporting period, we identified the median facility-specific rate and the distribution of percentiles and interquartile ranges (range from the 25th to 75th percentiles); we also calculated pooled mean rates for each infection by peer group.

RESULTS

In 2009, 375 licensed general acute care hospitals comprising 420 general acute care campuses met statutory reporting requirements. Among these, we identified 383 reporting facilities: 351 (91.6 percent) were single-campus and 32 (8.4 percent) were multi-campus (averaging two jointly-operated campuses per reporting facility) (Figure 1). Among facilities, 334 (87.2 percent) were identified as having an ICU, 12 (3.1 percent) were pediatric, 56 (14.6 percent) were teaching, and 43 (12.0 percent) were trauma.

Completeness of surveillance information required by statute

During the reporting period, 336 (87.7 percent) facilities reported four or five quarters of complete facility-wide MRSA BSI information; 25 (6.5 percent) reported one to three complete quarters, and 22 (5.7 percent) reported no complete quarters. For VRE BSI, 336 (87.7 percent)

facilities reported four or five quarters of complete facility-wide information; 25 (6.5 percent) reported one to three quarters, and 22 (5.7 percent) reported no complete quarters of information.

During the reporting period, 262 (68.4 percent) facilities reported four or five complete quarters of facility-wide CLABSI information; 66 (17.2 percent) reported one to three complete quarters, and 55 (14.4 percent) reported no complete quarters of facility-wide information. Although 121 facilities were not able to provide complete surveillance information for the facility as a whole, some of these 121 were able to provide ICU-specific CLABSI surveillance data (reflecting the standard of infection control practice in 2009). Among the 121 facilities with zero to three quarters of facility-wide CLABSI surveillance information, 105 facilities had at least one licensed ICU bed of which 43 reported four or five complete quarters of ICU CLABSI information. Therefore, 305 (79.6 percent) facilities reported four or five quarters of CLABSI information either for the facility as a whole (262) or for only their ICU locations (43).

Among 334 facilities with an ICU, 227 (68.0 percent) reported complete ICU CLABSI surveillance information. Among all 383 facilities, 234 (61.1 percent) reported complete non-ICU CLABSI surveillance information including 17 facilities that reported no central line days in their non-ICU patient locations. A total of 180 (53.9 percent) of 334 facilities with an ICU were able to report both complete ICU and complete non-ICU surveillance information. A total of 23 (6.0 percent) facilities reported no CLABSI surveillance information for any location type: 15 (4.5 percent) of 334 facilities with an ICU reported no surveillance data and 8 (16.3 percent) of 49 facilities with no ICU beds reported no surveillance data. It is not known how many of these latter 8 facilities did not provide patient services that required the use of central lines.

Among 383 facilities, 256 (66.8 percent) facilities reported surveillance information for all three infection outcomes and locations required in statute (facility-wide MRSA BSIs, facility-wide VRE BSIs, and facility-wide CLABSIs), 108 (28.2 percent) reported incomplete surveillance information, and 19 (5.0 percent) did not report any required surveillance data. Table 1 lists, by reporting facility, the numbers of complete reporting quarters for facility-wide MRSA BSIs, facility-wide VRE BSIs and facility-wide CLABSIs as well as the numbers of complete reporting quarters of ICU CLABSI and non-ICU CLABSI information. If a facility did not have an ICU, we indicated that location was not applicable ('NA').

MRSA BSI rates

Among 336 facilities that reported four or five quarters of complete data, 335 reported at least 100 inpatient days. Together, these 335 facilities contributed 19,045,991 inpatient days of observation to the reporting period. The median facility-specific MRSA BSI rate was 0.026 per 1000 inpatient-days (range 0.00 to 6.048 per 1000 inpatient-days). The distribution of percentiles for facility-specific MRSA BSI rates was: 10% (0.000 per 1000 inpatient-days), 25% (0.000 per 1000 inpatient-days), 75% (0.064 per 1000 inpatient-days) and 90% (0.141 per 1000 inpatient-days). The pooled mean MRSA BSI rate varied by type of facility as follows: pediatric (0.037 per 1000 inpatient-days), teaching (0.060 per 1000 inpatient-days), trauma (0.067 per 1000 inpatient-days), and all others (0.056 per 1000 inpatient-days). Tables 2-5 list, by facility and peer group, for MRSA BSI the number of cases, number of inpatient days, crude rates per 1000 inpatient-days with 95% confidence interval calculated based on exact Poisson distribution, and case mix index for those facilities that provided complete surveillance data and reported at least 100 inpatient days for the reporting period.

Among 25 (6.5 percent) facilities that reported one to three quarters of surveillance information, the median MRSA BSI rate was 0.000 per 1000 inpatient days; however, these rates are subject

to substantial bias because of incomplete reporting and so facility-specific rates are not presented.

VRE BSI rates

Among 336 facilities that reported four or five quarters of complete VRE BSI data, 335 reported at least 100 inpatient days. Together, these 335 facilities contributed 19,065,096 inpatient days of observation to the reporting period. The median facility-specific VRE BSI rate was 0.011 per 1000 inpatient-days (range 0.000 to 0.626 per 1000 inpatient-days). The distribution of percentiles for facility-specific VRE BSI rates was: 10% (0.000 per 1000 patient-days), 25% (0.000 per 1000 inpatient-days), 75% (0.044 per 1000 inpatient-days) and 90% (0.086 per 1000 inpatient-days). The pooled mean VRE BSI rate varied by type of facility as follows: pediatric (0.010 per 1000 inpatient-days), teaching (0.055 per 1000 inpatient-days), trauma (0.054 per 1000 inpatient-days), and all others (0.036 per 1000 inpatient-days). Tables 6-9 list, by facility and peer group, for VRE BSI the number of cases, number of inpatient days, crude rates per 1000 inpatient-days with 95% confidence interval calculated based on exact Poisson distribution, and case mix index for those facilities that provided complete surveillance data and reported at least 100 inpatient days for the reporting period.

Among 25 (6.5 percent) facilities that reported one to three quarters of surveillance information, the median VRE BSI rate was 0.000 per 1000 patient days; however, because these rates are subject to substantial bias due to incomplete reporting, facility-specific rates are not presented.

CLABSIs

ICU locations

Among 334 facilities with at least one licensed ICU bed, we identified 221 (66.2 percent) that reported four or five quarters of complete ICU CLABSI data and at least 100 central line days of observation for the reporting period. Together, these 221 facilities contributed 1,217,312 central line days of observation to the reporting period. The median facility-specific ICU CLABSI rate per 1000 central line days was 1.10 (range 0.00 to 12.37 per 1000 central line days). The distribution of percentiles for facility-specific ICU CLABSI rates was: 10% (0.00 per 1000 central line days), 25% (0.44 per 1000 central line days), 75% (2.06 per 1000 central line days) and 90% (3.14 per 1000 central line days). The pooled mean ICU CLABSI rate varied by type of facility as follows: pediatric (2.13 per 1000 central line days), teaching (1.83 per 1000 central line days), trauma (1.65 per 1000 central line days), and all others (1.21 per 1000 central line days). Tables 10-13 list, by facility and peer group, for ICU CLABSI, cases of CLABSI, number of central line days, crude ICU CLABSI rates per 1000 central line days, with 95% confidence interval calculated based on exact Poisson distribution, and case mix index for those facilities that reported complete ICU CLABSI surveillance data and at least 100 central line days for the reporting period.

Among 24 (7.2 percent) of 334 facilities that reported one to three quarters of ICU CLABSI surveillance information, the median ICU CLABSI rate was 0.00 per 1000 central line days; however, because these rates are subject to substantial bias because of incomplete reporting, facility-specific rates are not presented.

Non-ICU locations

We identified 203 (53.0 percent) facilities that reported four or five quarters of complete non-ICU CLABSI data and at least 100 central line days of observation for the reporting period. Together, these 203 contributed 1,728,516 non-ICU central line days of observation to the reporting period. The median facility-specific non-ICU CLABSI rate per 1000 central line days was 0.74 (range 0.0 to 9.43 per 1000 central line days). The distribution of percentiles of facility-specific

non-ICU CLABSI rates was: 10% (0.00 per 1000 central line days), 25% (0.21 per 1000 central line days), 75% (1.61 per 1000 central line days) and 90% (2.68 per 1000 central line days). The pooled mean non-ICU CLABSI rates varied by type of facility as follows: pediatric (1.77 per 1000 central line days), teaching (1.64 per 1000 central line days), trauma (1.31 per 1000 central line days), and all others (1.10 per 1000 central line days). Tables 14-17 list, by facility and peer group, for non-ICU CLABSI, cases of CLABSI, number of central line days, crude non-ICU CLABSI rates per 1000 central line days, with 95% confidence interval calculated based on exact Poisson distribution, and case mix index for those facilities that reported complete non-ICU CLABSI surveillance data and at least 100 central line days for the reporting period.

Among 57 (14.9 percent) facilities that reported one to three quarters of non-ICU CLABSI surveillance information, the median non-ICU CLABSI rate was 0.22 per 1000 central line days; however, because these rates are subject to substantial bias because of incomplete reporting, facility-specific rates are not presented.

Facility-wide

We identified 236 (61.6 percent) facilities that reported four or five quarters of complete facility-wide CLABSI data and at least 100 central line days of observation. Together, these 236 contributed 3,073,598 central line days of observation to the reporting period. The median facility-specific facility-wide CLABSI rate per 1000 central line days was 1.00 (range 0.00 to 7.09 per 1000 central line days). The distribution of percentiles for facility-wide CLABSI rates was: 10% (0.00 per 1000 central line days), 25% (0.50 per 1000 central line days), 75% (1.81 per 1000 central line days) and 90% (2.75 per 1000 central line days). The pooled mean facility-wide CLABSI rates varied by type of facility as follows: pediatric (1.80 per 1000 central line days), teaching (1.71 per 1000 central line days), trauma (1.43 per 1000 central line days), and all others (1.19 per 1000 central line days). Tables 18-21 list, by facility and peer group, for facility-wide CLABSI, cases of CLABSI, number of central line days, crude facility-wide CLABSI rates per 1000 central line days, with 95% confidence interval calculated based on exact Poisson distribution, and case mix index for those facilities that reported complete facility-wide CLABSI surveillance data and at least 100 central line days for the reporting period.

Among 66 (17.2 percent) facilities that reported one to three quarters of facility-wide CLABSI surveillance information, the median facility-wide CLABSI rate was 0.31 per 1000 central line days; however, because these rates are subject to substantial bias because of incomplete reporting, facility-specific rates are not presented.

LIMITATIONS

When publicly reporting HAIs, HICPAC recommends states use established public health surveillance methods including: (1) careful selection and phased implementation of appropriate process and outcome measures; (2) appropriate selection of patient populations to monitor; (3) standardized case definitions, case finding, and data validation methods; (4) adequate support and resources; (5) adjustment for underlying infection risk; and (6) production of reports that are accessible and useful to stakeholders [13]. The data presented here have important limitations with respect to these guidelines that impact the interpretation of rate tables and summary statistics.

The absence of training and quality assurance and control procedures during the reporting period may have contributed to the use of non-standardized case definitions, case finding methods, surveillance catchment enumeration methods, and reporting formats by facilities. The CDPH HAI Program was not approved until December 2009, and not staffed until 2010, limiting

CDPH's opportunity to provide training and guidance to facilities on surveillance procedures and definitions. Although the statute required facilities to use NHSN definitions, facilities were not required to use NHSN for reporting. Facilities were encouraged but not required to review NHSN protocols which provide additional details on standardized surveillance and reporting methodologies that go beyond the scope of NHSN definitions. In the absence of specific guidance and training, unclear language in the statute may have contributed to facilities misinterpreting specific data elements. For example, the statute required CDPH to publicly report CLABSI rates, including inpatient days, but required facilities to report to CDPH CLABSIs and central line days. Some facilities reported inpatient days rather than central line days to CDPH, although this did not allow for calculation of an appropriate CLABSI rate. Collection of central line days must be performed manually by hospital personnel while the lines are in place, usually on a daily basis. They cannot be collected retrospectively. While the statute required facilities to report MRSA and VRE BSIs and inpatient days, some facilities reported central line days as the population monitored for MRSA and VRE BSIs. Facilities variously enumerated inpatient days by conducting patient counts (as recommended by NHSN protocols), or by using an average daily census, daily discharge summaries, or other administrative records and reports. It is unclear how these different approaches affected the numbers of infections and persons at risk reported by facilities. However, the overall apparent lack of data standardization raises important concerns about the accuracy, completeness, and comparability of reported data.

As previously described, facilities used a variety of paper and electronic formats for submitting data and CDPH quality assurance and control processes were performed retrospectively in August 2010. As a result, there was less time for both the facilities and CDPH to review, investigate, and correct data errors. A number of facilities that submitted data through NHSN did not provide CDPH with electronic permission to access their data by July 23, 2010. While all facilities were contacted in August 2010 to verify their data, many had to reconstruct previously submitted data because original reporting forms could not be located or data had to be collated from NHSN. Although we resolved all identified discrepancies in the reported data, there may be additional undetected errors that remain.

Even with standardized, clear case definitions, facilities likely used various surveillance methods to identify and adjudicate BSIs (e.g., determine if the BSI was associated with the central line or secondary to another site of infection) [11]. Facilities likely vary on clinical practices that affect obtaining and interpreting blood culture results (by utilizing or not utilizing antipyretics and/or antimicrobials), case-finding methods, and the application of standard criteria for determining BSI attribution [11]. Although the mandate requires facilities to report facility-wide BSI rates, the standard of practice in early 2009 was to conduct surveillance for CLABSIs in ICU patient care areas only. While the reporting requirement expanded surveillance outside of the ICU location, it did not provide a phase-in period to accommodate the development and testing of surveillance procedures to include non-ICU settings.

We were not able to risk adjust CLABSI rates using methodology currently used by NHSN given the lack of patient location data reported to CDPH. CDC has not developed a risk adjustment method for facility-wide MRSA or VRE BSI rates. In accordance with the statute, we sought the advice of the HAI Subcommittee on Metrics for Public Reporting, which carefully deliberated the data quality and alternative risk adjustment strategies for these data. The Subcommittee concluded that a risk adjustment alternative was not possible and further recommended that these HAI rates not be publicly posted. In the absence of a recommended alternative, we opted to stratify facilities into similar peer groups in order to present facilities with comparable patient and risk profiles. This method may not have adequately categorized the risk profile for each

facility. For example, facilities excluded from the peer groups we identified may be misclassified in the analysis because of the nature of the criteria used and other important peer categories may have been excluded altogether. Rates for facilities meeting multiple peer group criteria were presented in multiple tables, which may be confusing.

The CMI presented also has important limitations including, but not limited to, the completeness, precision and validity of discharge record coding from which the measure is derived. If a facility has more resources to dedicate to record coding, its patients may have more data available for use in weighting schemes. Thus, facilities that have more resources available for medical and billing record coding may appear to admit higher acuity patients and deliver more complex care.

DISCUSSION

These findings provide a preliminary evaluation of HAI reporting required by California SB 1058 and identify important considerations and limitations concerning the interpretation of reported facility-specific HAI rates. Foremost, these data demonstrate that California hospital facilities have made important progress towards surveillance and reporting of healthcare-associated BSIs to CDPH during this period. This specific reporting period posed unique challenges because it preceded the establishment of the CDPH HAI Program in December 2009 and coincided with the novel influenza A (H1N1) virus global pandemic, in which California public health played a major role in early identification. Hospital facility resources were strained as a result of both the pandemic and new reporting requirements. Conducting surveillance for CLABSI outside of ICUs was a new, labor intensive activity for most facilities. Despite these constraints, 79.6 percent of facilities reported complete facility-wide or ICU-specific data on CLABSIs and 87.7 percent of facilities reported complete data on MRSA BSIs and on VRE BSIs; only 5.0 percent of facilities reported no required data. These findings also demonstrate that California facilities have made strides in developing internal surveillance and reporting mechanisms to identify and monitor HAIs in efforts towards HAI prevention and elimination.

Because of various programmatic, legal, and statutory obstacles, CDPH was not able to provide facilities with a standardized surveillance and reporting system that ensured the use of clear consistent case definitions, routine case and population ascertainment methods, and data validation routines. Additionally, CDPH initiated a retrospective quality assurance and control process after the HAI Program was funded, more than 18 months after some data were reported. These factors make it difficult to determine the accuracy of HAI rates reported by facilities during this period. The requirement for hospitals to report using only NHSN began in April 2010 and will improve the accuracy of the data given a standardized reporting system with clear and consistent definitions. However, user variability and lack of data validation will continue to limit the accuracy of the data. Beginning in January 2011, all US hospitals will have to report CLABSIs through NHSN to receive the Medicare annual payment update [23]. Timely quality assurance and control processes by the HAI Program soon after data is entered into NHSN will also help to improve the accuracy of data reported by hospitals; as will data validation activities planned by the Program.

California hospitals reported facility-wide HAI rates which are challenging to interpret as they obscure high and low unit-specific rates within each facility. Facility-specific rates reported here may differ because of variations in surveillance practices as well as infection risk [10, 11, 13]. Inter-facility variation may reflect differences in clinical practices related to the delivery of healthcare including infection control practices, the underlying medical complexity of patients being served, and by the surveillance methods used to identify infections and persons at risk [11]. Substantial inter-facility variation in surveillance practices has been demonstrated to

directly affect the magnitude of HAI rates [10,11]. A low rate may reflect greater diligence with infection prevention or may reflect poor surveillance methods that favor non-detection of infections, including failure to appropriately use NHSN definitions for infections. Similarly, a high rate may reflect lapses in infection prevention practices or more aggressive surveillance to detect infections. In support of the latter, in the first CDC report of state-specific CLABSI rates in ICUs, the five states that performed external data validation also reported the highest rates [15]. Inter-facility comparisons are only valid if the methods of surveillance are uniform and reliable across facilities [10,13,15,24]. Therefore, direct comparisons of un-validated facility-specific rates of HAIs in this report should be avoided.

Despite the limitations of these data, California hospitals are making important strides in the identification of HAIs. It is noteworthy that more than half of reporting facilities voluntarily reported CLABSI data from both ICU and non-ICU locations. The majority of central line days reported was attributed to non-ICU locations, underscoring the potential importance of extending CLABSI surveillance to non-ICU locations. These findings suggest facilities are appropriately expanding surveillance practices to include non-ICU areas which may provide a focus for future prevention efforts. Additionally, the median facility-specific rate of CLABSIs remained higher in ICU locations compared with non-ICU locations and facility-specific CLABSI rates varied considerably regardless of patient care location. These inter-facility differences may reflect differences in infection control practices, surveillance practices, and/or case mix across hospitals but will be the focus of continued programmatic activities.

In conclusion, these findings highlight the initial success of mandated HAI surveillance and reporting by California facilities. Beginning in April 2010, CDPH required facilities to report HAI BSI data through NHSN. Adopting NHSN as the CDPH secure, web-based surveillance and reporting system is an important step toward standardizing HAI surveillance methods and protocols across California hospitals. Additionally, the hospital-specific surveillance systems, protocols, and skills that were developed and implemented during this initial reporting period are an important foundation for continued improvement in HAI surveillance, reporting, and prevention efforts. CDPH will continue to work with facilities to identify barriers to reporting and disseminate best practices for HAI surveillance to monitor progress towards HAI prevention and elimination.

RECOMMENDATIONS

In summary, the following recommendations should be considered and implemented to ensure that the most informative and useful HAI rate information is reported to the public.

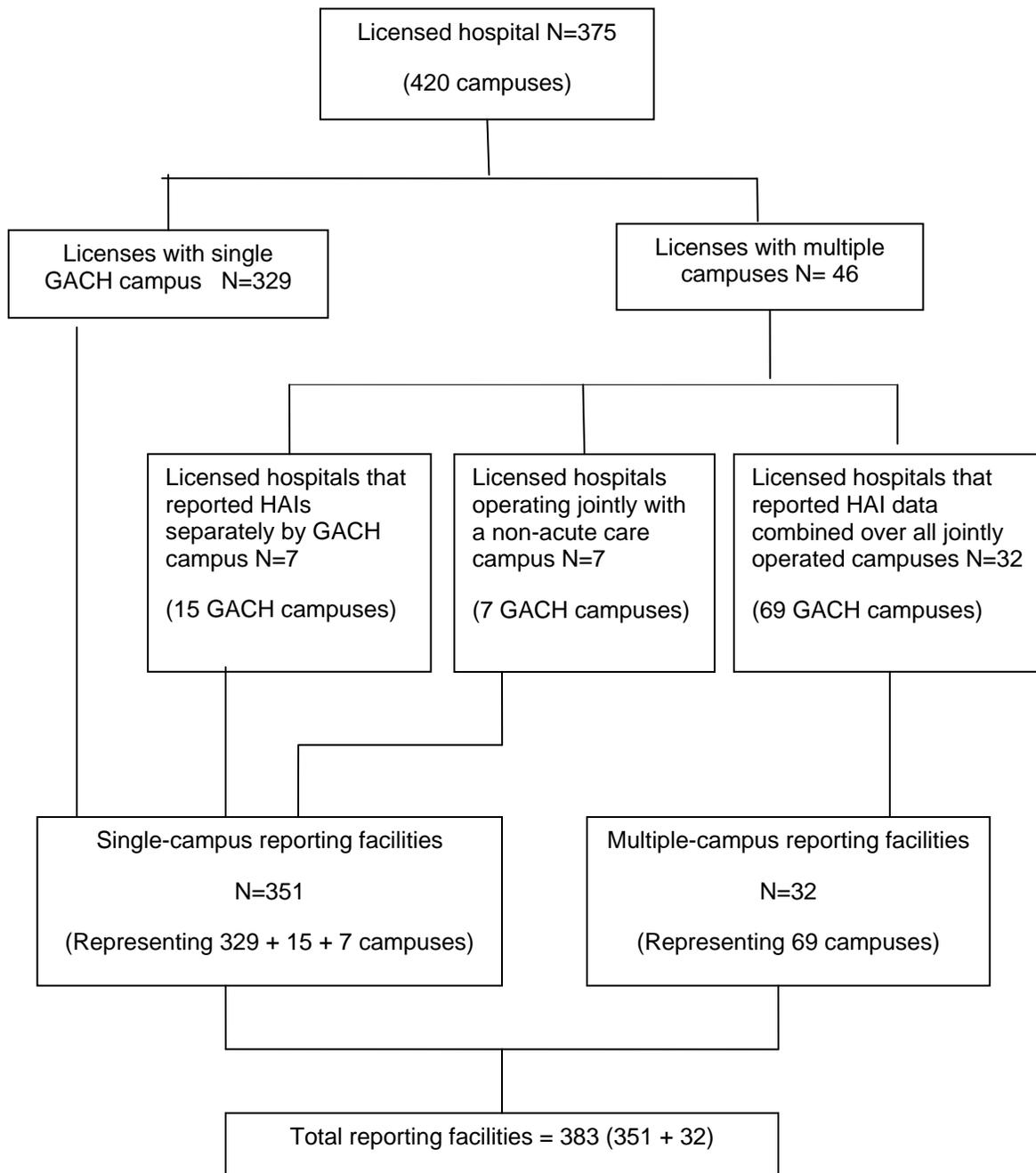
- CDPH should continue to require the use of NHSN to meet its statutory requirement regarding reporting of CLABSIs, MRSA BSIs, and VRE BSIs.
- CDPH should work with facilities to identify barriers to reporting and guide facilities in applying best practices that ensure consistent application of NHSN definitions, protocols and surveillance methods across facilities.
- CDPH should implement a real-time quality assurance and control process utilizing data reported through NHSN and implement efforts to conduct on-site data validation.
- In consultation with the HAI Advisory Committee, CDPH should review associated HAI mandates to ensure effective implementation by hospitals and the HAI Program.
- In consultation with the HAI Advisory Committee, CDPH should consider modifying the HAI Program to more closely reflect the expert opinion and guidance on HAI surveillance and public reporting provided by HICPAC.

REFERENCES

1. Klevens, RM, Edwards JR, Richards CL Jr, et. Al. Estimating health care-associated infections and deaths in U.S. hospitals, 2002. *Public Health Rep.* 2007; 122:160-166.
2. Wenzel RP, Edmond MB. Team-based prevention of catheter-related infections. *N Engl J Med.* 2006;355-278-2783.
3. Edwards JR, Peterson KD, Mu Y, et al. National healthcare safety network (NHSN) report, data summary for 2006 through 2008, issued November 2009. *Am J Infect Control* 2009;37:783-805.
4. Ramritu P, Halton K, Cook D, et al. Catheter-related bloodstream infections in intensive care units: a systematic review with meta-analysis. *J Adv Nurs.* 2008;62:3-21.
5. Shannon RP, Patel B, Cumming D, et al. Economics of central line-associated bloodstream infections. *Am J Med Qual.* 2006;21(6 suppl):7S-16S.
6. Medicare Program: reimbursement
http://www.cms.gov/HospitalAcqCond/06_HospitalAcquired_Conditions.asp#TopOfPage
Accessed December 1, 2010
7. Weinstein RA, Siegel JD, Brennan PJ. Infection-control report cards-securing patient safety. *N Engl J Med.* 2005;353(3):225-227.
8. Edmond MB, Bearman GML. Mandatory public reporting in the USA: an example to follow? *J of Hosp Infect* 2007;65(S2):182-8.
9. Fung CH, Lim YW, Mattke S, et al. Systematic review: the evidence that publishing patient care performance data improves quality of care. *Ann Intern Med.* 2008;148(2):111-123.
10. Lin MY, Hota B, Khan YM, et al. Quality of traditional surveillance for public reporting of nosocomial bloodstream infection rates. *JAMA* 2010;304(18):2035-41.
11. Niedner, M and the 2008 National Association of Children's Hospitals and Related Institutions Pediatric Intensive Care Unit Patient Care Focus Group. The harder you look, the more you find: catheter-associated bloodstream infection surveillance variability. *Am J Infect control* 2010;38:585-9
12. California Health and Safety Code, Sections 1288.55 and 1288.8.
13. McKibben L, Horan TC, Tokars JI, et al. Guidance on public reporting of healthcare-associated infections: recommendation of the Healthcare Infection Control Practices Advisory Committee. *Infect Control Hosp Epidemiol.* 2005;26(6):580-587.
14. Horan, TC, Andrus M and Dudeck MA. CDC/NHSN surveillance definition of health care-associated infection and criteria for specific types of infections in the acute care setting. *Am J Infect Control* 2008;36:309-32.
15. Centers for Disease Control and Prevention. First state-specific healthcare-associated infections summary data report. CDC's National healthcare safety network
http://www.cdc.gov/hai/pdfs/stateplans/SIR_05_25_2010.pdf
Accessed: December 2, 2010
16. California Health and Safety Code, Sections 1288.5, 1288.8, 1279.6, 1279.7, 1288.45, and 1288.95
17. CDC NHSN key terms
http://www.cdc.gov/nhsn/PDFs/pscManual/16pscKeyTerms_current.pdf Accessed November 1, 2010
18. California Code of Regulations, Title 22, Sections 70401, 70421, 70461, 70481, 70491.
19. Association of American Medical Colleges. Member teaching hospitals and health systems.
http://services.aamc.org/memberlistings/index.cfm?fuseaction=home.search&search_type=TH&state_criteria=ALL Accessed November 2010.
20. Accreditation council for graduate medical education. List of ACGME accredited programs and sponsoring institutions. <http://www.acgme.org/adspublic/default.asp>

21. California Office of Statewide Health Planning and Development, Case Mix Index <http://www.oshpd.ca.gov/HID/Products/PatDischargeData/CaseMixIndex/default.asp>
Accessed November 2, 2010.
22. Daly, Leslie, "Simple SAS macros for the calculation of exact binomial and Poisson confidence limits (1992) *Comput Biol Med*, 22(5):351-361.
23. Medicare Program; Hospital Inpatient Prospective Payment Systems for Acute Care Hospitals <http://edocket.access.gpo.gov/2010/pdf/2010-19092.pdf>
24. Pronovost PJ, Miller M, Wachter RM. The GAAP in quality measurement and reporting. *JAMA*. 2007;298(15):1800-1802.

Figure 1. Distribution of California general acute care hospital (GACH) licenses and campuses among California facilities reporting healthcare-associated infections



Source: Healthcare-associated Bloodstream Infections in California Hospitals, January 2009 – March 2010. California Department of Public Health, January 3, 2010

TABLES

Table I	Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data	18
Table 2-5.	Crude rates of healthcare-associated methicillin-resistant <i>Staphylococcus aureus</i> bloodstream infections	27-37
Table 6-9.	Crude rates of healthcare-associated vancomycin-resistant <i>Enterococci</i> bloodstream infections	38-49
Table 10-13	Crude rates of central line associated bloodstream infections in intensive care units	50-56
Table 14-17.	Crude rates of central line associated bloodstream infections in non-intensive care units	57-64
Table 18-21.	Crude rates of central line associated bloodstream infections in all inpatient care locations	65-74

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
† ADVENTIST HEALTH SYSTEMS				4	5	0	0	5
HANFORD COMMUNITY MED CTR								
SELMA COMMUNITY HOSP								
AHMC ANAHEIM REGIONAL MED CTR, ANAHEIM				2	2	2	1	1
† ALAMEDA COUNTY MED CTR	Y		Y	5	5	0	0	5
FAIRMONT CAMPUS, SAN LEANDRO								
ALAMEDA COUNTY MED CTR, OAKLAND								
ALAMEDA HOSP				5	5	5	5	5
ALHAMBRA HOSP MED CTR				5	5	5	5	5
† ALTA LOS ANGELES HOSPS, INC.				5	5	5	5	5
LOS ANGELES COMMUNITY HOSP								
NORWALK COMMUNITY HOSP								
† ALVARADO HOSP, LLC				5	5	5	5	5
ALVARADO HOSP CAMPUS #1, SAN DIEGO								
ALVARADO HOSP CAMPUS #2, SAN DIEGO								
ANAHEIM GENERAL HOSP				4	4	0	0	1
ANTELOPE VALLEY HOSP, LANCASTER				5	5	0	0	5
ARROWHEAD RGN MED CTR, COLTON	Y		Y	5	5	5	1	1
ARROYO GRANDE COMMUNITY HOSP				5	5	1	5	5
BAKERSFIELD HEART HOSP				5	5	5	5	5
BAKERSFIELD MEMORIAL HOSP				5	5	0	0	0
BALLARD REHAB HOSP, SAN BERNARDINO				5	5	NA	5	5
BANNER LASSEN MED CTR, SUSANVILLE				5	5	NA	5	5
BARLOW RESPIRATORY HOSP, LOS ANGELES				5	5	5	5	5
BARSTOW COMMUNITY HOSP				2	2	2	1	2
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE				5	5	5	4	4
BEAR VALLEY COMMUNITY HOSP, BIG BEAR LAKE				5	5	NA	5	5
BELLFLOWER MED CTR				5	5	5	5	5
BEVERLY HOSP, MONTEBELLO				4	4	0	1	2
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY				5	5	5	5	5
BROTMAN MED CTR, CULVER CITY				4	4	5	4	4
CALIFORNIA HOSP MED CTR, LOS ANGELES	Y		Y	3	3	5	3	3
CALIFORNIA MED FACILITY, VACAVILLE				0	0	NA	0	0
CALIFORNIA MENS COLONY, SAN LUIS OBISPO				0	0	NA	0	0
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO				5	5	5	5	5
CASA COLINA HOSP FOR REHABILITATIVE MEDICINE, POMONA				0	0	NA	0	0
CATALINA ISLAND MED CTR, AVALON				0	0	NA	0	0
† CATHOLIC HEALTHCARE WEST				5	5	5	5	5
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ								
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ								
† CATHOLIC HEALTHCARE WEST				5	5	0	0	0
MERCY HOSP, BAKERSFIELD								
MERCY SOUTHWEST HOSP, BAKERSFIELD								
‡ CATHOLIC HEALTHCARE WEST								
MERCY MED CTR MERCED, COMMUNITY	Y			5	5	5	0	0
CEDARS-SINAI MED CTR, LOS ANGELES	Y		Y	5	5	5	5	5
CENTINELA HOSP MED CTR, INGLEWOOD				4	4	0	0	4
CENTRAL VALLEY GENERAL HOSP, HANFORD				5	5	NA	5	5
CHAPMAN MED CTR, ORANGE				5	5	5	0	0
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	Y	Y	Y	5	5	5	5	5
CHILDREN'S HOSP AT MISSION, MISSION VIEJO			Y	5	5	5	5	5

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
CHILDREN'S HOSP CENTRAL CA, MADERA		Y		5	5	0	2	0
CHILDRENS HOSP OF LOS ANGELES	Y	Y	Y	5	5	5	5	5
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	Y	Y		5	5	5	5	5
CHINESE HOSP, SAN FRANCISCO				5	5	0	0	1
CHINO VALLEY MED CTR, CHINO				5	5	4	0	0
† CITRUS VALLEY MED CTR, INC.				5	5	5	5	5
CITRUS VALLEY MED CTR, IC , COVINA								
CITRUS VALLEY MED CTR, QV, WEST COVINA								
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	Y			5	5	5	5	5
CLOVIS COMMUNITY MED CTR				5	5	5	0	0
COALINGA REGIONAL MED CTR				5	5	NA	5	5
COAST PLAZA HOSP, NORWALK				5	5	5	5	5
COASTAL COMMUNITIES HOSP, SANTA ANA				3	3	3	2	3
COLLEGE HOSP COSTA MESA				5	5	0	0	4
COLORADO RIVER MED CTR, NEEDLES				0	0	NA	1	1
COLUSA REG MED CTR				4	4	5	5	5
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK								
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK				5	5	5	5	5
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY				4	4	0	0	4
COMMUNITY HOSP OF SAN BERNARDINO				5	5	5	5	5
COMMUNITY HOSP OF LONG BEACH				5	5	5	4	5
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA				4	5	5	0	0
COMMUNITY REGIONAL MED CTR, FRESNO	Y		Y	5	5	5	0	0
CONTRA COSTA REGIONAL MED CTR, MARTINEZ				5	5	1	1	1
CORCORAN DISTRICT HOSP				0	0	NA	0	0
† COUNTY OF VENTURA	Y			5	5	5	5	5
VENTURA COUNTY MED CTR								
VENTURA COUNTY MED CTR, SANTA PAULA HOSP								
DAMERON HOSP, STOCKTON				5	5	5	4	4
DELANO REGIONAL MED CTR				0	0	0	0	0
DESERT REGIONAL MED CTR, PALM SPRINGS			Y	5	5	5	5	5
DESERT VALLEY HOSP, VICTORVILLE				5	5	0	4	1
DOCTORS HOSP OF MANTECA				5	5	0	4	1
DOCTORS HOSP OF WEST COVINA, INC, WEST COVINA				5	5	5	5	5
DOCTORS MED CTR, MODESTO	Y		Y	5	5	5	5	5
DOCTORS MED CTR, SAN PABLO				5	5	5	1	1
DOWNEY REGIONAL MED CTR				5	5	0	0	5
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH			Y	5	5	5	5	5
EAST LOS ANGELES DOCTORS HOSP, LOS ANGELES				0	0	0	0	0
EAST VALLEY HOSP MED CTR, GLENDORA				5	5	5	5	5
† EASTERN PLUMAS HEALTH CARE				4	4	NA	4	4
EASTERN PLUMAS HOSP, PORTOLA								
† EDEN MED CTR			Y	4	4	0	0	1
EDEN MED CTR, CASTRO VALLEY								
SAN LEANDRO HOSP								
EISENHOWER MED CTR, RANCHO MIRAGE				5	5	5	3	3
EL CENTRO REGIONAL MED CTR				2	3	5	1	2
‡ EL CAMINO HOSP								
EL CAMINO HOSP, MOUNTAIN VIEW				5	5	0	2	3
EL CAMINO HOSP, LOS GATOS				3	3	3	2	2
EMANUEL MED CTR INC, TURLOCK				5	5	5	5	5
ENCINO HOSP MED CTR, ENCINO				1	1	0	1	0

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
† ENLOE MED CTR			Y	5	5	0	0	5
ENLOE REHABILITATION CTR, CHICO								
ENLOE MED CTR, COHASSET, CHICO								
ENLOE MED CTR, ESPLANADE, CHICO								
FAIRCHILD MED CTR, YREKA				5	5	0	1	5
FAIRVIEW DEVELOPMENTAL CTR, COSTA MESA				5	5	NA	5	5
FALLBROOK HOSP DISTRICT				5	5	5	5	5
FEATHER RIVER HOSP, PARADISE				5	5	0	5	0
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA				5	5	5	5	5
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR				5	5	5	5	5
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR								
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR								
FRANK R. HOWARD MEMORIAL HOSP, WILLITS				5	5	5	5	5
FRENCH HOSP MED CTR, SAN LUIS OBISPO				5	5	0	0	5
FRESNO HEART AND SURGICAL HOSP				5	5	5	0	0
FRESNO SURGICAL HOSP				5	5	NA	5	5
GARDEN GROVE HOSP AND MED CTR				1	1	1	1	1
GARFIELD MED CTR, MONTEREY PARK				5	5	5	2	2
GEORGE L. MEE MEMORIAL HOSP, KING CITY				3	3	0	0	3
GLENDALE ADVENTIST MED CTR		Y		5	5	5	5	5
GLENDALE MEMORIAL HOSP AND HEALTH CTR				3	3	0	0	3
GLENN MED CTR, WILLOWS				5	5	NA	4	4
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA				5	5	5	5	5
GOOD SAMARITAN HOSP, BAKERSFIELD				0	0	0	0	0
GOOD SAMARITAN HOSP, LOS ANGELES				5	5	5	5	5
† GOOD SAMARITAN HOSP, LP				4	5	5	0	0
MISSION OAKS HOSP, LOS GATOS								
GOOD SAMARITAN HOSP, SAN JOSE								
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE				5	5	5	5	5
GROSSMONT HOSP, LA MESA				5	5	5	5	5
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER				5	5	0	0	5
HEALDSBURG DISTRICT HOSP				0	0	0	0	0
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE		Y		5	5	NA	5	5
HEALTHSOUTH BAKERSFIELD REHABILITATION HOSP				1	1	NA	1	1
HEALTHSOUTH TUSTIN REHABILITATION HOSP				4	4	NA	1	1
HEMET VALLEY MED CTR				3	3	1	0	1
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA			Y	5	5	5	5	5
HI-DESERT MED CTR, JOSHUA TREE				5	5	5	5	5
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH								
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH				5	5	5	5	5
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD				5	5	4	4	5
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES				5	5	5	3	4
HUNTINGTON BEACH HOSP				5	5	5	5	5
HUNTINGTON MEMORIAL HOSP, PASADENA		Y	Y	5	5	5	0	0
JEROLD PHELPS COMMUNITY HOSP, GARBERVILLE				5	5	NA	5	5
JOHN C. FREMONT HEALTHCARE DISTRICT, MARIPOSA				0	0	NA	0	0
JOHN D KLARICH MEMORIAL HOSP, CSP-CORCORAN				2	2	NA	2	2
JOHN F. KENNEDY MEMORIAL HOSP, INDIO				5	5	0	2	3
JOHN MUIR MED CTR, CONCORD				5	5	5	5	5
JOHN MUIR MED CTR, WALNUT CREEK			Y	5	4	5	5	5
KAISER FOUNDATION HOSP, ANTIOCH				5	5	5	5	5
KAISER FOUNDATION HOSP, BALDWIN PARK				4	4	5	5	5

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER				4	4	2	4	1
KAISER FOUNDATION HOSP, FONTANA	Y			5	5	0	0	5
KAISER FOUNDATION HOSP, FRESNO				5	5	5	5	5
KAISER FOUNDATION HOSP, MORENO VALLEY				5	5	5	5	5
KAISER FOUNDATION HOSP, PANORAMA CITY				5	5	1	5	1
KAISER FOUNDATION HOSP, RIVERSIDE	Y			4	4	4	3	3
KAISER FOUNDATION HOSP, REDWOOD CITY				5	5	5	2	2
KAISER FOUNDATION HOSP, SAN DIEGO	Y			5	5	5	5	5
KAISER FOUNDATION HOSP, SAN FRANCISCO	Y			4	4	3	3	2
KAISER FOUNDATION HOSP,SAN JOSE				5	5	5	4	4
KAISER FOUNDATION HOSP, SAN RAFAEL				5	5	5	1	1
KAISER FOUNDATION HOSP, SANTA CLARA	Y			5	5	5	5	5
KAISER FOUNDATION HOSP, SANTA ROSA				5	5	4	5	4
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY				5	5	5	5	5
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	Y			5	5	5	5	5
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO				5	5	5	5	5
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	Y			5	5	5	4	4
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO				5	5	5	4	4
KAISER FOUNDATION HOSP, WALNUT CREEK				5	5	5	5	5
KAISER FOUNDATION HOSP, WEST LA, LOS ANGELES				5	5	0	0	5
KAISER FOUNDATION HOSP, WOODLAND HILLS	Y			5	5	5	3	3
‡ KAISER FOUNDATION HOSPS								
KAISER FOUNDATION HOSP, ANAHEIM				5	5	5	4	4
KAISER FOUNDATION HOSP, IRVINE				5	5	5	5	5
† KAISER FOUNDATION HOSPS				5	5	4	4	5
KAISER FOUNDATION HOSP, FREMONT								
KAISER FOUNDATION HOSP, HAYWARD/FREMONT								
† KAISER FOUNDATION HOSPS				5	5	5	5	5
KAISER FOUNDATION HOSP, MODESTO								
KAISER FOUNDATION HOSP, MANTECA								
† KAISER FOUNDATION HOSPS	Y			5	5	5	5	5
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND								
KAISER FOUNDATION HOSP, RICHMOND								
‡ KAISER FOUNDATION HOSPS								
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	Y			4	4	5	4	4
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	Y			5	5	5	5	5
KAWEAH DELTA MED CTR, VISALIA				5	5	5	5	5
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD				5	5	NA	5	5
KERN MED CTR, BAKERSFIELD	Y		Y	0	0	0	0	0
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA				5	5	0	5	5
KINDRED HOSP, BREA				5	5	0	0	5
KINDRED HOSP, LOS ANGELES				5	5	0	0	5
KINDRED HOSP, ONTARIO				5	5	0	0	5
KINDRED HOSP, SACRAMENTO, FOLSOM				5	5	4	4	5
KINDRED HOSP, SAN DIEGO				5	5	0	0	5
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO				5	5	5	5	5
KINDRED HOSP WESTMINSTER				1	1	0	0	5
KINGSBURG MED CTR				0	0	NA	0	0
LA PALMA INTERCOMMUNITY HOSP				3	3	5	5	5
LAC+USC MED CTR, LOS ANGELES	Y		Y	5	5	5	5	5
LAC/HARBOR-UCLA MED CTR, TORRANCE	Y		Y	5	5	5	0	0
LAC/RANCHO LOS AMIGOS NATIONAL REHAB CTR, DOWNEY				5	5	0	0	0

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
LAGUNA HONDA HOSP & REHAB CTR, SAN FRANCISCO				5	5	NA	5	5
LAKWOOD REGIONAL MED CTR				5	5	5	5	5
LANCASTER COMMUNITY HOSP				5	5	1	5	1
LANTERMAN DEVELOPMENTAL CTR, POMONA				5	5	NA	5	5
† LODI MEMORIAL HOSP ASSOCIATION, INC.				5	5	5	5	5
LODI MEMORIAL HOSP (1RH)								
LODI MEMORIAL HOSP-WEST								
† LOMA LINDA UNIVERSITY MED CTR	Y		Y	5	5	5	5	5
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS								
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA								
LOMA LINDA UNIV MED CTR, LOMA LINDA								
LOMPOC VALLEY MED CTR				5	5	2	5	2
LONG BEACH MEMORIAL MED CTR, LONG BEACH	Y		Y	5	5	5	5	5
LOS ALAMITOS MED CTR				5	5	1	1	5
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR				5	5	5	4	4
LOS ANGELES METROPOLITAN MED CTR				5	5	5	5	5
† LOS ROBLES REGIONAL MED CTR				5	5	5	5	5
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS								
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS								
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	Y		Y	5	5	5	5	5
MAD RIVER COMMUNITY HOSP, ARCATA				5	5	5	5	5
MADERA COMMUNITY HOSP				0	0	0	0	0
MAMMOTH HOSP				5	5	5	5	5
MARIAN MED CTR, SANTA MARIA				5	5	0	0	5
MARIN GENERAL HOSP, GREENBRAE				4	4	0	0	4
MARINA DEL REY HOSP				1	1	0	1	0
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS				5	5	5	5	5
MARSHALL MED CTR (1-RH), PLACERVILLE				4	4	0	0	5
MAYERS MEMORIAL HOSP, FALL RIVER MILLS				5	5	NA	5	5
MEMORIAL HOSP LOS BANOS				2	2	3	2	3
MEMORIAL HOSP OF GARDENA				5	5	5	5	5
MEMORIAL MED CTR, MODESTO			Y	5	5	5	5	5
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG				5	5	5	5	5
MENIFEE VALLEY MED CTR, SUN CITY				4	3	0	0	1
MENLO PARK SURGICAL HOSP				5	5	NA	2	2
MERCY GENERAL HOSP, SACRAMENTO				5	5	5	5	5
MERCY HOSP OF FOLSOM				5	5	5	4	4
MERCY MED CTR MT. SHASTA				5	5	5	5	5
MERCY MED CTR REDDING	Y		Y	5	5	5	5	5
MERCY SAN JUAN MED CTR, CARMICHAEL			Y	5	5	5	5	5
METHODIST HOSP OF SACRAMENTO	Y			5	5	5	5	5
METHODIST HOSP OF SOUTHERN CA, ARCADIA				4	5	5	5	5
† MILLS-PENINSULA HEALTH SERVICES				5	5	5	5	5
MILLS HEALTH CTR, SAN MATEO								
PENINSULA MED CTR, BURLINGAME								
MIRACLE MILE MED CTR, LOS ANGELES				5	5	NA	5	5
MISSION COMMUNITY HOSP, PANORAMA				0	1	0	1	0
† MISSION HOSP REGIONAL MED CTR			Y	5	5	5	5	5
MISSION HOSP REGIONAL MED CTR								
MISSION HOSP LAGUNA BEACH								
MODOC MED CTR, ALTURAS				2	2	NA	5	5
MONROVIA MEMORIAL HOSP				5	5	5	3	5

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
MONTEREY PARK HOSP				5	5	5	0	0
MONTCLAIR HOSP MED CTR				5	5	4	0	0
MOTION PICTURE & TELEVISION HOSP, WOODLAND HILLS				5	5	0	5	5
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD				5	5	NA	5	5
NATIVIDAD MED CTR, SALINAS	Y			5	5	5	1	1
NEWPORT SPECIALTY HOSP, TUSTIN				0	0	NA	0	0
‡ NORTHBAY HEALTHCARE GROUP								
NORTHBAY MED CTR, FAIRFIELD				5	5	5	5	5
NORTHBAY VACAVALLEY HOSP				5	5	5	5	5
NORTHERN CA REHAB HOSP, REDDING				5	5	NA	5	5
NORTHERN INYO HOSP, BISHOP				5	5	5	5	5
NORTHRIDGE HOSP MED CTR	Y		Y	5	5	0	0	5
NOVATO COMMUNITY HOSP				5	5	5	5	5
O'CONNOR HOSP, SAN JOSE	Y			5	5	5	5	5
OAK VALLEY HOSP DISTRICT (2-RH), OAKDALE				1	1	0	1	0
OJAI VALLEY COMMUNITY HOSP, OJAI				5	5	5	0	0
OLYMPIA MED CTR, LOS ANGELES				5	4	5	0	0
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY				5	5	2	5	2
OROVILLE HOSP				5	5	0	4	1
PACIFIC ALLIANCE MED CTR				5	5	0	0	5
PACIFIC HOSP OF LONG BEACH				5	5	5	3	5
PACIFICA HOSP OF THE VALLEY, SUN VALLEY				5	5	5	5	5
PALM DRIVE HOSP, SEBASTOPOL				5	5	1	5	1
PALO VERDE HOSP, BLYTHE				5	5	5	5	5
PALOMAR MED CTR, ESCONDIDO			Y	5	5	5	0	0
PARADISE VALLEY HOSP, NATIONAL CITY				5	5	5	5	5
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE				5	5	5	5	5
PATIENTS' HOSP OF REDDING				5	5	NA	5	5
PIONEERS MEMORIAL HEALTHCARE DISTRICT, BRAWLEY				1	1	0	1	0
PLACENTIA LINDA HOSP				5	5	5	5	5
PLUMAS DISTRICT HOSP, QUINCY				3	4	NA	4	4
POMERADO HOSP, POWAY				5	5	5	0	0
POMONA VALLEY HOSP MED CTR, POMONA	Y			5	5	0	5	0
PORTERVILLE DEVELOPMENTAL CTR				1	0	NA	1	1
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	Y			4	4	5	4	4
‡ PROMISE HOSP OF EAST LOS ANGELES, L.P.								
PROMISE HOSP OF EAST LA-SUBURBAN CAMPUS, PARAMOUNT				0	0	0	0	0
PROMISE HOSP OF EAST LA-EAST L.A CAMPUS, LOS ANGELES				0	0	0	0	0
PROMISE HOSP OF SAN DIEGO				0	0	0	0	0
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS			Y	5	5	5	2	2
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO				5	4	5	1	1
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE				5	5	5	0	0
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK				5	5	5	5	5
PROVIDENCE TARZANA MED CTR, TARZANA				5	5	5	5	5
QUEEN OF THE VALLEY MED CTR, NAPA				5	5	5	1	1
RADY CHILDREN'S HOSP, SAN DIEGO		Y	Y	5	5	5	5	5
RANCHO SPECIALTY HOSP, RANCHO CUCAMONGA				5	5	0	0	5
REDLANDS COMMUNITY HOSP				5	5	5	5	5
REDWOOD MEMORIAL HOSP, FORTUNA				5	5	0	4	0
REGIONAL MED CTR OF SAN JOSE			Y	5	5	4	0	1
RIDGECREST REGIONAL HOSP				5	5	2	1	5
RIVERSIDE COMMUNITY HOSP			Y	5	5	5	5	5

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	Y		Y	5	5	5	5	5
RONALD REAGAN UCLA MED CTR, LOS ANGELES			Y	5	5	5	4	4
† SADDLEBACK MEMORIAL MED CTR				5	5	5	5	5
SADDLEBACK MEMORIAL MED CTR								
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE								
SAINT AGNES MED CTR, FRESNO				5	5	5	3	3
SAINT FRANCIS MED CTR, LYNWOOD			Y	5	5	5	4	4
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO				5	5	5	5	5
SAINT JOHN'S HEALTH CTR, SANTA MONICA				5	5	5	1	1
SAINT LOUISE REGIONAL HOSP, GILROY				5	5	5	1	1
SAINT VINCENT MED CTR, LOS ANGELES				5	5	5	0	0
SALINAS VALLEY MEMORIAL HOSP				5	5	5	5	5
SAN ANTONIO COMMUNITY HOSP, UPLAND				5	5	5	1	1
SAN DIMAS COMMUNITY HOSP				4	4	0	1	3
SAN FRANCISCO GENERAL HOSP	Y		Y	5	5	5	5	5
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL				5	5	5	5	5
SAN GORGONIO MEMORIAL HOSP, BANNING				5	5	5	5	5
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD				5	5	5	5	5
SAN JOAQUIN GENERAL HOSP, FRENCH P	Y			5	5	5	5	5
SAN JOAQUIN VALLEY REHAB HOSP, FRESNO				4	4	NA	5	5
SAN MATEO MED CTR	Y			5	5	3	4	2
† SAN RAMON REGIONAL MED CTR, INC.				5	5	5	5	5
SAN RAMON REGIONAL MED CTR								
SAN RAMON REGIONAL MED CTR SOUTH BUILDING								
SANTA BARBARA COTTAGE HOSP	Y		Y	5	5	5	5	5
SANTA CLARA VALLEY MED CTR, SAN JOSE	Y		Y	5	5	5	5	5
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC				5	5	0	0	5
‡ SANTA ROSA MEMORIAL HOSP								
SANTA ROSA MEMORIAL HOSP			Y	5	5	5	5	5
SANTA YNEZ VALLEY COTTAGE HOSP, SOLVANG				5	5	NA	5	5
SCRIPPS GREEN HOSP, LA JOLLA	Y			5	5	5	5	5
† SCRIPPS HEALTH	Y		Y	5	5	5	5	5
SCRIPPS MERCY HOSP								
SCRIPPS MERCY HOSP CHULA VISTA								
SCRIPPS MEMORIAL HOSP, ENCINITAS				5	5	5	5	5
SCRIPPS MEMORIAL HOSP, LA JOLLA			Y	5	5	5	5	5
SENECA HEALTHCARE DISTRICT, CHESTER				5	5	NA	5	5
SEQUOIA HOSP, REDWOOD CITY				5	5	5	5	5
† SETON MED CTR				5	5	5	5	5
SETON MED CTR, DALY CITY								
SETON MED CTR, COASTSIDE, MOSS BEACH								

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
SHARP CHULA VISTA MED CTR				5	5	5	5	5
SHARP CORONADO HOSP AND HEALTHCARE CTR				5	5	5	5	5
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO				5	5	5	5	5
SHARP MEMORIAL HOSP, SAN DIEGO			Y	5	5	5	5	5
SHASTA REGIONAL MED CTR, REDDING				5	5	5	5	5
SHERMAN OAKS HOSP				0	0	5	5	5
SHRINERS HOSPS FOR CHILDREN, LOS ANGELES		Y		5	5	NA	5	5
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO		Y		5	5	5	0	0
SIERRA KINGS DISTRICT HOSP, REEDLEY				5	5	NA	5	5
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY				5	5	5	5	5
SIERRA VIEW DISTRICT HOSP, PORTERVILLE				5	5	5	5	5
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO				5	5	0	0	5
SILVER LAKE MED CTR, LOS ANGELES				5	5	5	5	5
SIMI VALLEY HOSP & HEALTH CARE SERVICES				5	5	5	5	5
SONOMA DEVELOPMENTAL CTR, ELDRIDGE				5	5	NA	1	1
SONOMA VALLEY HOSP				5	5	0	0	5
‡ SONORA REGIONAL MED CTR								
SONORA REGIONAL MED CTR				5	5	5	5	5
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.								
KINDRED HOSP, SAN GABRIEL VALLEY, WEST COVINA				5	5	0	0	5
KINDRED HOSP, LA MIRADA				5	5	0	0	5
KINDRED HOSP, SANTA ANA				5	5	0	0	5
SOUTHERN INYO HOSP, LONE PINE				0	0	NA	0	0
‡ SRM ALLIANCE HOSP SERVICES								
PETALUMA VALLEY HOSP				5	5	3	4	3
ST BERNARDINE MED CTR				5	5	5	5	5
ST ELIZABETH COMMUNITY HOSP, RED BLUFF				2	2	0	0	1
ST HELENA HOSP, CLEARLAKE				5	5	5	5	5
ST HELENA HOSP, ST HELENA				4	4	5	5	5
ST JOHN'S PLEASANT VALLEY HOSP, ARILLO				4	4	0	0	0
ST JOHN'S REGIONAL MED CTR, OXNARD				5	5	5	5	5
‡ ST JOSEPH HOSP EUREKA								
ST JOSEPH HOSP, EUREKA				5	5	5	5	5
THE GENERAL HOSP, EUREKA				5	5	NA	4	4
ST JOSEPH HOSP, ORANGE				5	5	5	5	5
ST JOSEPH'S MED CTR OF STOCKTON				5	5	5	5	5
ST JUDE MED CTR, FULLERTON			Y	5	5	5	5	5
ST MARY MED CTR, APPLE VALLEY				5	5	2	0	2
ST MARY MED CTR, LONG BEACH		Y	Y	5	5	0	0	5
ST MARY'S MED CTR, SAN FRANCISCO		Y		5	5	0	5	5
ST ROSE HOSP, HAYWARD				5	5	5	5	5
STANFORD HOSP, STANFORD		Y	Y	5	5	5	5	5
STANISLAUS SURGICAL HOSP, MODESTO				5	5	NA	5	5
SURPRISE VALLEY COMMUNITY HOSP, CEDARVILLE				4	4	NA	4	4
SUTTER AMADOR HOSP, JACKSON				5	5	5	4	5
SUTTER AUBURN FAITH HOSP, AUBURN				5	5	5	5	5
SUTTER COAST HOSP, CRESCENT CITY				5	5	5	0	0
SUTTER DAVIS HOSPITAL, DAVIS				5	5	4	4	5
SUTTER DELTA MED CTR, ANTIOCH				5	5	5	5	5

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Numbers of complete quarters of BSIs							
	Type of facility			MRSA	VRE	CLABSI		
	T	P	Tr	Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
† SUTTER EAST BAY HOSPS CTR				5	5	5	5	5
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY								
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY								
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND								
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND								
† SUTTER HEALTH SACRAMENTO SIERRA REGION				5	5	5	5	5
SUTTER GENERAL HOSP, SACRAMENTO								
SUTTER MEMORIAL HOSP, SACRAMENTO								
SUTTER LAKESIDE HOSP, LAKEPORT				0	0	0	0	0
SUTTER MATERNITY & SURGERY CTR OF SANTA CRUZ				3	3	NA	5	5
SUTTER MED CTR OF SANTA ROSA				5	5	5	5	5
SUTTER ROSEVILLE MED CTR			Y	5	5	0	2	3
SUTTER SOLANO MED CTR, VALLEJO				5	5	5	5	5
SUTTER TRACY COMMUNITY HOSP, TRACY				5	5	5	0	0
† SUTTER WEST BAY HOSPS	Y			5	5	5	5	5
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO								
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO								
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F								
TAHOE FOREST HOSP, TRUCKEE				5	5	5	5	5
TEHACHAPI HOSP, TEHACHAPI				2	2	NA	1	1
TEMPLE COMMUNITY HOSP, LOS ANGELES				5	5	5	5	5
† THE FREMONT-RIDEOUT HEALTH GROUP				4	4	5	1	1
FREMONT MED CTR, YUBA CITY								
RIDEOUT MEMORIAL HOSP, MARYSVILLE								
THOUSAND OAKS SURGICAL HOSP				5	5	NA	4	4
TORRANCE MEMORIAL MED CTR, TORRANCE				5	5	5	5	5
TRI-CITY MED CTR, OCEANSIDE				5	5	5	5	5
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS				5	5	5	5	5
TRINITY HOSP, WEAVERVILLE				5	5	NA	5	5
TULARE DISTRICT HOSP				5	5	5	0	0
TWIN CITIES COMMUNITY HOSP, TEMPLETON				5	5	0	0	5
† UHS-CORONA, INC.				4	4	3	4	2
CORONA REGIONAL MED CTR, CAMPUS #1								
CORONA REGIONAL MED CTR, CAMPUS #2								
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH				4	4	5	5	5
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	Y		Y	5	5	5	5	5
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	Y		Y	5	5	5	5	5
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	Y		Y	5	5	5	5	5
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR								
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP								
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	Y			5	5	5	1	1
UCSF MED CTR, SAN FRANCISCO								
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO								
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.				5	4	5	5	5
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR								
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA								
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES				5	5	5	5	5
USC UNIVERSITY HOSP, LOS ANGELES	Y			5	5	5	5	5
VALLEY PRESBYTERIAN HOSP, VAN NUYS				4	4	0	0	3
VALLEYCARE MED CTR, PLEASANTON				5	5	0	0	5
VERDUGO HILLS HOSP, GLENDALE				5	5	5	4	4
VIBRA HOSP OF SAN DIEGO, SAN DIEGO				5	5	NA	5	5
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE				4	4	0	1	4

Table 1. Numbers of complete quarters of healthcare-associated bloodstream infections surveillance data reported by California facilities and patient care locations, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Type of facility			Numbers of complete quarters of BSIs				
	T	P	Tr	MRSA		VRE		CLABSI
				Facility-wide	Facility-wide	ICU	non-ICU	Facility-wide
VISTA HOSP OF RIVERSIDE, PERRIS				5	5	0	5	0
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK				5	5	5	5	5
VISTA HOSP OF SOUTH BAY, GARDENA				5	5	0	0	5
WASHINGTON HOSP, FREMONT				4	4	5	5	5
WATSONVILLE COMMUNITY HOSP				5	5	1	0	5
WEST ANAHEIM MED CTR, ANAHEIM				5	5	0	0	5
WEST HILLS HOSP AND MED CTR				5	5	5	3	5
WESTERN MED CTR ANAHEIM				5	5	0	2	3
WESTERN MED CTR SANTA ANA			Y	5	5	0	0	5
WHITE MEMORIAL MED CTR, LOS ANGELES	Y			5	5	5	5	5
WHITTIER HOSP MED CTR				5	4	3	5	3
WOODLAND MEMORIAL HOSP				5	5	0	1	4

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Abbreviations: BSI: bloodstream infections, MRSA: methicillin-resistant *Staphylococcus aureus*, VRE: vancomycin-resistant *Enterococci*; CLABSI: central line associated BSI; T: Teaching, P: Pediatric; Tr: Trauma Level I/II; Y: Yes, NA: Not Applicable

Notes: A complete quarter was one in which both the numbers of infections and patient or central line days were reported. Facility-wide was an aggregate of all inpatient locations; ICU was an aggregate of all neonatal, pediatric, and adult intensive care units (ICU); non-ICU was an aggregate of all remaining non-ICU inpatient locations.

Source: Technical Report: Healthcare-associated bloodstream infections in California hospitals, January 2009 - March 2010. California Department of Public Health

Table 2. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
† ALAMEDA COUNTY MED CTR	10	54378	0.184	0.088	0.338	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
ARROWHEAD RGN MED CTR, COLTON	2	176598	0.011	0.001	0.041	1.00
‡ CATHOLIC HEALTHCARE WEST						
MERCY MED CTR MERCED, COMMUNITY	0	49028	0.000	0.000	0.061	1.00
CEDARS-SINAI MED CTR, LOS ANGELES	15	358727	0.042	0.023	0.069	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	6	69528	0.086	0.032	0.188	1.26
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	3	77419	0.039	0.008	0.113	1.40
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	10	71399	0.140	0.067	0.258	2.11
COMMUNITY REGIONAL MED CTR, FRESNO	19	218880	0.087	0.052	0.136	1.20
† COUNTY OF VENTURA	2	66695	0.030	0.004	0.108	
VENTURA COUNTY MED CTR						0.95
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DOCTORS MED CTR, MODESTO	11	145487	0.076	0.038	0.135	1.17
GLENDALE ADVENTIST MED CTR	0	139092	0.000	0.000	0.022	1.17
HUNTINGTON MEMORIAL HOSP, PASADENA	67	176741	0.379	0.294	0.481	1.24
KAISER FOUNDATION HOSP, FONTANA	3	173913	0.017	0.004	0.050	1.09
KAISER FOUNDATION HOSP, RIVERSIDE	1	64819	0.015	0.000	0.086	1.03
KAISER FOUNDATION HOSP, SAN DIEGO	1	158892	0.006	0.000	0.035	1.11
KAISER FOUNDATION HOSP, SAN FRANCISCO	2	95262	0.021	0.003	0.076	1.43
KAISER FOUNDATION HOSP, SANTA CLARA	2	134490	0.015	0.002	0.054	
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	1	53118	0.019	0.000	0.105	1.00
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	14	140549	0.100	0.054	0.167	1.61
KAISER FOUNDATION HOSP, WOODLAND HILLS	2	65089	0.031	0.004	0.111	1.26
† KAISER FOUNDATION HOSPS	7	107234	0.065	0.026	0.134	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.34
KAISER FOUNDATION HOSP, RICHMOND						1.36
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	2	84353	0.024	0.003	0.086	
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	0	73184	0.000	0.000	0.041	1.27
LAC+USC MED CTR, LOS ANGELES	34	222710	0.153	0.106	0.213	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	3	23327	0.129	0.027	0.376	1.32
† LOMA LINDA UNIVERSITY MED CTR	18	261082	0.069	0.041	0.109	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	10	137674	0.073	0.035	0.134	1.45
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	4	120378	0.033	0.009	0.085	1.24
MERCY MED CTR REDDING	2	69274	0.029	0.003	0.104	1.40
METHODIST HOSP OF SACRAMENTO	0	43959	0.000	0.000	0.068	1.12
NATIVIDAD MED CTR, SALINAS	0	38914	0.000	0.000	0.077	0.84
NORTHRIDGE HOSP MED CTR	3	109272	0.027	0.006	0.080	1.15
O'CONNOR HOSP, SAN JOSE	4	79630	0.050	0.014	0.129	1.01
POMONA VALLEY HOSP MED CTR, POMONA	5	153583	0.033	0.011	0.076	1.10
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	3	73294	0.041	0.008	0.120	1.18
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	5	115647	0.043	0.014	0.101	1.00
SAN FRANCISCO GENERAL HOSP	21	121322	0.173	0.107	0.265	1.14
SAN JOAQUIN GENERAL HOSP, FRENCH P	1	46666	0.021	0.001	0.119	1.00
SAN MATEO MED CTR	1	17766	0.056	0.001	0.314	1.11
SANTA BARBARA COTTAGE HOSP	3	110471	0.027	0.006	0.079	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	0	168923	0.000	0.000	0.018	1.05
SCRIPPS GREEN HOSP, LA JOLLA	1	49139	0.020	0.001	0.113	1.76

Table 2. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient Days	Rate	Lower	Upper	
† SCRIPPS HEALTH	6	176583	0.034	0.012	0.074	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
ST MARY MED CTR, LONG BEACH	4	83671	0.048	0.013	0.122	1.06
ST MARY'S MED CTR, SAN FRANCISCO	0	54157	0.000	0.000	0.055	1.48
STANFORD HOSP, STANFORD	3	169811	0.018	0.004	0.052	1.97
† SUTTER WEST BAY HOSPS	9	237391	0.038	0.017	0.072	
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO						1.25
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO						
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	16	212716	0.075	0.043	0.122	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	10	128820	0.078	0.037	0.143	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	14	165616	0.085	0.046	0.142	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	9	239380	0.038	0.017	0.071	
UCSF MED CTR, SAN FRANCISCO						1.84
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO						
USC UNIVERSITY HOSP, LOS ANGELES	11	70026	0.157	0.078	0.281	2.39
WHITE MEMORIAL MED CTR, LOS ANGELES	5	119237	0.042	0.014	0.098	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 3. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California pediatric facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	6	69528	0.086	0.032	0.188	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	0	14231	0.000	0.000	0.211	1.14
CHILDREN'S HOSP CENTRAL CA, MADERA	1	99328	0.010	0.000	0.056	1.49
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	3	77419	0.039	0.008	0.113	1.40
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	4	85921	0.047	0.013	0.119	0.85
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	2242	0.000	0.000	1.336	1.18
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	4	120378	0.033	0.009	0.085	1.24
RADY CHILDREN'S HOSP, SAN DIEGO	5	87884	0.057	0.018	0.133	1.46
SHRINERS HOSPS FOR CHILDREN, LOS ANGELES	0	6461	0.000	0.000	0.464	1.32
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO	3	12720	0.236	0.049	0.689	2.13
ST JUDE MED CTR, FULLERTON	1	90167	0.011	0.000	0.062	1.28

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 4. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
† ALAMEDA COUNTY MED CTR	10	54378	0.184	0.088	0.338	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
ARROWHEAD RGN MED CTR, COLTON	2	176598	0.011	0.001	0.041	1.00
CEDARS-SINAI MED CTR, LOS ANGELES	15	358727	0.042	0.023	0.069	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	6	69528	0.086	0.032	0.188	1.26
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
COMMUNITY REGIONAL MED CTR, FRESNO	19	218880	0.087	0.052	0.136	1.20
DESERT REGIONAL MED CTR, PALM SPRINGS	11	90501	0.122	0.061	0.217	1.22
DOCTORS MED CTR, MODESTO	11	145487	0.076	0.038	0.135	1.17
† EDEN MED CTR	1	51174	0.020	0.000	0.109	
EDEN MED CTR, CASTRO VALLEY						1.24
SAN LEANDRO HOSP						1.37
† ENLOE MED CTR	3	88613	0.034	0.007	0.099	
ENLOE REHABILITATION CTR, CHICO						
ENLOE MED CTR, COHASSET, CHICO						
ENLOE MED CTR, ESPLANADE, CHICO						1.27
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	5	68751	0.073	0.024	0.170	1.11
HUNTINGTON MEMORIAL HOSP, PASADENA	67	176741	0.379	0.294	0.481	1.24
JOHN MUIR MED CTR, WALNUT CREEK	9	117490	0.077	0.035	0.145	1.32
LAC+USC MED CTR, LOS ANGELES	34	222710	0.153	0.106	0.213	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	3	23327	0.129	0.027	0.376	1.32
† LOMA LINDA UNIVERSITY MED CTR	18	261082	0.069	0.041	0.109	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	10	137674	0.073	0.035	0.134	1.45
MEMORIAL MED CTR, MODESTO	2	129701	0.015	0.002	0.056	1.33
MERCY MED CTR REDDING	2	69274	0.029	0.003	0.104	1.40
MERCY SAN JUAN MED CTR, CARMICHAEL	1	103802	0.010	0.000	0.054	1.26
† MISSION HOSP REGIONAL MED CTR	0	114247	0.000	0.000	0.026	
MISSION HOSP REGIONAL MED CTR						1.15
MISSION HOSP LAGUNA BEACH						0.94
NORTHRIDGE HOSP MED CTR	3	109272	0.027	0.006	0.080	1.15
PALOMAR MED CTR, ESCONDIDO	4	102474	0.039	0.011	0.100	1.09
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS	1	113315	0.009	0.000	0.049	1.23
RADY CHILDREN'S HOSP, SAN DIEGO	5	87884	0.057	0.018	0.133	1.46
REGIONAL MED CTR OF SAN JOSE	11	72054	0.153	0.076	0.273	1.41
RIVERSIDE COMMUNITY HOSP	1	112171	0.009	0.000	0.050	1.27
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	5	115647	0.043	0.014	0.101	1.00
RONALD REAGAN UCLA MED CTR, LOS ANGELES	18	191983	0.094	0.056	0.148	1.89
SAINT FRANCIS MED CTR, LYNWOOD	4	71032	0.056	0.015	0.144	0.96
SAN FRANCISCO GENERAL HOSP	21	121322	0.173	0.107	0.265	1.14
SANTA BARBARA COTTAGE HOSP	3	110471	0.027	0.006	0.079	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	0	168923	0.000	0.000	0.018	1.05
‡ SANTA ROSA MEMORIAL HOSP						
SANTA ROSA MEMORIAL HOSP	2	77484	0.026	0.003	0.093	1.45
† SCRIPPS HEALTH	6	176583	0.034	0.012	0.074	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
SCRIPPS MEMORIAL HOSP, LA JOLLA	1	79327	0.013	0.000	0.070	1.32
SHARP MEMORIAL HOSP, SAN DIEGO	3	119764	0.025	0.005	0.073	1.76
ST MARY MED CTR, LONG BEACH	4	83671	0.048	0.013	0.122	1.06
STANFORD HOSP, STANFORD	3	169811	0.018	0.004	0.052	1.97

Table 4. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
SUTTER ROSEVILLE MED CTR	0	99801	0.000	0.000	0.030	1.15
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	16	212716	0.075	0.043	0.122	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	10	128820	0.078	0.037	0.143	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	14	165616	0.085	0.046	0.142	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
WESTERN MED CTR SANTA ANA	2	56333	0.036	0.004	0.128	1.12

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
† ADVENTIST HEALTH SYSTEMS	4	36502	0.110	0.030	0.281	
HANFORD COMMUNITY MED CTR						1.07
SELMA COMMUNITY HOSP						
ALAMEDA HOSP	0	13310	0.000	0.000	0.225	1.24
ALHAMBRA HOSP MED CTR	0	23819	0.000	0.000	0.126	1.40
† ALTA LOS ANGELES HOSPS, INC.	0	78402	0.000	0.000	0.038	
LOS ANGELES COMMUNITY HOSP						1.01
NORWALK COMMUNITY HOSP						1.41
† ALVARADO HOSP, LLC	4	55321	0.072	0.020	0.185	
ALVARADO HOSP CAMPUS #1, SAN DIEGO						1.57
ALVARADO HOSP CAMPUS #2, SAN DIEGO						
ANAHEIM GENERAL HOSP	0	9942	0.000	0.000	0.301	1.04
ANTELOPE VALLEY HOSP, LANCASTER	1	129816	0.008	0.000	0.043	0.97
ARROYO GRANDE COMMUNITY HOSP	0	12601	0.000	0.000	0.238	1.34
BAKERSFIELD HEART HOSP	1	19665	0.051	0.001	0.283	1.95
BAKERSFIELD MEMORIAL HOSP	5	93461	0.053	0.017	0.125	1.27
BALLARD REHAB HOSP, SAN BERNARDINO	2	15664	0.128	0.015	0.461	1.05
BANNER LASSEN MED CTR, SUSANVILLE	28	5091	5.500	3.655	7.949	0.79
BARLOW RESPIRATORY HOSP, LOS ANGELES	2	29009	0.069	0.008	0.249	3.44
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	2	11563	0.173	0.021	0.625	1.09
BEAR VALLEY COMMUNITY HOSP, BIG BEAR LAKE	0	1349	0.000	0.000	2.221	0.93
BELLFLOWER MED CTR	0	33239	0.000	0.000	0.090	0.77
BEVERLY HOSP, MONTEBELLO	0	39655	0.000	0.000	0.076	1.10
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	0	3247	0.000	0.000	0.923	1.02
BROTMAN MED CTR, CULVER CITY	1	32155	0.031	0.001	0.173	1.23
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	4	51898	0.077	0.021	0.197	1.07
† CATHOLIC HEALTHCARE WEST	2	67082	0.030	0.004	0.108	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						1.25
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						
† CATHOLIC HEALTHCARE WEST	3	79395	0.038	0.008	0.110	
MERCY HOSP, BAKERSFIELD						1.05
MERCY SOUTHWEST HOSP, BAKERSFIELD						
CENTINELA HOSP MED CTR, INGLEWOOD	1	87775	0.011	0.000	0.063	1.33
CENTRAL VALLEY GENERAL HOSP, HANFORD	1	18181	0.055	0.001	0.306	0.67
CHAPMAN MED CTR, ORANGE	0	17217	0.000	0.000	0.174	1.22
CHINESE HOSP, SAN FRANCISCO	2	13587	0.147	0.018	0.532	1.14
CHINO VALLEY MED CTR, CHINO	16	20771	0.770	0.440	1.251	1.33
† CITRUS VALLEY MED CTR, INC.	7	138924	0.050	0.020	0.104	
CITRUS VALLEY MED CTR, IC, COVINA						1.29
CITRUS VALLEY MED CTR, QV, WEST COVINA						0.93
CLOVIS COMMUNITY MED CTR	2	46752	0.043	0.005	0.155	0.88
COALINGA REGIONAL MED CTR	0	6779	0.000	0.000	0.442	0.83
COAST PLAZA HOSP, NORWALK	0	10114	0.000	0.000	0.296	1.20
COLLEGE HOSP COSTA MESA	0	46420	0.000	0.000	0.065	0.74
COLUSA REG MED CTR	0	3433	0.000	0.000	0.873	0.82
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK						
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	0	12061	0.000	0.000	0.248	
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY	2	55419	0.036	0.004	0.130	1.30
COMMUNITY HOSP OF SAN BERNARDINO	1	31365	0.032	0.001	0.178	0.90
COMMUNITY HOSP OF LONG BEACH	0	23074	0.000	0.000	0.130	1.08
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA	21	69383	0.303	0.187	0.463	1.23
CONTRA COSTA REGIONAL MED CTR, MARTINEZ	12	56020	0.214	0.111	0.374	0.83
DAMERON HOSP, STOCKTON	10	68145	0.147	0.070	0.270	1.08
DESERT VALLEY HOSP, VICTORVILLE	0	31128	0.000	0.000	0.096	1.29

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
DOCTORS HOSP OF MANTECA	1	23683	0.042	0.001	0.235	0.92
DOCTORS HOSP OF WEST COVINA, INC, WEST COVINA	0	1274	0.000	0.000	2.351	1.32
DOCTORS MED CTR, SAN PABLO	2	39283	0.051	0.006	0.184	1.55
DOWNEY REGIONAL MED CTR	3	50311	0.060	0.012	0.174	1.17
EAST VALLEY HOSP MED CTR, GLENDORA	0	16580	0.000	0.000	0.181	1.05
† EASTERN PLUMAS HEALTH CARE	0	2021	0.000	0.000	1.482	
EASTERN PLUMAS HOSP, PORTOLA						0.93
EISENHOWER MED CTR, RANCHO MIRAGE	2	49910	0.040	0.005	0.145	1.50
‡ EL CAMINO HOSP						
EL CAMINO HOSP, MOUNTAIN VIEW	4	90268	0.044	0.012	0.113	1.06
EMANUEL MED CTR INC, TURLOCK	2	50793	0.039	0.005	0.142	0.92
FAIRCHILD MED CTR, YREKA	0	6414	0.000	0.000	0.467	1.00
FAIRVIEW DEVELOPMENTAL CTR, COSTA MESA	0	1192	0.000	0.000	2.513	
FALLBROOK HOSP DISTRICT	2	9297	0.215	0.026	0.777	0.95
FEATHER RIVER HOSP, PARADISE	0	24905	0.000	0.000	0.120	1.15
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	0	26479	0.000	0.000	0.113	1.05
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	2	110671	0.018	0.002	0.065	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.23
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	6807	0.000	0.000	0.440	1.45
FRENCH HOSP MED CTR, SAN LUIS OBISPO	0	23349	0.000	0.000	0.128	1.27
FRESNO HEART AND SURGICAL HOSP	0	13587	0.000	0.000	0.220	2.26
FRESNO SURGICAL HOSP	0	5641	0.000	0.000	0.531	1.68
GARFIELD MED CTR, MONTEREY PARK	2	82446	0.024	0.003	0.088	1.07
GLENN MED CTR, WILLOWS	0	1410	0.000	0.000	2.125	0.84
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	0	19649	0.000	0.000	0.152	1.19
GOOD SAMARITAN HOSP, LOS ANGELES	0	104043	0.000	0.000	0.029	1.13
† GOOD SAMARITAN HOSP, LP	0	96667	0.000	0.000	0.031	
MISSION OAKS HOSP, LOS GATOS						
GOOD SAMARITAN HOSP, SAN JOSE						1.20
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	1	16295	0.061	0.002	0.342	1.08
GROSSMONT HOSP, LA MESA	0	148561	0.000	0.000	0.020	1.25
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER	2	9901	0.202	0.024	0.730	0.94
HEALTHSOUTH TUSTIN REHABILITATION HOSP	0	14238	0.000	0.000	0.210	1.08
HI-DESERT MED CTR, JOSHUA TREE	2	15042	0.133	0.016	0.480	1.02
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH	7	151144	0.046	0.019	0.095	1.32
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	2	35747	0.056	0.007	0.202	1.09
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	7	109114	0.064	0.026	0.132	1.06
HUNTINGTON BEACH HOSP	0	19953	0.000	0.000	0.150	1.19
JEROLD PHELPS COMMUNITY HOSP, GARBERVILLE	0	201	0.000	0.000	14.904	0.88
JOHN F. KENNEDY MEMORIAL HOSP, INDIO	1	38881	0.026	0.001	0.143	0.88
JOHN MUIR MED CTR, CONCORD	9	59635	0.151	0.069	0.286	1.72
KAISER FOUNDATION HOSP, ANTIOCH	2	42040	0.048	0.006	0.172	1.12
KAISER FOUNDATION HOSP, BALDWIN PARK	3	55354	0.054	0.011	0.158	1.04
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER	1	72798	0.014	0.000	0.077	1.07
KAISER FOUNDATION HOSP, FRESNO	4	37717	0.106	0.029	0.272	1.20
KAISER FOUNDATION HOSP, MORENO VALLEY	0	21961	0.000	0.000	0.136	0.79
KAISER FOUNDATION HOSP, PANORAMA CITY	0	72054	0.000	0.000	0.042	1.07
KAISER FOUNDATION HOSP, REDWOOD CITY	1	39507	0.025	0.001	0.141	1.35
KAISER FOUNDATION HOSP,SAN JOSE	1	69980	0.014	0.000	0.080	1.14
KAISER FOUNDATION HOSP, SAN RAFAEL	2	30189	0.066	0.008	0.239	1.28
KAISER FOUNDATION HOSP, SANTA ROSA	0	43480	0.000	0.000	0.069	1.08
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY	4	66980	0.060	0.016	0.153	1.11
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	1	31704	0.032	0.001	0.176	1.39

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	0	89747	0.000	0.000	0.033	1.13
KAISER FOUNDATION HOSP, WALNUT CREEK	4	87065	0.046	0.013	0.118	1.17
KAISER FOUNDATION HOSP, WEST LA, LOS ANGELES	6	64537	0.093	0.034	0.202	1.12
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, ANAHEIM	0	60300	0.000	0.000	0.050	1.06
KAISER FOUNDATION HOSP, IRVINE	3	46956	0.064	0.013	0.187	
† KAISER FOUNDATION HOSPS	3	86128	0.035	0.007	0.102	
KAISER FOUNDATION HOSP, FREMONT						1.36
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.01
† KAISER FOUNDATION HOSPS	1	40758	0.025	0.001	0.137	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.32
KAWEAH DELTA MED CTR, VISALIA	13	132005	0.098	0.052	0.168	1.26
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	1	22862	0.044	0.001	0.244	1.97
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	4452	0.000	0.000	0.673	0.98
KINDRED HOSP, BREA	1	19024	0.053	0.001	0.293	2.20
KINDRED HOSP, LOS ANGELES	2	35088	0.057	0.007	0.206	3.13
KINDRED HOSP, ONTARIO	0	36192	0.000	0.000	0.083	3.09
KINDRED HOSP, SACRAMENTO, FOLSOM	0	13669	0.000	0.000	0.219	2.38
KINDRED HOSP, SAN DIEGO	3	20175	0.149	0.031	0.435	2.32
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO	3	25393	0.118	0.024	0.345	3.05
LAC/RANCHO LOS AMIGOS NATIONAL REHAB CTR, DOWNEY	0	81981	0.000	0.000	0.037	1.38
LAGUNA HONDA HOSP & REHAB CTR, SAN FRANCISCO	9	1488	6.048	2.766	11.482	1.15
LAKEWOOD REGIONAL MED CTR	0	48263	0.000	0.000	0.062	1.41
LANCASTER COMMUNITY HOSP	4	34672	0.115	0.031	0.295	1.35
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	1925	0.000	0.000	1.556	
† LODI MEMORIAL HOSP ASSOCIATION, INC.	1	44692	0.022	0.001	0.125	
LODI MEMORIAL HOSP (1RH)						0.98
LODI MEMORIAL HOSP-WEST						
LOMPOC VALLEY MED CTR	0	10288	0.000	0.000	0.291	1.00
LOS ALAMITOS MED CTR	3	54161	0.055	0.011	0.162	1.03
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	0	87411	0.000	0.000	0.034	1.08
LOS ANGELES METROPOLITAN MED CTR	1	51152	0.020	0.000	0.109	0.78
† LOS ROBLES REGIONAL MED CTR	3	94629	0.032	0.007	0.093	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						1.34
MAD RIVER COMMUNITY HOSP, ARCATA	0	11929	0.000	0.000	0.251	0.92
MAMMOTH HOSP	0	2466	0.000	0.000	1.215	1.09
MARIAN MED CTR, SANTA MARIA	0	53841	0.000	0.000	0.056	1.06
MARIN GENERAL HOSP, GREENBRAE	1	45624	0.022	0.001	0.122	1.21
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS	0	7189	0.000	0.000	0.417	1.14
MARSHALL MED CTR (1-RH), PLACERVILLE	1	22673	0.044	0.001	0.246	1.15
MAYERS MEMORIAL HOSP, FALL RIVER MILLS	0	2452	0.000	0.000	1.222	0.88
MEMORIAL HOSP OF GARDENA	1	31304	0.032	0.001	0.178	1.07
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	0	5155	0.000	0.000	0.581	1.04
MENIFEE VALLEY MED CTR, SUN CITY	2	19903	0.100	0.012	0.363	1.22
MENLO PARK SURGICAL HOSP	0	759	0.000	0.000	3.947	1.25
MERCY GENERAL HOSP, SACRAMENTO	0	103313	0.000	0.000	0.029	1.56
MERCY HOSP OF FOLSOM	0	22197	0.000	0.000	0.135	0.98
MERCY MED CTR MT. SHASTA	0	4563	0.000	0.000	0.657	1.23
METHODIST HOSP OF SOUTHERN CA, ARCADIA	3	90607	0.033	0.007	0.097	1.24
† MILLS-PENINSULA HEALTH SERVICES	4	83652	0.048	0.013	0.122	
MILLS HEALTH CTR, SAN MATEO						
PENINSULA MED CTR, BURLINGAME						1.18
MIRACLE MILE MED CTR, LOS ANGELES	0	652	0.000	0.000	4.595	3.14

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
MONROVIA MEMORIAL HOSP	0	6169	0.000	0.000	0.486	
MONTEREY PARK HOSP	0	23915	0.000	0.000	0.125	0.84
MONTCLAIR HOSP MED CTR	18	17706	1.017	0.603	1.607	1.01
MOTION PICTURE & TELEVISION HOSP, WOODLAND HILLS	0	1949	0.000	0.000	1.537	0.97
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	1725	0.000	0.000	1.737	0.74
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	1	31232	0.032	0.001	0.178	1.01
NORTHBAY VACAVALLEY HOSP	0	16898	0.000	0.000	0.177	1.28
NORTHERN CA REHAB HOSP, REDDING	7	21037	0.333	0.134	0.686	1.46
NORTHERN INYO HOSP, BISHOP	0	4513	0.000	0.000	0.664	0.91
NOVATO COMMUNITY HOSP	0	8292	0.000	0.000	0.361	1.41
OJAI VALLEY COMMUNITY HOSP, OJAI	4	3491	1.146	0.312	2.934	1.17
OLYMPIA MED CTR, LOS ANGELES	9	42951	0.210	0.096	0.398	1.50
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY	1	58661	0.017	0.000	0.095	1.14
OROVILLE HOSP	4	47828	0.084	0.023	0.214	1.09
PACIFIC ALLIANCE MED CTR	5	37156	0.135	0.044	0.314	0.89
PACIFIC HOSP OF LONG BEACH	1	54403	0.018	0.000	0.102	1.06
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	1	68720	0.015	0.000	0.081	0.83
PALM DRIVE HOSP, SEBASTOPOL	0	6237	0.000	0.000	0.480	1.35
PALO VERDE HOSP, BLYTHE	0	7235	0.000	0.000	0.414	0.83
PARADISE VALLEY HOSP, NATIONAL CITY	15	60808	0.247	0.138	0.407	0.99
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	3	48197	0.062	0.013	0.182	1.00
PATIENTS' HOSP OF REDDING	0	843	0.000	0.000	3.554	1.17
PLACENTIA LINDA HOSP	0	17556	0.000	0.000	0.171	1.20
POMERADO HOSP, POWAY	0	32958	0.000	0.000	0.091	1.06
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO	1	51233	0.020	0.000	0.109	1.04
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE	0	71214	0.000	0.000	0.042	1.14
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	3	120961	0.025	0.005	0.072	1.17
PROVIDENCE TARZANA MED CTR, TARZANA	7	74259	0.094	0.038	0.194	1.15
QUEEN OF THE VALLEY MED CTR, NAPA	1	54145	0.018	0.000	0.103	1.38
RANCHO SPECIALTY HOSP, RANCHO CUCAMONGA	2	22872	0.087	0.011	0.316	2.55
REDLANDS COMMUNITY HOSP	1	64023	0.016	0.000	0.087	1.07
REDWOOD MEMORIAL HOSP, FORTUNA	0	8208	0.000	0.000	0.365	0.96
RIDGECREST REGIONAL HOSP	0	15739	0.000	0.000	0.190	1.06
† SADDLEBACK MEMORIAL MED CTR	2	91136	0.022	0.003	0.079	
SADDLEBACK MEMORIAL MED CTR						1.20
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE						1.14
SAINT AGNES MED CTR, FRESNO	17	136446	0.125	0.073	0.199	1.24
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	2	41841	0.048	0.006	0.173	1.42
SAINT JOHN'S HEALTH CTR, SANTA MONICA	5	77905	0.064	0.021	0.150	1.45
SAINT LOUISE REGIONAL HOSP, GILROY	0	15878	0.000	0.000	0.189	0.96
SAINT VINCENT MED CTR, LOS ANGELES	0	55413	0.000	0.000	0.054	1.64
SALINAS VALLEY MEMORIAL HOSP	0	64442	0.000	0.000	0.046	1.19
SAN ANTONIO COMMUNITY HOSP, UPLAND	2	77674	0.026	0.003	0.093	1.24
SAN DIMAS COMMUNITY HOSP	2	15522	0.129	0.016	0.465	1.09
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	1	46663	0.021	0.001	0.119	1.03
SAN GORGONIO MEMORIAL HOSP, BANNING	0	16684	0.000	0.000	0.180	1.03
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	1	84095	0.012	0.000	0.066	1.06
SAN JOAQUIN VALLEY REHAB HOSP, FRESNO	0	15961	0.000	0.000	0.188	1.07
† SAN RAMON REGIONAL MED CTR, INC.	0	27341	0.000	0.000	0.110	
SAN RAMON REGIONAL MED CTR						1.28
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC	6	95442	0.063	0.023	0.137	1.27
SANTA YNEZ VALLEY COTTAGE HOSP, SOLVANG	0	1206	0.000	0.000	2.484	0.96
SCRIPPS MEMORIAL HOSP, ENCINITAS	4	55133	0.073	0.020	0.186	1.15

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
SENECA HEALTHCARE DISTRICT, CHESTER	0	824	0.000	0.000	3.636	0.95
SEQUOIA HOSP, REDWOOD CITY	3	43145	0.070	0.014	0.203	1.36
† SETON MED CTR	3	59014	0.051	0.010	0.149	
SETON MED CTR, DALY CITY						1.47
SETON MED CTR, COASTSIDE, MOSS BEACH						1.08
SHARP CHULA VISTA MED CTR	4	85345	0.047	0.013	0.120	1.17
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	10983	0.000	0.000	0.273	1.54
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	0	66544	0.000	0.000	0.045	0.65
SHASTA REGIONAL MED CTR, REDDING	2	37125	0.054	0.007	0.195	1.57
SIERRA KINGS DISTRICT HOSP, REEDLEY	0	9537	0.000	0.000	0.314	0.61
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	2	31045	0.064	0.008	0.233	1.10
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	2	40454	0.049	0.006	0.179	0.93
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO	3	37211	0.081	0.017	0.236	1.18
SILVER LAKE MED CTR, LOS ANGELES	0	10273	0.000	0.000	0.292	1.09
SIMI VALLEY HOSP & HEALTH CARE SERVICES	4	58315	0.069	0.019	0.176	1.18
SONOMA DEVELOPMENTAL CTR, ELDRIDGE	0	959	0.000	0.000	3.124	
SONOMA VALLEY HOSP	0	6989	0.000	0.000	0.429	1.15
‡ SONORA REGIONAL MED CTR						
SONORA REGIONAL MED CTR	3	21809	0.138	0.028	0.402	1.16
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.						
KINDRED HOSP, SAN GABRIEL VALLEY, WEST COVINA	1	16320	0.061	0.002	0.341	
KINDRED HOSP, LA MIRADA	3	30757	0.098	0.020	0.285	2.00
KINDRED HOSP, SANTA ANA	1	21562	0.046	0.001	0.258	
‡ SRM ALLIANCE HOSP SERVICES						
PETALUMA VALLEY HOSP	0	12920	0.000	0.000	0.232	1.14
ST BERNARDINE MED CTR	11	94776	0.116	0.058	0.208	1.55
ST HELENA HOSP, CLEARLAKE	0	8275	0.000	0.000	0.362	0.99
ST HELENA HOSP, ST HELENA	1	5434	0.184	0.005	1.025	1.36
ST JOHN'S PLEASANT VALLEY HOSP, ARILLO	0	15497	0.000	0.000	0.193	1.35
ST JOHN'S REGIONAL MED CTR, OXNARD	1	74116	0.013	0.000	0.075	1.34
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	13	35571	0.365	0.195	0.625	1.39
THE GENERAL HOSP, EUREKA	0	2634	0.000	0.000	1.137	
ST JOSEPH HOSP, ORANGE	1	95408	0.010	0.000	0.058	1.22
ST JOSEPH'S MED CTR OF STOCKTON	5	107305	0.047	0.015	0.109	1.28
ST MARY MED CTR, APPLE VALLEY	0	75073	0.000	0.000	0.040	1.07
ST ROSE HOSP, HAYWARD	6	54155	0.111	0.041	0.241	1.15
STANISLAUS SURGICAL HOSP, MODESTO	0	3041	0.000	0.000	0.985	1.49
SUTTER AMADOR HOSP, JACKSON	0	10331	0.000	0.000	0.290	1.01
SUTTER AUBURN FAITH HOSP, AUBURN	0	16249	0.000	0.000	0.184	1.22
SUTTER COAST HOSP, CRESCENT CITY	0	9895	0.000	0.000	0.303	1.11
SUTTER DAVIS HOSPITAL, DAVIS	2	10477	0.191	0.023	0.690	0.92
SUTTER DELTA MED CTR, ANTIOCH	2	40684	0.049	0.006	0.178	1.06
† SUTTER EAST BAY HOSPS CTR	16	194149	0.082	0.047	0.134	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.91
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.82
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND						1.79
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND						
† SUTTER HEALTH SACRAMENTO SIERRA REGION	5	183461	0.027	0.009	0.064	
SUTTER GENERAL HOSP, SACRAMENTO						1.53
SUTTER MEMORIAL HOSP, SACRAMENTO						1.21
SUTTER MED CTR OF SANTA ROSA	1	3196	0.313	0.008	1.743	1.18
SUTTER SOLANO MED CTR, VALLEJO	0	24444	0.000	0.000	0.123	1.07
SUTTER TRACY COMMUNITY HOSP, TRACY	11	21368	0.515	0.257	0.921	0.98
TAHOE FOREST HOSP, TRUCKEE	0	6848	0.000	0.000	0.437	0.97

Table 5. Crude rates of healthcare-associated methicillin-resistant *Staphylococcus aureus* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
TEMPLE COMMUNITY HOSP, LOS ANGELES	1	15970	0.063	0.002	0.349	1.10
† THE FREMONT-RIDEOUT HEALTH GROUP	6	65567	0.092	0.034	0.199	
FREMONT MED CTR, YUBA CITY						0.82
RIDEOUT MEMORIAL HOSP, MARYSVILLE						1.51
THOUSAND OAKS SURGICAL HOSP	0	2119	0.000	0.000	1.414	1.36
TORRANCE MEMORIAL MED CTR, TORRANCE	4	116416	0.034	0.009	0.088	1.18
TRI-CITY MED CTR, OCEANSIDE	3	92662	0.032	0.007	0.095	1.15
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	1	24371	0.041	0.001	0.229	1.40
TRINITY HOSP, WEAVERVILLE	0	1992	0.000	0.000	1.504	0.98
TULARE DISTRICT HOSP	1	27082	0.037	0.001	0.206	0.90
TWIN CITIES COMMUNITY HOSP, TEMPLETON	1	32817	0.030	0.001	0.170	1.06
† UHS-CORONA, INC.	2	54061	0.037	0.004	0.134	
CORONA REGIONAL MED CTR, CAMPUS #1						0.92
CORONA REGIONAL MED CTR, CAMPUS #2						
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	12412	0.000	0.000	0.241	1.01
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	4	76830	0.052	0.014	0.133	
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						1.04
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES	2	14175	0.141	0.017	0.510	1.74
VALLEY PRESBYTERIAN HOSP, VAN NUYS	4	85513	0.047	0.013	0.120	0.97
VALLEYCARE MED CTR, PLEASANTON	0	44056	0.000	0.000	0.068	1.20
VERDUGO HILLS HOSP, GLENDALE	1	38607	0.026	0.001	0.144	1.04
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	5	26089	0.192	0.062	0.447	1.66
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE	1	21569	0.046	0.001	0.258	0.89
VISTA HOSP OF RIVERSIDE, PERRIS	0	15195	0.000	0.000	0.197	2.83
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK	2	27762	0.072	0.009	0.260	2.59
VISTA HOSP OF SOUTH BAY, GARDENA	0	43957	0.000	0.000	0.068	2.37
WASHINGTON HOSP, FREMONT	1	63048	0.016	0.000	0.088	1.26
WATSONVILLE COMMUNITY HOSP	4	28008	0.143	0.039	0.366	0.97
WEST ANAHEIM MED CTR, ANAHEIM	1	42475	0.024	0.001	0.131	1.44
WEST HILLS HOSP AND MED CTR	7	43394	0.161	0.065	0.332	1.27
WESTERN MED CTR ANAHEIM	9	54031	0.167	0.076	0.316	0.80
WHITTIER HOSP MED CTR	2	43190	0.046	0.006	0.167	0.92
WOODLAND MEMORIAL HOSP	1	12220	0.082	0.002	0.456	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 6. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
† ALAMEDA COUNTY MED CTR	10	54378	0.184	0.088	0.338	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
ARROWHEAD RGN MED CTR, COLTON	1	176358	0.006	0.000	0.032	1.00
‡ CATHOLIC HEALTHCARE WEST						
MERCY MED CTR MERCED, COMMUNITY	1	49028	0.020	0.001	0.114	1.00
CEDARS-SINAI MED CTR, LOS ANGELES	18	358727	0.050	0.030	0.079	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	0	69528	0.000	0.000	0.043	1.26
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	0	77419	0.000	0.000	0.039	1.40
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	21	71399	0.294	0.182	0.450	2.11
COMMUNITY REGIONAL MED CTR, FRESNO	32	218880	0.146	0.100	0.206	1.20
† COUNTY OF VENTURA	1	66695	0.015	0.000	0.084	
VENTURA COUNTY MED CTR						0.95
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DOCTORS MED CTR, MODESTO	6	145487	0.041	0.015	0.090	1.17
GLENDALE ADVENTIST MED CTR	5	139092	0.036	0.012	0.084	1.17
HUNTINGTON MEMORIAL HOSP, PASADENA	9	176741	0.051	0.023	0.097	1.24
KAISER FOUNDATION HOSP, FONTANA	7	173913	0.040	0.016	0.083	1.09
KAISER FOUNDATION HOSP, RIVERSIDE	1	64819	0.015	0.000	0.086	1.03
KAISER FOUNDATION HOSP, SAN DIEGO	3	158892	0.019	0.004	0.055	1.11
KAISER FOUNDATION HOSP, SAN FRANCISCO	1	95262	0.010	0.000	0.058	1.43
KAISER FOUNDATION HOSP, SANTA CLARA	0	134490	0.000	0.000	0.022	
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	1	53118	0.019	0.000	0.105	1.00
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	8	140549	0.057	0.025	0.112	1.61
KAISER FOUNDATION HOSP, WOODLAND HILLS	1	64089	0.016	0.000	0.087	1.26
† KAISER FOUNDATION HOSPS	3	107234	0.028	0.006	0.082	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.34
KAISER FOUNDATION HOSP, RICHMOND						1.36
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	0	84353	0.000	0.000	0.036	
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	3	73224	0.041	0.008	0.120	1.27
LAC+USC MED CTR, LOS ANGELES	15	222710	0.067	0.038	0.111	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	1	23327	0.043	0.001	0.239	1.32
† LOMA LINDA UNIVERSITY MED CTR	21	261082	0.080	0.050	0.123	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	2	137674	0.015	0.002	0.052	1.45
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	4	120378	0.033	0.009	0.085	1.24
MERCY MED CTR REDDING	0	69274	0.000	0.000	0.043	1.40
METHODIST HOSP OF SACRAMENTO	0	43959	0.000	0.000	0.068	1.12
NATIVIDAD MED CTR, SALINAS	0	38914	0.000	0.000	0.077	0.84
NORTHRIDGE HOSP MED CTR	5	109272	0.046	0.015	0.107	1.15
O'CONNOR HOSP, SAN JOSE	1	79630	0.013	0.000	0.070	1.01
POMONA VALLEY HOSP MED CTR, POMONA	0	153583	0.000	0.000	0.020	1.10
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	0	73297	0.000	0.000	0.041	1.18
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	10	115647	0.086	0.041	0.159	1.00
SAN FRANCISCO GENERAL HOSP	7	121322	0.058	0.023	0.119	1.14
SAN JOAQUIN GENERAL HOSP, FRENCH P	0	46666	0.000	0.000	0.064	1.00
SAN MATEO MED CTR	2	17766	0.113	0.014	0.407	1.11
SANTA BARBARA COTTAGE HOSP	4	110471	0.036	0.010	0.093	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	3	168923	0.018	0.004	0.052	1.05
SCRIPPS GREEN HOSP, LA JOLLA	0	49139	0.000	0.000	0.061	1.76

Table 6. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
† SCRIPPS HEALTH	6	176583	0.034	0.012	0.074	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
ST MARY MED CTR, LONG BEACH	0	83671	0.000	0.000	0.036	1.06
ST MARY'S MED CTR, SAN FRANCISCO	0	54157	0.000	0.000	0.055	1.48
STANFORD HOSP, STANFORD	16	169811	0.094	0.054	0.153	1.97
† SUTTER WEST BAY HOSPS	10	237391	0.042	0.020	0.077	
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO						
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO						1.25
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	23	212716	0.108	0.069	0.162	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	6	128820	0.047	0.017	0.101	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	31	165616	0.187	0.127	0.266	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	32	239380	0.134	0.091	0.189	
UCSF MED CTR, SAN FRANCISCO						1.84
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO						
USC UNIVERSITY HOSP, LOS ANGELES	12	70026	0.171	0.089	0.299	2.39
WHITE MEMORIAL MED CTR, LOS ANGELES	12	119237	0.101	0.052	0.176	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 7. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infection reported by California pediatric hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	0	69528	0.000	0.000	0.043	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	0	14231	0.000	0.000	0.211	1.14
CHILDREN'S HOSP CENTRAL CA, MADERA	0	99328	0.000	0.000	0.030	1.49
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	0	77419	0.000	0.000	0.039	1.40
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	1	85921	0.012	0.000	0.065	0.85
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	2242	0.000	0.000	1.336	1.18
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	4	120378	0.033	0.009	0.085	1.24
RADY CHILDREN'S HOSP, SAN DIEGO	0	87884	0.000	0.000	0.034	1.46
SHRINERS HOSPS FOR CHILDREN, LOS ANGELES	0	6461	0.000	0.000	0.464	1.32
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO	0	12720	0.000	0.000	0.236	2.13
ST JUDE MED CTR, FULLERTON	1	90167	0.011	0.000	0.062	1.28

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 8. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
† ALAMEDA COUNTY MED CTR	10	54378	0.184	0.088	0.338	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
ARROWHEAD RGN MED CTR, COLTON	1	176358	0.006	0.000	0.032	1.00
CEDARS-SINAI MED CTR, LOS ANGELES	18	358727	0.050	0.030	0.079	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	0	69528	0.000	0.000	0.043	1.26
CHILDRENS HOSP OF LOS ANGELES	2	109502	0.018	0.002	0.066	1.84
COMMUNITY REGIONAL MED CTR, FRESNO	32	218880	0.146	0.100	0.206	1.20
DESERT REGIONAL MED CTR, PALM SPRINGS	3	90501	0.033	0.007	0.097	1.22
DOCTORS MED CTR, MODESTO	6	145487	0.041	0.015	0.090	1.17
† EDEN MED CTR	1	51174	0.020	0.000	0.109	
EDEN MED CTR, CASTRO VALLEY						1.24
SAN LEANDRO HOSP						1.37
† ENLOE MED CTR	0	88613	0.000	0.000	0.034	
ENLOE REHABILITATION CTR, CHICO						
ENLOE MED CTR, COHASSET, CHICO						
ENLOE MED CTR, ESPLANADE, CHICO						1.27
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	3	68751	0.044	0.009	0.128	1.11
HUNTINGTON MEMORIAL HOSP, PASADENA	9	176741	0.051	0.023	0.097	1.24
JOHN MUIR MED CTR, WALNUT CREEK	1	94599	0.011	0.000	0.059	1.32
LAC+USC MED CTR, LOS ANGELES	15	222710	0.067	0.038	0.111	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	1	23327	0.043	0.001	0.239	1.32
† LOMA LINDA UNIVERSITY MED CTR	21	261082	0.080	0.050	0.123	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	2	137674	0.015	0.002	0.052	1.45
MEMORIAL MED CTR, MODESTO	0	129701	0.000	0.000	0.023	1.33
MERCY MED CTR REDDING	0	69274	0.000	0.000	0.043	1.40
MERCY SAN JUAN MED CTR, CARMICHAEL	1	103802	0.010	0.000	0.054	1.26
† MISSION HOSP REGIONAL MED CTR	0	114247	0.000	0.000	0.026	
MISSION HOSP REGIONAL MED CTR						1.15
MISSION HOSP LAGUNA BEACH						0.94
NORTHRIDGE HOSP MED CTR	5	109272	0.046	0.015	0.107	1.15
PALOMAR MED CTR, ESCONDIDO	2	102474	0.020	0.002	0.071	1.09
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS	3	113315	0.026	0.005	0.077	1.23
RADY CHILDREN'S HOSP, SAN DIEGO	0	87884	0.000	0.000	0.034	1.46
REGIONAL MED CTR OF SAN JOSE	4	72054	0.056	0.015	0.142	1.41
RIVERSIDE COMMUNITY HOSP	5	112171	0.045	0.014	0.104	1.27
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	10	115647	0.086	0.041	0.159	1.00
RONALD REAGAN UCLA MED CTR, LOS ANGELES	37	191983	0.193	0.136	0.266	1.89
SAINT FRANCIS MED CTR, LYNWOOD	1	71032	0.014	0.000	0.078	0.96
SAN FRANCISCO GENERAL HOSP	7	121322	0.058	0.023	0.119	1.14
SANTA BARBARA COTTAGE HOSP	4	110471	0.036	0.010	0.093	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	3	168923	0.018	0.004	0.052	1.05
‡ SANTA ROSA MEMORIAL HOSP						
SANTA ROSA MEMORIAL HOSP	1	77484	0.013	0.000	0.072	1.45
† SCRIPPS HEALTH	6	176583	0.034	0.012	0.074	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
SCRIPPS MEMORIAL HOSP, LA JOLLA	4	79327	0.050	0.014	0.129	1.32
SHARP MEMORIAL HOSP, SAN DIEGO	0	119764	0.000	0.000	0.025	1.76
ST MARY MED CTR, LONG BEACH	0	83671	0.000	0.000	0.036	1.06

Table 8. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient		Lower	Upper	
		Days	Rate			
STANFORD HOSP, STANFORD	16	169811	0.094	0.054	0.153	1.97
SUTTER ROSEVILLE MED CTR	0	99801	0.000	0.000	0.030	1.15
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	23	212716	0.108	0.069	0.162	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	6	128820	0.047	0.017	0.101	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	31	165616	0.187	0.127	0.266	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
WESTERN MED CTR SANTA ANA	1	56333	0.018	0.000	0.099	1.12

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Inpatient Days	Rate	Lower	Upper	
† ADVENTIST HEALTH SYSTEMS	1	46471	0.022	0.001	0.120	
HANFORD COMMUNITY MED CTR						1.07
SELMA COMMUNITY HOSP						
ALAMEDA HOSP	0	13310	0.000	0.000	0.225	1.24
ALHAMBRA HOSP MED CTR	1	23819	0.042	0.001	0.234	1.40
† ALTA LOS ANGELES HOSPS, INC.	1	78402	0.013	0.000	0.071	
LOS ANGELES COMMUNITY HOSP						1.01
NORWALK COMMUNITY HOSP						1.41
† ALVARADO HOSP, LLC	8	55321	0.145	0.062	0.285	
ALVARADO HOSP CAMPUS #1, SAN DIEGO						1.57
ALVARADO HOSP CAMPUS #2, SAN DIEGO						
ANAHEIM GENERAL HOSP	0	9942	0.000	0.000	0.301	1.04
ANTELOPE VALLEY HOSP, LANCASTER	4	129816	0.031	0.008	0.079	0.97
ARROYO GRANDE COMMUNITY HOSP	0	12601	0.000	0.000	0.238	1.34
BAKERSFIELD HEART HOSP	1	19665	0.051	0.001	0.283	1.95
BAKERSFIELD MEMORIAL HOSP	2	93461	0.021	0.003	0.077	1.27
BALLARD REHAB HOSP, SAN BERNARDINO	0	15664	0.000	0.000	0.191	1.05
BANNER LASSEN MED CTR, SUSANVILLE	0	5089	0.000	0.000	0.589	0.79
BARLOW RESPIRATORY HOSP, LOS ANGELES	7	29009	0.241	0.097	0.497	3.44
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	1	11563	0.086	0.002	0.482	1.09
BEAR VALLEY COMMUNITY HOSP, BIG BEAR LAKE	0	1349	0.000	0.000	2.221	0.93
BELLFLOWER MED CTR	0	33239	0.000	0.000	0.090	0.77
BEVERLY HOSP, MONTEBELLO	2	39655	0.050	0.006	0.182	1.10
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	0	3227	0.000	0.000	0.928	1.02
BROTMAN MED CTR, CULVER CITY	0	32155	0.000	0.000	0.093	1.23
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	2	51898	0.039	0.005	0.139	1.07
† CATHOLIC HEALTHCARE WEST	3	67082	0.045	0.009	0.131	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						1.25
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						
† CATHOLIC HEALTHCARE WEST	3	79395	0.038	0.008	0.110	
MERCY HOSP, BAKERSFIELD						1.05
MERCY SOUTHWEST HOSP, BAKERSFIELD						
CENTINELA HOSP MED CTR, INGLEWOOD	3	87775	0.034	0.007	0.100	1.33
CENTRAL VALLEY GENERAL HOSP, HANFORD	0	18181	0.000	0.000	0.165	0.67
CHAPMAN MED CTR, ORANGE	0	17217	0.000	0.000	0.174	1.22
CHINESE HOSP, SAN FRANCISCO	0	13587	0.000	0.000	0.220	1.14
CHINO VALLEY MED CTR, CHINO	0	20771	0.000	0.000	0.144	1.33
† CITRUS VALLEY MED CTR, INC.	12	138924	0.086	0.045	0.151	
CITRUS VALLEY MED CTR, IC, COVINA						1.29
CITRUS VALLEY MED CTR, QV, WEST COVINA						0.93
CLOVIS COMMUNITY MED CTR	2	46752	0.043	0.005	0.155	0.88
COALINGA REGIONAL MED CTR	0	6779	0.000	0.000	0.442	0.83
COAST PLAZA HOSP, NORWALK	1	10114	0.099	0.003	0.551	1.20
COLLEGE HOSP COSTA MESA	0	46420	0.000	0.000	0.065	0.74
COLUSA REG MED CTR	0	3433	0.000	0.000	0.873	0.82
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK						
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	0	12061	0.000	0.000	0.248	
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY	2	55419	0.036	0.004	0.130	1.30
COMMUNITY HOSP OF SAN BERNARDINO	0	31365	0.000	0.000	0.096	0.90
COMMUNITY HOSP OF LONG BEACH	0	23074	0.000	0.000	0.130	1.08
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA	1	86212	0.012	0.000	0.065	1.23
CONTRA COSTA REGIONAL MED CTR, MARTINEZ	0	56020	0.000	0.000	0.053	0.83
DAMERON HOSP, STOCKTON	3	68145	0.044	0.009	0.129	1.08
DESERT VALLEY HOSP, VICTORVILLE	0	31128	0.000	0.000	0.096	1.29
DOCTORS HOSP OF MANTECA	0	23683	0.000	0.000	0.126	0.92
DOCTORS HOSP OF WEST COVINA, INC, WEST COVINA	0	1274	0.000	0.000	2.351	1.32

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
DOCTORS MED CTR, SAN PABLO	0	39283	0.000	0.000	0.076	1.55
DOWNEY REGIONAL MED CTR	3	50311	0.060	0.012	0.174	1.17
EAST VALLEY HOSP MED CTR, GLENDORA	0	16580	0.000	0.000	0.181	1.05
† EASTERN PLUMAS HEALTH CARE	0	2021	0.000	0.000	1.482	
EASTERN PLUMAS HOSP, PORTOLA						0.93
EISENHOWER MED CTR, RANCHO MIRAGE	8	49910	0.160	0.069	0.316	1.50
‡ EL CAMINO HOSP						
EL CAMINO HOSP, MOUNTAIN VIEW	1	90268	0.011	0.000	0.062	1.06
EMANUEL MED CTR INC, TURLOCK	0	50793	0.000	0.000	0.059	0.92
FAIRCHILD MED CTR, YREKA	0	6414	0.000	0.000	0.467	1.00
FAIRVIEW DEVELOPMENTAL CTR, COSTA MESA	0	1192	0.000	0.000	2.513	
FALLBROOK HOSP DISTRICT	0	9297	0.000	0.000	0.322	0.95
FEATHER RIVER HOSP, PARADISE	0	24905	0.000	0.000	0.120	1.15
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	0	26479	0.000	0.000	0.113	1.05
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	2	110671	0.018	0.002	0.065	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.23
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	6807	0.000	0.000	0.440	1.45
FRENCH HOSP MED CTR, SAN LUIS OBISPO	0	23349	0.000	0.000	0.128	1.27
FRESNO HEART AND SURGICAL HOSP	1	13587	0.074	0.002	0.410	2.26
FRESNO SURGICAL HOSP	0	5641	0.000	0.000	0.531	1.68
GARFIELD MED CTR, MONTEREY PARK	4	82446	0.049	0.013	0.124	1.07
GLENN MED CTR, WILLOWS	0	1410	0.000	0.000	2.125	0.84
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	0	19649	0.000	0.000	0.152	1.19
GOOD SAMARITAN HOSP, LOS ANGELES	0	104043	0.000	0.000	0.029	1.13
† GOOD SAMARITAN HOSP, LP	1	120877	0.008	0.000	0.046	
MISSION OAKS HOSP, LOS GATOS						
GOOD SAMARITAN HOSP, SAN JOSE						1.20
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	0	16295	0.000	0.000	0.184	1.08
GROSSMONT HOSP, LA MESA	0	148561	0.000	0.000	0.020	1.25
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER	0	9901	0.000	0.000	0.303	0.94
HEALTHSOUTH TUSTIN REHABILITATION HOSP	0	14238	0.000	0.000	0.210	1.08
HI-DESERT MED CTR, JOSHUA TREE	0	15042	0.000	0.000	0.199	1.02
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH	2	151144	0.013	0.002	0.048	1.32
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	4	35717	0.112	0.031	0.287	1.09
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	4	109114	0.037	0.010	0.094	1.06
HUNTINGTON BEACH HOSP	1	22951	0.044	0.001	0.243	1.19
JEROLD PHELPS COMMUNITY HOSP, GARBERVILLE	0	201	0.000	0.000	14.904	0.88
JOHN F. KENNEDY MEMORIAL HOSP, INDIO	0	38881	0.000	0.000	0.077	0.88
JOHN MUIR MED CTR, CONCORD	3	59635	0.050	0.010	0.147	1.72
KAISER FOUNDATION HOSP, ANTIOCH	3	42040	0.071	0.015	0.209	1.12
KAISER FOUNDATION HOSP, BALDWIN PARK	1	55354	0.018	0.000	0.101	1.04
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER	6	72798	0.082	0.030	0.179	1.07
KAISER FOUNDATION HOSP, FRESNO	1	37717	0.027	0.001	0.148	1.20
KAISER FOUNDATION HOSP, MORENO VALLEY	0	21961	0.000	0.000	0.136	0.79
KAISER FOUNDATION HOSP, PANORAMA CITY	0	72054	0.000	0.000	0.042	1.07
KAISER FOUNDATION HOSP, REDWOOD CITY	0	39508	0.000	0.000	0.076	1.35
KAISER FOUNDATION HOSP,SAN JOSE	4	69980	0.057	0.016	0.146	1.14
KAISER FOUNDATION HOSP, SAN RAFAEL	0	30189	0.000	0.000	0.099	1.28
KAISER FOUNDATION HOSP, SANTA ROSA	2	43480	0.046	0.006	0.166	1.08
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY	3	66980	0.045	0.009	0.131	1.11
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	1	31704	0.032	0.001	0.176	1.39
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	3	89747	0.033	0.007	0.098	1.13
KAISER FOUNDATION HOSP, WALNUT CREEK	5	87065	0.057	0.019	0.134	1.17
KAISER FOUNDATION HOSP, WEST LA, LOS ANGELES	3	63874	0.047	0.010	0.137	1.12
‡ KAISER FOUNDATION HOSPS						

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
KAISER FOUNDATION HOSP, ANAHEIM	1	60300	0.017	0.000	0.092	1.06
KAISER FOUNDATION HOSP, IRVINE	1	46956	0.021	0.001	0.119	
† KAISER FOUNDATION HOSPS	1	86128	0.012	0.000	0.065	
KAISER FOUNDATION HOSP, FREMONT						1.36
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.01
† KAISER FOUNDATION HOSPS	0	40758	0.000	0.000	0.074	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.32
KAWEAH DELTA MED CTR, VISALIA	5	132005	0.038	0.012	0.088	1.26
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	0	22862	0.000	0.000	0.131	1.97
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	4452	0.000	0.000	0.673	0.98
KINDRED HOSP, BREA	1	19024	0.053	0.001	0.293	2.20
KINDRED HOSP, LOS ANGELES	9	35088	0.256	0.117	0.487	3.13
KINDRED HOSP, ONTARIO	0	36192	0.000	0.000	0.083	3.09
KINDRED HOSP, SACRAMENTO, FOLSOM	1	13669	0.073	0.002	0.408	2.38
KINDRED HOSP, SAN DIEGO	3	20175	0.149	0.031	0.435	2.32
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO	5	25383	0.197	0.064	0.460	3.05
LAC/RANCHO LOS AMIGOS NATIONAL REHAB CTR, DOWNEY	0	82236	0.000	0.000	0.036	1.38
LAGUNA HONDA HOSP & REHAB CTR, SAN FRANCISCO	0	1578	0.000	0.000	1.898	1.15
LAKEWOOD REGIONAL MED CTR	1	48263	0.021	0.001	0.115	1.41
LANCASTER COMMUNITY HOSP	1	34672	0.029	0.001	0.161	1.35
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	1925	0.000	0.000	1.556	
† LODI MEMORIAL HOSP ASSOCIATION, INC.	1	44692	0.022	0.001	0.125	
LODI MEMORIAL HOSP (1RH)						0.98
LODI MEMORIAL HOSP-WEST						
LOMPOC VALLEY MED CTR	0	10288	0.000	0.000	0.291	1.00
LOS ALAMITOS MED CTR	0	54161	0.000	0.000	0.055	1.03
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	1	87411	0.011	0.000	0.064	1.08
LOS ANGELES METROPOLITAN MED CTR	1	51152	0.020	0.000	0.109	0.78
† LOS ROBLES REGIONAL MED CTR	3	94629	0.032	0.007	0.093	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						1.34
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						
MAD RIVER COMMUNITY HOSP, ARCATA	0	11929	0.000	0.000	0.251	0.92
MAMMOTH HOSP	0	2466	0.000	0.000	1.215	1.09
MARIAN MED CTR, SANTA MARIA	4	75760	0.053	0.014	0.135	1.06
MARIN GENERAL HOSP, GREENBRAE	0	45624	0.000	0.000	0.066	1.21
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS	0	7189	0.000	0.000	0.417	1.14
MARSHALL MED CTR (1-RH), PLACERVILLE	0	22673	0.000	0.000	0.132	1.15
MAYERS MEMORIAL HOSP, FALL RIVER MILLS	0	2452	0.000	0.000	1.222	0.88
MEMORIAL HOSP OF GARDENA	2	31304	0.064	0.008	0.231	1.07
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	0	5155	0.000	0.000	0.581	1.04
MENLO PARK SURGICAL HOSP	0	759	0.000	0.000	3.947	1.25
MERCY GENERAL HOSP, SACRAMENTO	3	103313	0.029	0.006	0.085	1.56
MERCY HOSP OF FOLSOM	0	22197	0.000	0.000	0.135	0.98
MERCY MED CTR MT. SHASTA	0	4563	0.000	0.000	0.657	1.23
METHODIST HOSP OF SOUTHERN CA, ARCADIA	5	113806	0.044	0.014	0.103	1.24
† MILLS-PENINSULA HEALTH SERVICES	1	83652	0.012	0.000	0.067	
MILLS HEALTH CTR, SAN MATEO						
PENINSULA MED CTR, BURLINGAME						1.18
MIRACLE MILE MED CTR, LOS ANGELES	0	652	0.000	0.000	4.595	3.14
MONROVIA MEMORIAL HOSP	0	6169	0.000	0.000	0.486	
MONTEREY PARK HOSP	1	23915	0.042	0.001	0.233	0.84
MONTCLAIR HOSP MED CTR	3	17706	0.169	0.035	0.495	1.01
MOTION PICTURE & TELEVISION HOSP, WOODLAND HILLS	0	1949	0.000	0.000	1.537	0.97
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	1725	0.000	0.000	1.737	0.74
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	2	31232	0.064	0.008	0.231	1.01

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
NORTHBAY VACAVALLEY HOSP	1	16898	0.059	0.001	0.330	1.28
NORTHERN CA REHAB HOSP, REDDING	1	21037	0.048	0.001	0.265	1.46
NORTHERN INYO HOSP, BISHOP	0	4513	0.000	0.000	0.664	0.91
NOVATO COMMUNITY HOSP	0	8292	0.000	0.000	0.361	1.41
OJAI VALLEY COMMUNITY HOSP, OJAI	0	3491	0.000	0.000	0.858	1.17
OLYMPIA MED CTR, LOS ANGELES	13	35183	0.369	0.197	0.632	1.50
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY	1	58661	0.017	0.000	0.095	1.14
OROVILLE HOSP	1	47828	0.021	0.001	0.116	1.09
PACIFIC ALLIANCE MED CTR	2	37156	0.054	0.007	0.194	0.89
PACIFIC HOSP OF LONG BEACH	0	54403	0.000	0.000	0.055	1.06
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	0	68720	0.000	0.000	0.044	0.83
PALM DRIVE HOSP, SEBASTOPOL	0	6237	0.000	0.000	0.480	1.35
PALO VERDE HOSP, BLYTHE	0	7235	0.000	0.000	0.414	0.83
PARADISE VALLEY HOSP, NATIONAL CITY	0	60808	0.000	0.000	0.049	0.99
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	0	48197	0.000	0.000	0.062	1.00
PATIENTS' HOSP OF REDDING	0	843	0.000	0.000	3.554	1.17
PLACENTIA LINDA HOSP	0	17556	0.000	0.000	0.171	1.20
PLUMAS DISTRICT HOSP, QUINCY	0	1861	0.000	0.000	1.610	0.92
POMERADO HOSP, POWAY	0	32958	0.000	0.000	0.091	1.06
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO	1	42242	0.024	0.001	0.132	1.04
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE	0	71214	0.000	0.000	0.042	1.14
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	10	120959	0.083	0.040	0.152	1.17
PROVIDENCE TARZANA MED CTR, TARZANA	1	74259	0.013	0.000	0.075	1.15
QUEEN OF THE VALLEY MED CTR, NAPA	1	54145	0.018	0.000	0.103	1.38
RANCHO SPECIALTY HOSP, RANCHO CUCAMONGA	0	22872	0.000	0.000	0.131	2.55
REDLANDS COMMUNITY HOSP	0	64023	0.000	0.000	0.047	1.07
REDWOOD MEMORIAL HOSP, FORTUNA	0	8208	0.000	0.000	0.365	0.96
RIDGECREST REGIONAL HOSP	0	15739	0.000	0.000	0.190	1.06
† SADDLEBACK MEMORIAL MED CTR	4	91136	0.044	0.012	0.112	
SADDLEBACK MEMORIAL MED CTR						1.20
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE						1.14
SAINT AGNES MED CTR, FRESNO	10	136446	0.073	0.035	0.135	1.24
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	0	41841	0.000	0.000	0.072	1.42
SAINT JOHN'S HEALTH CTR, SANTA MONICA	5	77905	0.064	0.021	0.150	1.45
SAINT LOUISE REGIONAL HOSP, GILROY	0	15928	0.000	0.000	0.188	0.96
SAINT VINCENT MED CTR, LOS ANGELES	14	55413	0.253	0.138	0.424	1.64
SALINAS VALLEY MEMORIAL HOSP	2	64442	0.031	0.004	0.112	1.19
SAN ANTONIO COMMUNITY HOSP, UPLAND	0	77674	0.000	0.000	0.039	1.24
SAN DIMAS COMMUNITY HOSP	2	15522	0.129	0.016	0.465	1.09
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	1	46663	0.021	0.001	0.119	1.03
SAN GORGONIO MEMORIAL HOSP, BANNING	0	16684	0.000	0.000	0.180	1.03
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	1	84095	0.012	0.000	0.066	1.06
SAN JOAQUIN VALLEY REHAB HOSP, FRESNO	0	15961	0.000	0.000	0.188	1.07
† SAN RAMON REGIONAL MED CTR, INC.	0	27341	0.000	0.000	0.110	
SAN RAMON REGIONAL MED CTR						1.28
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC	8	95442	0.084	0.036	0.165	1.27
SANTA YNEZ VALLEY COTTAGE HOSP, SOLVANG	0	4713	0.000	0.000	0.636	0.96
SCRIPPS MEMORIAL HOSP, ENCINITAS	4	55133	0.073	0.020	0.186	1.15
SENECA HEALTHCARE DISTRICT, CHESTER	0	824	0.000	0.000	3.636	0.95
SEQUOIA HOSP, REDWOOD CITY	2	43145	0.046	0.006	0.167	1.36

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
† SETON MED CTR	4	59014	0.068	0.018	0.174	
SETON MED CTR, DALY CITY						1.47
SETON MED CTR, COASTSIDE, MOSS BEACH						1.08
SHARP CHULA VISTA MED CTR	2	85345	0.023	0.003	0.085	1.17
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	10983	0.000	0.000	0.273	1.54
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	0	66544	0.000	0.000	0.045	0.65
SHASTA REGIONAL MED CTR, REDDING	3	37125	0.081	0.017	0.236	1.57
SIERRA KINGS DISTRICT HOSP, REEDLEY	0	9537	0.000	0.000	0.314	0.61
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	0	31045	0.000	0.000	0.096	1.10
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	0	40454	0.000	0.000	0.074	0.93
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO	0	37211	0.000	0.000	0.081	1.18
SILVER LAKE MED CTR, LOS ANGELES	0	10273	0.000	0.000	0.292	1.09
SIMI VALLEY HOSP & HEALTH CARE SERVICES	1	58315	0.017	0.000	0.096	1.18
SONOMA DEVELOPMENTAL CTR, ELDRIDGE	0	959	0.000	0.000	3.124	
SONOMA VALLEY HOSP	0	6989	0.000	0.000	0.429	1.15
‡ SONORA REGIONAL MED CTR						
SONORA REGIONAL MED CTR	0	21809	0.000	0.000	0.137	1.16
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.						
KINDRED HOSP, SAN GABRIEL VALLEY, WEST COVINA	3	16320	0.184	0.038	0.537	
KINDRED HOSP, LA MIRADA	6	30757	0.195	0.072	0.425	2.00
KINDRED HOSP, SANTA ANA	1	21562	0.046	0.001	0.258	
‡ SRM ALLIANCE HOSP SERVICES						
PETALUMA VALLEY HOSP	0	12920	0.000	0.000	0.232	1.14
ST BERNARDINE MED CTR	10	94776	0.106	0.051	0.194	1.55
ST HELENA HOSP, CLEARLAKE	0	8275	0.000	0.000	0.362	0.99
ST HELENA HOSP, ST HELENA	0	5434	0.000	0.000	0.551	1.36
ST JOHN'S PLEASANT VALLEY HOSP, ARILLO	2	15497	0.129	0.016	0.466	1.35
ST JOHN'S REGIONAL MED CTR, OXNARD	3	74116	0.040	0.008	0.118	1.34
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	0	35571	0.000	0.000	0.084	1.39
THE GENERAL HOSP, EUREKA	0	2634	0.000	0.000	1.137	
ST JOSEPH HOSP, ORANGE	5	95408	0.052	0.017	0.122	1.22
ST JOSEPH'S MED CTR OF STOCKTON	0	107305	0.000	0.000	0.028	1.28
ST MARY MED CTR, APPLE VALLEY	2	75073	0.027	0.003	0.096	1.07
ST ROSE HOSP, HAYWARD	1	54155	0.018	0.000	0.103	1.15
STANISLAUS SURGICAL HOSP, MODESTO	0	3041	0.000	0.000	0.985	1.49
SUTTER AMADOR HOSP, JACKSON	0	10331	0.000	0.000	0.290	1.01
SUTTER AUBURN FAITH HOSP, AUBURN	0	16249	0.000	0.000	0.184	1.22
SUTTER COAST HOSP, CRESCENT CITY	0	9895	0.000	0.000	0.303	1.11
SUTTER DAVIS HOSPITAL, DAVIS	0	10477	0.000	0.000	0.286	0.92
SUTTER DELTA MED CTR, ANTIOCH	0	41284	0.000	0.000	0.073	1.06
† SUTTER EAST BAY HOSPS CTR	14	194149	0.072	0.039	0.121	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.91
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.82
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND						1.79
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND						
† SUTTER HEALTH SACRAMENTO SIERRA REGION	5	182893	0.027	0.009	0.064	
SUTTER GENERAL HOSP, SACRAMENTO						1.53
SUTTER MEMORIAL HOSP, SACRAMENTO						1.21
SUTTER MED CTR OF SANTA ROSA	2	3196	0.626	0.076	2.261	1.18
SUTTER SOLANO MED CTR, VALLEJO	0	24444	0.000	0.000	0.123	1.07
SUTTER TRACY COMMUNITY HOSP, TRACY	2	21368	0.094	0.011	0.338	0.98
TAHOE FOREST HOSP, TRUCKEE	0	6848	0.000	0.000	0.437	0.97
TEMPLE COMMUNITY HOSP, LOS ANGELES	0	15970	0.000	0.000	0.188	1.10

Table 9. Crude rates of healthcare-associated vancomycin-resistant *Enterococci* bloodstream infections reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 inpatient days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Inpatient			Lower	Upper	
	Cases	Days	Rate			
† THE FREMONT-RIDEOUT HEALTH GROUP	3	65567	0.046	0.009	0.134	
FREMONT MED CTR, YUBA CITY						0.82
RIDEOUT MEMORIAL HOSP, MARYSVILLE						1.51
THOUSAND OAKS SURGICAL HOSP	0	2119	0.000	0.000	1.414	1.36
TORRANCE MEMORIAL MED CTR, TORRANCE	3	116416	0.026	0.005	0.075	1.18
TRI-CITY MED CTR, OCEANSIDE	2	92662	0.022	0.003	0.078	1.15
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	1	24371	0.041	0.001	0.229	1.40
TRINITY HOSP, WEAVERVILLE	0	1992	0.000	0.000	1.504	0.98
TULARE DISTRICT HOSP	0	27082	0.000	0.000	0.111	0.90
TWIN CITIES COMMUNITY HOSP, TEMPLETON	0	32817	0.000	0.000	0.091	1.06
† UHS-CORONA, INC.	1	54061	0.018	0.000	0.103	
CORONA REGIONAL MED CTR, CAMPUS #1						0.92
CORONA REGIONAL MED CTR, CAMPUS #2						
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	12412	0.000	0.000	0.241	1.01
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	1	61040	0.016	0.000	0.091	
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						1.04
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES	5	14175	0.353	0.115	0.823	1.74
VALLEY PRESBYTERIAN HOSP, VAN NUYS	10	85513	0.117	0.056	0.215	0.97
VALLEYCARE MED CTR, PLEASANTON	0	44056	0.000	0.000	0.068	1.20
VERDUGO HILLS HOSP, GLENDALE	0	38607	0.000	0.000	0.078	1.04
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	2	25699	0.078	0.009	0.281	1.66
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE	1	21569	0.046	0.001	0.258	0.89
VISTA HOSP OF RIVERSIDE, PERRIS	0	15195	0.000	0.000	0.197	2.83
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK	0	27762	0.000	0.000	0.108	2.59
VISTA HOSP OF SOUTH BAY, GARDENA	3	43957	0.068	0.014	0.199	2.37
WASHINGTON HOSP, FREMONT	1	63048	0.016	0.000	0.088	1.26
WATSONVILLE COMMUNITY HOSP	0	28008	0.000	0.000	0.107	0.97
WEST ANAHEIM MED CTR, ANAHEIM	2	42475	0.047	0.006	0.170	1.44
WEST HILLS HOSP AND MED CTR	0	43394	0.000	0.000	0.069	1.27
WESTERN MED CTR ANAHEIM	0	54031	0.000	0.000	0.055	0.80
WHITTIER HOSP MED CTR	0	35032	0.000	0.000	0.086	0.92
WOODLAND MEMORIAL HOSP	0	12220	0.000	0.000	0.245	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 inpatient 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 10. Crude rates of central line associated bloodstream infections in intensive care units reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
ARROWHEAD RGN MED CTR, COLTON	24	8054	2.98	1.91	4.43	1.00
CALIFORNIA HOSP MED CTR, LOS ANGELES	3	4003	0.75	0.15	2.19	0.98
‡ CATHOLIC HEALTHCARE WEST						
MERCY MED CTR MERCED, COMMUNITY	3	3443	0.87	0.18	2.55	1.00
CEDARS-SINAI MED CTR, LOS ANGELES	18	25552	0.70	0.42	1.11	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	17	10506	1.62	0.94	2.59	1.26
CHILDRENS HOSP OF LOS ANGELES	9	10910	0.82	0.38	1.57	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	30	12864	2.33	1.57	3.33	1.40
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	12	5505	2.18	1.13	3.81	2.11
COMMUNITY REGIONAL MED CTR, FRESNO	52	19858	2.62	1.96	3.43	1.20
† COUNTY OF VENTURA	3	1999	1.50	0.31	4.39	
VENTURA COUNTY MED CTR						0.95
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DOCTORS MED CTR, MODESTO	3	6482	0.46	0.10	1.35	1.17
GLENDALE ADVENTIST MED CTR	6	5038	1.19	0.44	2.59	1.17
HUNTINGTON MEMORIAL HOSP, PASADENA	16	12181	1.31	0.75	2.13	1.24
KAISER FOUNDATION HOSP, RIVERSIDE	0	4586	0.00	0.00	0.65	1.03
KAISER FOUNDATION HOSP, SAN DIEGO	1	4888	0.20	0.01	1.14	1.11
KAISER FOUNDATION HOSP, SANTA CLARA	4	5775	0.69	0.19	1.77	
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	3	2167	1.38	0.29	4.05	1.00
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	36	20270	1.78	1.24	2.46	1.61
KAISER FOUNDATION HOSP, WOODLAND HILLS	1	1738	0.58	0.01	3.21	1.26
† KAISER FOUNDATION HOSPS	17	8709	1.95	1.14	3.13	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.34
KAISER FOUNDATION HOSP, RICHMOND						1.36
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	8	7642	1.05	0.45	2.06	
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	6	6400	0.94	0.34	2.04	1.27
LAC+USC MED CTR, LOS ANGELES	34	22156	1.53	1.06	2.14	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	24	10729	2.24	1.43	3.33	1.32
† LOMA LINDA UNIVERSITY MED CTR	147	58321	2.52	2.13	2.96	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	11	10847	1.01	0.51	1.81	1.45
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	43	18899	2.28	1.65	3.06	1.24
MERCY MED CTR REDDING	5	3179	1.57	0.51	3.67	1.40
METHODIST HOSP OF SACRAMENTO	5	4426	1.13	0.37	2.64	1.12
NATIVIDAD MED CTR, SALINAS	6	2082	2.88	1.06	6.27	0.84
O'CONNOR HOSP, SAN JOSE	1	3730	0.27	0.01	1.49	1.01
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	1	5344	0.19	0.00	1.04	1.18
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	52	9489	5.48	4.09	7.19	1.00
SAN FRANCISCO GENERAL HOSP	9	6590	1.37	0.62	2.59	1.14
SAN JOAQUIN GENERAL HOSP, FRENCH P	3	3616	0.83	0.17	2.42	1.00
SANTA BARBARA COTTAGE HOSP	12	7315	1.64	0.85	2.87	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	4	12976	0.31	0.08	0.79	1.05
SCRIPPS GREEN HOSP, LA JOLLA	5	3603	1.39	0.45	3.24	1.76
† SCRIPPS HEALTH	14	7856	1.78	0.97	2.99	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
STANFORD HOSP, STANFORD	8	18191	0.44	0.19	0.87	1.97

Table 10. Crude rates of central line associated bloodstream infections in intensive care units reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Central			Lower	Upper	
	Cases	line Days	Rate			
† SUTTER WEST BAY HOSPS	10	13166	0.76	0.36	1.40	
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO						
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO						1.25
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	101	25106	4.02	3.28	4.89	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	39	16066	2.43	1.73	3.32	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	11	10430	1.05	0.53	1.89	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
† UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	55	25783	2.13	1.61	2.78	
UCSF MED CTR, SAN FRANCISCO						1.84
UCSF MED CTR AT MOUNT ZION, SAN FRANCISCO						
USC UNIVERSITY HOSP, LOS ANGELES	37	14302	2.59	1.82	3.57	2.39
WHITE MEMORIAL MED CTR, LOS ANGELES	17	3749	4.53	2.64	7.26	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 11. Crude rates of central line associated bloodstream infections in intensive care units reported by California pediatric facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central		Lower	Upper	
		line Days	Rate			
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	17	10506	1.62	0.94	2.59	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	3	1609	1.86	0.38	5.45	1.14
CHILDRENS HOSP OF LOS ANGELES	9	10910	0.82	0.38	1.57	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	30	12864	2.33	1.57	3.33	1.40
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	38	13187	2.88	2.04	3.96	0.85
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	43	18899	2.28	1.65	3.06	1.24
RADY CHILDREN'S HOSP, SAN DIEGO	17	15985	1.06	0.62	1.70	1.46
SHRINERS HOSPS FOR CHILDREN NORTH CA, SACRAMENTO	35	2829	12.37	8.62	17.21	2.13
ST JUDE MED CTR, FULLERTON	10	7968	1.26	0.60	2.31	1.28

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 12. Crude rates of central line associated bloodstream infections in intensive care units reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
ARROWHEAD RGN MED CTR, COLTON	24	8054	2.98	1.91	4.43	1.00
CALIFORNIA HOSP MED CTR, LOS ANGELES	3	4003	0.75	0.15	2.19	0.98
CEDARS-SINAI MED CTR, LOS ANGELES	18	25552	0.70	0.42	1.11	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	17	10506	1.62	0.94	2.59	1.26
CHILDRENS HOSP OF LOS ANGELES	9	10910	0.82	0.38	1.57	1.84
COMMUNITY REGIONAL MED CTR, FRESNO	52	19858	2.62	1.96	3.43	1.20
DESERT REGIONAL MED CTR, PALM SPRINGS	11	10064	1.09	0.55	1.96	1.22
DOCTORS MED CTR, MODESTO	3	6482	0.46	0.10	1.35	1.17
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	5	2183	2.29	0.74	5.35	1.11
HUNTINGTON MEMORIAL HOSP, PASADENA	16	12181	1.31	0.75	2.13	1.24
JOHN MUIR MED CTR, WALNUT CREEK	10	9818	1.02	0.49	1.87	1.32
LAC+USC MED CTR, LOS ANGELES	34	22156	1.53	1.06	2.14	1.23
LAC/HARBOR-UCLA MED CTR, TORRANCE	24	10729	2.24	1.43	3.33	1.32
† LOMA LINDA UNIVERSITY MED CTR	147	58321	2.52	2.13	2.96	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	11	10847	1.01	0.51	1.81	1.45
MEMORIAL MED CTR, MODESTO	1	8322	0.12	0.00	0.67	1.33
MERCY MED CTR REDDING	5	3179	1.57	0.51	3.67	1.40
MERCY SAN JUAN MED CTR, CARMICHAEL	10	10540	0.95	0.45	1.74	1.26
† MISSION HOSP REGIONAL MED CTR	19	12097	1.57	0.95	2.45	
MISSION HOSP REGIONAL MED CTR						1.15
MISSION HOSP LAGUNA BEACH						0.94
PALOMAR MED CTR, ESCONDIDO	4	8097	0.49	0.13	1.26	1.09
PROVIDENCE HOLY CROSS MED CTR, MISSION HILLS	6	7093	0.85	0.31	1.84	1.23
RADY CHILDREN'S HOSP, SAN DIEGO	17	15985	1.06	0.62	1.70	1.46
REGIONAL MED CTR OF SAN JOSE	10	5597	1.79	0.86	3.29	1.41
RIVERSIDE COMMUNITY HOSP	17	10820	1.57	0.92	2.52	1.27
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	52	9489	5.48	4.09	7.19	1.00
RONALD REAGAN UCLA MED CTR, LOS ANGELES	50	43800	1.14	0.85	1.50	1.89
SAINT FRANCIS MED CTR, LYNWOOD	16	5885	2.72	1.55	4.42	0.96
SAN FRANCISCO GENERAL HOSP	9	6590	1.37	0.62	2.59	1.14
SANTA BARBARA COTTAGE HOSP	12	7315	1.64	0.85	2.87	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	4	12976	0.31	0.08	0.79	1.05
‡ SANTA ROSA MEMORIAL HOSP						
SANTA ROSA MEMORIAL HOSP	4	6474	0.62	0.17	1.58	1.45
† SCRIPPS HEALTH	14	7856	1.78	0.97	2.99	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
SCRIPPS MEMORIAL HOSP, LA JOLLA	14	9925	1.41	0.77	2.37	1.32
SHARP MEMORIAL HOSP, SAN DIEGO	13	13983	0.93	0.50	1.59	1.76
STANFORD HOSP, STANFORD	8	18191	0.44	0.19	0.87	1.97
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	101	25106	4.02	3.28	4.89	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	39	16066	2.43	1.73	3.32	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	11	10430	1.05	0.53	1.89	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 13. Crude rates of central line associated bloodstream infections in intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates		Confidence Interval		Case mix index	
	Cases	Central line Days	Rate	Lower		Upper
ALAMEDA HOSP	0	299	0.00	0.00	10.02	1.24
ALHAMBRA HOSP MED CTR	2	866	2.31	0.28	8.34	1.40
† ALTA LOS ANGELES HOSPS, INC.	3	4086	0.73	0.15	2.15	
LOS ANGELES COMMUNITY HOSP						1.01
NORWALK COMMUNITY HOSP						1.41
† ALVARADO HOSP, LLC	11	3030	3.63	1.81	6.50	
ALVARADO HOSP CAMPUS #1, SAN DIEGO						1.57
ALVARADO HOSP CAMPUS #2, SAN DIEGO						
BAKERSFIELD HEART HOSP	1	1859	0.54	0.01	3.00	1.95
BARLOW RESPIRATORY HOSP, LOS ANGELES	6	1087	5.52	2.03	12.01	3.44
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	3	637	4.71	0.97	13.76	1.09
BELLFLOWER MED CTR	0	317	0.00	0.00	9.45	0.77
BROTMAN MED CTR, CULVER CITY	0	2219	0.00	0.00	1.35	1.23
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	1	2019	0.50	0.01	2.76	1.07
† CATHOLIC HEALTHCARE WEST	0	3702	0.00	0.00	0.81	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						1.25
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						
CHAPMAN MED CTR, ORANGE	0	199	0.00	0.00	15.05	1.22
CHINO VALLEY MED CTR, CHINO	0	890	0.00	0.00	3.37	1.33
† CITRUS VALLEY MED CTR, INC.	36	11268	3.19	2.24	4.42	
CITRUS VALLEY MED CTR, IC , COVINA						1.29
CITRUS VALLEY MED CTR, QV, WEST COVINA						0.93
CLOVIS COMMUNITY MED CTR	12	1560	7.69	3.97	13.44	0.88
COAST PLAZA HOSP, NORWALK	4	1686	2.37	0.65	6.07	1.20
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK						
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	0	163	0.00	0.00	18.38	
COMMUNITY HOSP OF SAN BERNARDINO	7	2540	2.76	1.11	5.68	0.90
COMMUNITY HOSP OF LONG BEACH	1	860	1.16	0.03	6.48	1.08
COMMUNITY MEMORIAL HOSP, SAN BUENAVENTURA, VENTURA	11	5100	2.16	1.08	3.86	1.23
DAMERON HOSP, STOCKTON	19	5669	3.35	2.02	5.23	1.08
DOCTORS MED CTR, SAN PABLO	8	3315	2.41	1.04	4.76	1.55
EAST VALLEY HOSP MED CTR, GLENDORA	1	1716	0.58	0.01	3.25	1.05
EISENHOWER MED CTR, RANCHO MIRAGE	3	5111	0.59	0.12	1.72	1.50
EL CENTRO REGIONAL MED CTR	0	1396	0.00	0.00	2.15	0.98
EMANUEL MED CTR INC, TURLOCK	5	2374	2.11	0.68	4.92	0.92
FALLBROOK HOSP DISTRICT	0	215	0.00	0.00	13.93	0.95
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	5	1616	3.09	1.00	7.22	1.05
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	5	8159	0.61	0.20	1.43	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.23
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	154	0.00	0.00	19.45	1.45
FRESNO HEART AND SURGICAL HOSP	4	2052	1.95	0.53	4.99	2.26
GARFIELD MED CTR, MONTEREY PARK	7	2612	2.68	1.08	5.52	1.07
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	2	226	8.85	1.07	31.97	1.19
GOOD SAMARITAN HOSP, LOS ANGELES	10	9315	1.07	0.51	1.97	1.13
† GOOD SAMARITAN HOSP, LP	13	11322	1.15	0.61	1.96	
MISSION OAKS HOSP, LOS GATOS						
GOOD SAMARITAN HOSP, SAN JOSE						1.20
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	2	1488	1.34	0.16	4.86	1.08
GROSSMONT HOSP, LA MESA	5	12254	0.41	0.13	0.95	1.25
HI-DESERT MED CTR, JOSHUA TREE	2	247	8.10	0.98	29.25	1.02
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH	10	9033	1.11	0.53	2.04	1.32
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	8	2072	3.86	1.67	7.61	1.09

Table 13. Crude rates of central line associated bloodstream infections in intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	line Days	Rate	Lower	Upper	
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	9	5989	1.50	0.69	2.85	1.06
HUNTINGTON BEACH HOSP	1	959	1.04	0.03	5.81	1.19
JOHN MUIR MED CTR, CONCORD	13	5363	2.42	1.29	4.15	1.72
KAISER FOUNDATION HOSP, ANTIOCH	3	2495	1.20	0.25	3.51	1.12
KAISER FOUNDATION HOSP, BALDWIN PARK	4	2381	1.68	0.46	4.30	1.04
KAISER FOUNDATION HOSP, FRESNO	1	1725	0.58	0.01	3.23	1.20
KAISER FOUNDATION HOSP, MORENO VALLEY	0	534	0.00	0.00	5.61	0.79
KAISER FOUNDATION HOSP, REDWOOD CITY	1	2179	0.46	0.01	2.56	1.35
KAISER FOUNDATION HOSP, SAN JOSE	3	2570	1.17	0.24	3.41	1.14
KAISER FOUNDATION HOSP, SAN RAFAEL	2	1739	1.15	0.14	4.15	1.28
KAISER FOUNDATION HOSP, SANTA ROSA	1	1726	0.58	0.01	3.23	1.08
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY	1	2020	0.50	0.01	2.76	1.11
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	7	1854	3.78	1.52	7.78	1.39
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	2	3031	0.66	0.08	2.38	1.13
KAISER FOUNDATION HOSP, WALNUT CREEK	5	7103	0.70	0.23	1.64	1.17
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, ANAHEIM	1	2262	0.44	0.01	2.46	1.06
KAISER FOUNDATION HOSP, IRVINE	1	3040	0.33	0.01	1.83	
† KAISER FOUNDATION HOSPS	6	4878	1.23	0.45	2.68	
KAISER FOUNDATION HOSP, FREMONT						1.36
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.01
† KAISER FOUNDATION HOSPS	0	3301	0.00	0.00	0.91	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.32
KAWEAH DELTA MED CTR, VISALIA	13	15921	0.82	0.43	1.40	1.26
KINDRED HOSP, SACRAMENTO, FOLSOM	1	1526	0.66	0.02	3.65	2.38
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO	6	1907	3.15	1.15	6.85	3.05
LA PALMA INTERCOMMUNITY HOSP	0	1154	0.00	0.00	2.60	1.04
LAKEWOOD REGIONAL MED CTR	4	3241	1.23	0.34	3.16	1.41
† LODI MEMORIAL HOSP ASSOCIATION, INC.	4	1952	2.05	0.56	5.25	
LODI MEMORIAL HOSP (1RH)						0.98
LODI MEMORIAL HOSP-WEST						
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	4	5004	0.80	0.22	2.05	1.08
LOS ANGELES METROPOLITAN MED CTR	4	902	4.43	1.21	11.35	0.78
† LOS ROBLES REGIONAL MED CTR	4	6706	0.60	0.16	1.53	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						1.34
MAD RIVER COMMUNITY HOSP, ARCATA	0	567	0.00	0.00	5.28	0.92
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS	0	290	0.00	0.00	10.33	1.14
MEMORIAL HOSP OF GARDENA	2	1935	1.03	0.13	3.73	1.07
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	0	228	0.00	0.00	13.14	1.04
MERCY GENERAL HOSP, SACRAMENTO	3	10919	0.27	0.06	0.80	1.56
MERCY HOSP OF FOLSOM	1	1586	0.63	0.02	3.51	0.98
METHODIST HOSP OF SOUTHERN CA, ARCADIA	12	4462	2.69	1.39	4.70	1.24
† MILLS-PENINSULA HEALTH SERVICES	1	4312	0.23	0.01	1.29	
MILLS HEALTH CTR, SAN MATEO						
PENINSULA MED CTR, BURLINGAME						1.18
MONROVIA MEMORIAL HOSP	0	840	0.00	0.00	3.57	
MONTEREY PARK HOSP	0	520	0.00	0.00	5.76	0.84
MONTCLAIR HOSP MED CTR	3	570	5.26	1.09	15.38	1.01
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	6	2503	2.40	0.88	5.22	1.01
NORTHBAY VACAVALLEY HOSP	2	1265	1.58	0.19	5.71	1.28
NORTHERN INYO HOSP, BISHOP	1	175	5.71	0.14	31.84	0.91
NOVATO COMMUNITY HOSP	0	748	0.00	0.00	4.00	1.41

Table 13. Crude rates of central line associated bloodstream infections in intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Central			Lower	Upper	
	Cases	line Days	Rate			
OLYMPIA MED CTR, LOS ANGELES	9	2970	3.03	1.39	5.75	1.50
PACIFIC HOSP OF LONG BEACH	2	971	2.06	0.25	7.44	1.06
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	2	581	3.44	0.42	12.43	0.83
PALO VERDE HOSP, BLYTHE	0	110	0.00	0.00	27.23	0.83
PARADISE VALLEY HOSP, NATIONAL CITY	0	2223	0.00	0.00	1.35	0.99
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	6	4141	1.45	0.53	3.15	1.00
PLACENTIA LINDA HOSP	0	900	0.00	0.00	3.33	1.20
POMERADO HOSP, POWAY	3	3040	0.99	0.20	2.88	1.06
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, SAN PEDRO	2	1896	1.05	0.13	3.81	1.04
PROVIDENCE LITTLE COMPANY OF MARY MED CTR, TORRANCE	2	6292	0.32	0.04	1.15	1.14
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	2	6911	0.29	0.04	1.05	1.17
PROVIDENCE TARZANA MED CTR, TARZANA	8	4374	1.83	0.79	3.60	1.15
QUEEN OF THE VALLEY MED CTR, NAPA	7	2737	2.56	1.03	5.27	1.38
REDLANDS COMMUNITY HOSP	6	4407	1.36	0.50	2.96	1.07
† SADDLEBACK MEMORIAL MED CTR	4	7198	0.56	0.15	1.42	
SADDLEBACK MEMORIAL MED CTR						1.20
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE						1.14
SAINT AGNES MED CTR, FRESNO	9	9040	1.00	0.46	1.89	1.24
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	4	4970	0.80	0.22	2.06	1.42
SAINT JOHN'S HEALTH CTR, SANTA MONICA	6	4454	1.35	0.49	2.93	1.45
SAINT LOUISE REGIONAL HOSP, GILROY	0	1214	0.00	0.00	2.47	0.96
SAINT VINCENT MED CTR, LOS ANGELES	0	2767	0.00	0.00	1.08	1.64
SALINAS VALLEY MEMORIAL HOSP	6	3656	1.64	0.60	3.57	1.19
SAN ANTONIO COMMUNITY HOSP, UPLAND	5	6227	0.80	0.26	1.87	1.24
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	5	2749	1.82	0.59	4.24	1.03
SAN GORGONIO MEMORIAL HOSP, BANNING	0	1061	0.00	0.00	2.82	1.03
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	4	6813	0.59	0.16	1.50	1.06
† SAN RAMON REGIONAL MED CTR, INC.	0	1708	0.00	0.00	1.75	
SAN RAMON REGIONAL MED CTR						1.28
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						
SCRIPPS MEMORIAL HOSP, ENCINITAS	6	2712	2.21	0.81	4.82	1.15
SEQUOIA HOSP, REDWOOD CITY	0	2771	0.00	0.00	1.08	1.36
† SETON MED CTR	5	3912	1.28	0.42	2.98	
SETON MED CTR, DALY CITY						1.47
SETON MED CTR, COASTSIDE, MOSS BEACH						1.08
SHARP CHULA VISTA MED CTR	8	6509	1.23	0.53	2.42	1.17
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	378	0.00	0.00	7.93	1.54
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	3	7932	0.38	0.08	1.11	0.65
SHASTA REGIONAL MED CTR, REDDING	9	5203	1.73	0.79	3.28	1.57
SHERMAN OAKS HOSP	9	2021	4.45	2.04	8.45	1.55
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	1	1088	0.92	0.02	5.12	1.10
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	2	1292	1.55	0.19	5.59	0.93
SILVER LAKE MED CTR, LOS ANGELES	3	955	3.14	0.65	9.18	1.09
SIMI VALLEY HOSP & HEALTH CARE SERVICES	1	3151	0.32	0.01	1.77	1.18
‡ SONORA REGIONAL MED CTR						
SONORA REGIONAL MED CTR	0	1160	0.00	0.00	2.58	1.16
ST BERNARDINE MED CTR	27	12979	2.08	1.37	3.03	1.55
ST HELENA HOSP, CLEARLAKE	0	346	0.00	0.00	8.66	0.99
ST HELENA HOSP, ST HELENA	1	1891	0.53	0.01	2.95	1.36
ST JOHN'S REGIONAL MED CTR, OXNARD	5	4015	1.25	0.40	2.91	1.34
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	3	1989	1.51	0.31	4.41	1.39
ST JOSEPH HOSP, ORANGE	8	5726	1.40	0.60	2.75	1.22
ST JOSEPH'S MED CTR OF STOCKTON	2	7872	0.25	0.03	0.92	1.28
ST ROSE HOSP, HAYWARD	0	2215	0.00	0.00	1.35	1.15

Table 13. Crude rates of central line associated bloodstream infections in intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Central			Lower	Upper	
	Cases	line Days	Rate			
SUTTER AMADOR HOSP, JACKSON	1	771	1.30	0.03	7.23	1.01
SUTTER AUBURN FAITH HOSP, AUBURN	0	881	0.00	0.00	3.40	1.22
SUTTER COAST HOSP, CRESCENT CITY	0	1151	0.00	0.00	2.60	1.11
SUTTER DAVIS HOSPITAL, DAVIS	1	1005	1.00	0.03	5.54	0.92
SUTTER DELTA MED CTR, ANTIOCH	3	2230	1.35	0.28	3.93	1.06
† SUTTER EAST BAY HOSPS CTR	18	15490	1.16	0.69	1.84	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.91
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.82
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND						1.79
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND						
† SUTTER HEALTH SACRAMENTO SIERRA REGION	18	17262	1.04	0.62	1.65	
SUTTER GENERAL HOSP, SACRAMENTO						1.53
SUTTER MEMORIAL HOSP, SACRAMENTO						1.21
SUTTER MED CTR OF SANTA ROSA	0	3196	0.00	0.00	0.94	1.18
SUTTER SOLANO MED CTR, VALLEJO	5	2120	2.36	0.77	5.50	1.07
SUTTER TRACY COMMUNITY HOSP, TRACY	2	1212	1.65	0.20	5.96	0.98
TAHOE FOREST HOSP, TRUCKEE	0	292	0.00	0.00	10.26	0.97
TEMPLE COMMUNITY HOSP, LOS ANGELES	1	660	1.52	0.04	8.44	1.10
† THE FREMONT-RIDEOUT HEALTH GROUP	4	4747	0.84	0.23	2.16	
FREMONT MED CTR, YUBA CITY						0.82
RIDEOUT MEMORIAL HOSP, MARYSVILLE						1.51
TORRANCE MEMORIAL MED CTR, TORRANCE	0	5415	0.00	0.00	0.55	1.18
TRI-CITY MED CTR, OCEANSIDE	8	7248	1.10	0.48	2.17	1.15
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	1	2271	0.44	0.01	2.45	1.40
TULARE DISTRICT HOSP	1	297	3.37	0.09	18.76	0.90
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	512	0.00	0.00	5.85	1.01
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	10	3880	2.58	1.24	4.74	
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						1.04
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES	6	1264	4.75	1.74	10.33	1.74
VERDUGO HILLS HOSP, GLENDALE	2	717	2.79	0.34	10.08	1.04
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK	0	4308	0.00	0.00	0.70	2.59
WASHINGTON HOSP, FREMONT	3	6417	0.47	0.10	1.37	1.26
WEST HILLS HOSP AND MED CTR	4	2527	1.58	0.43	4.05	1.27

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 14. Crude rates of central line associated bloodstream infections in non-intensive care units reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
CEDARS-SINAI MED CTR, LOS ANGELES	20	62887	0.32	0.19	0.49	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	41	13494	3.04	2.18	4.12	1.26
CHILDRENS HOSP OF LOS ANGELES	42	42244	0.99	0.72	1.34	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	48	18054	2.66	1.96	3.53	1.40
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	245	48264	5.08	4.46	5.75	2.11
† COUNTY OF VENTURA	1	2542	0.39	0.01	2.19	
VENTURA COUNTY MED CTR						0.95
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DOCTORS MED CTR, MODESTO	14	15947	0.88	0.48	1.47	1.17
GLENDALE ADVENTIST MED CTR	23	12986	1.77	1.12	2.66	1.17
KAISER FOUNDATION HOSP, SAN DIEGO	14	10682	1.31	0.72	2.20	1.11
KAISER FOUNDATION HOSP, SANTA CLARA	16	9309	1.72	0.98	2.79	
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	2	3832	0.52	0.06	1.89	1.00
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	24	6383	3.76	2.41	5.59	1.61
† KAISER FOUNDATION HOSPS	30	13338	2.25	1.52	3.21	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.34
KAISER FOUNDATION HOSP, RICHMOND						1.36
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	1	7574	0.13	0.00	0.74	
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	9	7924	1.14	0.52	2.16	1.27
† LOMA LINDA UNIVERSITY MED CTR	104	62455	1.67	1.36	2.02	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						1.54
LOMA LINDA UNIV MED CTR, LOMA LINDA						
LONG BEACH MEMORIAL MED CTR, LONG BEACH	21	18556	1.13	0.70	1.73	1.45
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	56	20902	2.68	2.02	3.48	1.24
MERCY MED CTR REDDING	3	2375	1.26	0.26	3.69	1.40
METHODIST HOSP OF SACRAMENTO	0	4062	0.00	0.00	0.74	1.12
O'CONNOR HOSP, SAN JOSE	8	7129	1.12	0.48	2.21	1.01
POMONA VALLEY HOSP MED CTR, POMONA	13	16660	0.78	0.42	1.33	1.10
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	1	7134	0.14	0.00	0.78	1.18
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	62	14495	4.28	3.28	5.48	1.00
SAN FRANCISCO GENERAL HOSP	10	17279	0.58	0.28	1.06	1.14
SAN JOAQUIN GENERAL HOSP, FRENCH P	0	4887	0.00	0.00	0.61	1.00
SAN MATEO MED CTR	0	917	0.00	0.00	3.27	1.11
SANTA BARBARA COTTAGE HOSP	19	25884	0.73	0.44	1.15	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	2	9391	0.21	0.03	0.77	1.05
SCRIPPS GREEN HOSP, LA JOLLA	1	2057	0.49	0.01	2.71	1.76
† SCRIPPS HEALTH	30	17719	1.69	1.14	2.42	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
ST MARY'S MED CTR, SAN FRANCISCO	0	11415	0.00	0.00	0.26	1.48
STANFORD HOSP, STANFORD	20	46790	0.43	0.26	0.66	1.97
† SUTTER WEST BAY HOSPS	26	31385	0.83	0.54	1.21	
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO						
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO						1.25
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	45	29488	1.53	1.11	2.04	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	21	17036	1.23	0.76	1.88	1.51

Table 14. Crude rates of central line associated bloodstream infections in non-intensive care units reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	123	23325	5.27	4.38	6.29	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
USC UNIVERSITY HOSP, LOS ANGELES	16	16749	0.96	0.55	1.55	2.39
WHITE MEMORIAL MED CTR, LOS ANGELES	23	8712	2.64	1.67	3.96	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 15. Crude rates of central line associated bloodstream infections in non-intensive care units reported by California pediatric facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	41	13494	3.04	2.18	4.12	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	0	347	0.00	0.00	8.63	1.14
CHILDRENS HOSP OF LOS ANGELES	42	42244	0.99	0.72	1.34	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	48	18054	2.66	1.96	3.53	1.40
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	22	10675	2.06	1.29	3.12	0.85
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	197	0.00	0.00	15.21	1.18
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	56	20902	2.68	2.02	3.48	1.24
RADY CHILDREN'S HOSP, SAN DIEGO	16	16327	0.98	0.56	1.59	1.46
ST JUDE MED CTR, FULLERTON	10	10749	0.93	0.45	1.71	1.28

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 16. Crude rates of central line associated bloodstream infections in non-intensive care units reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates		Confidence Interval		Case mix index	
	Cases	Central line Days	Rate	Lower		Upper
CEDARS-SINAI MED CTR, LOS ANGELES	20	62887	0.32	0.19	0.49	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	41	13494	3.04	2.18	4.12	1.26
CHILDRENS HOSP OF LOS ANGELES	42	42244	0.99	0.72	1.34	1.84
DESERT REGIONAL MED CTR, PALM SPRINGS	6	12371	0.49	0.18	1.06	1.22
DOCTORS MED CTR, MODESTO	14	15947	0.88	0.48	1.47	1.17
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	22	8733	2.52	1.58	3.81	1.11
JOHN MUIR MED CTR, WALNUT CREEK	11	15630	0.70	0.35	1.26	1.32
† LOMA LINDA UNIVERSITY MED CTR	104	62455	1.67	1.36	2.02	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	21	18556	1.13	0.70	1.73	1.45
MEMORIAL MED CTR, MODESTO	19	20453	0.93	0.56	1.45	1.33
MERCY MED CTR REDDING	3	2375	1.26	0.26	3.69	1.40
MERCY SAN JUAN MED CTR, CARMICHAEL	15	11636	1.29	0.72	2.13	1.26
† MISSION HOSP REGIONAL MED CTR	11	13255	0.83	0.41	1.48	
MISSION HOSP REGIONAL MED CTR						1.15
MISSION HOSP LAGUNA BEACH						0.94
RADY CHILDREN'S HOSP, SAN DIEGO	16	16327	0.98	0.56	1.59	1.46
RIVERSIDE COMMUNITY HOSP	28	20038	1.40	0.93	2.02	1.27
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	62	14495	4.28	3.28	5.48	1.00
RONALD REAGAN UCLA MED CTR, LOS ANGELES	84	40852	2.06	1.64	2.55	1.89
SAINT FRANCIS MED CTR, LYNNWOOD	12	7196	1.67	0.86	2.91	0.96
SAN FRANCISCO GENERAL HOSP	10	17279	0.58	0.28	1.06	1.14
SANTA BARBARA COTTAGE HOSP	19	25884	0.73	0.44	1.15	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	2	9391	0.21	0.03	0.77	1.05
‡ SANTA ROSA MEMORIAL HOSP						
SANTA ROSA MEMORIAL HOSP	3	17564	0.17	0.04	0.50	1.45
† SCRIPPS HEALTH	30	17719	1.69	1.14	2.42	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
SCRIPPS MEMORIAL HOSP, LA JOLLA	7	10682	0.66	0.26	1.35	1.32
SHARP MEMORIAL HOSP, SAN DIEGO	24	25348	0.95	0.61	1.41	1.76
STANFORD HOSP, STANFORD	20	46790	0.43	0.26	0.66	1.97
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	45	29488	1.53	1.11	2.04	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	21	17036	1.23	0.76	1.88	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	123	23325	5.27	4.38	6.29	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 17. Crude rates of central line associated bloodstream infection in non-intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
ALHAMBRA HOSP MED CTR	1	5510	0.18	0.00	1.01	1.40
† ALTA LOS ANGELES HOSPS, INC.	11	6817	1.61	0.81	2.89	
LOS ANGELES COMMUNITY HOSP						1.01
NORWALK COMMUNITY HOSP						1.41
† ALVARADO HOSP, LLC	14	7134	1.96	1.07	3.29	
ALVARADO HOSP CAMPUS #1, SAN DIEGO						1.57
ALVARADO HOSP CAMPUS #2, SAN DIEGO						
ARROYO GRANDE COMMUNITY HOSP	0	921	0.00	0.00	3.25	1.34
BAKERSFIELD HEART HOSP	0	2942	0.00	0.00	1.02	1.95
BALLARD REHAB HOSP, SAN BERNARDINO	2	832	2.40	0.29	8.68	1.05
BANNER LASSEN MED CTR, SUSANVILLE	0	208	0.00	0.00	14.40	0.79
BARLOW RESPIRATORY HOSP, LOS ANGELES	39	9711	4.02	2.86	5.49	3.44
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	2	525	3.81	0.46	13.76	1.09
BELLFLOWER MED CTR	0	266	0.00	0.00	11.26	0.77
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	1	106	9.43	0.24	52.56	1.02
BROTMAN MED CTR, CULVER CITY	3	4077	0.74	0.15	2.15	1.23
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	7	11861	0.59	0.24	1.22	1.07
† CATHOLIC HEALTHCARE WEST	6	7334	0.82	0.30	1.78	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						1.25
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						
CENTRAL VALLEY GENERAL HOSP, HANFORD	3	1592	1.88	0.39	5.51	0.67
† CITRUS VALLEY MED CTR, INC.	61	16462	3.71	2.83	4.76	
CITRUS VALLEY MED CTR, IC , COVINA						1.29
CITRUS VALLEY MED CTR, QV, WEST COVINA						0.93
COALINGA REGIONAL MED CTR	0	357	0.00	0.00	8.39	0.83
COAST PLAZA HOSP, NORWALK	4	951	4.21	1.15	10.77	1.20
COLUSA REG MED CTR	0	110	0.00	0.00	27.23	0.82
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK						
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	1	1210	0.83	0.02	4.60	
DAMERON HOSP, STOCKTON	12	5837	2.06	1.06	3.59	1.08
DESERT VALLEY HOSP, VICTORVILLE	2	1869	1.07	0.13	3.87	1.29
DOCTORS HOSP OF MANTECA	4	2324	1.72	0.47	4.41	0.92
EAST VALLEY HOSP MED CTR, GLENDORA	0	1599	0.00	0.00	1.87	1.05
EMANUEL MED CTR INC, TURLOCK	5	5418	0.92	0.30	2.15	0.92
FALLBROOK HOSP DISTRICT	0	250	0.00	0.00	11.98	0.95
FEATHER RIVER HOSP, PARADISE	1	4617	0.22	0.01	1.21	1.15
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	2	2168	0.92	0.11	3.33	1.05
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	12	12700	0.94	0.49	1.65	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.23
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	488	0.00	0.00	6.14	1.45
GLENN MED CTR, WILLOWS	0	120	0.00	0.00	24.96	0.84
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	1	3018	0.33	0.01	1.85	1.19
GOOD SAMARITAN HOSP, LOS ANGELES	6	9072	0.66	0.24	1.44	1.13
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	4	1853	2.16	0.59	5.53	1.08
GROSSMONT HOSP, LA MESA	5	14497	0.34	0.11	0.80	1.25
HI-DESERT MED CTR, JOSHUA TREE	0	203	0.00	0.00	14.76	1.02
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH	15	21285	0.70	0.39	1.16	1.32
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	3	3401	0.88	0.18	2.58	1.09
HUNTINGTON BEACH HOSP	3	1272	2.36	0.49	6.89	1.19
JOHN MUIR MED CTR, CONCORD	6	11518	0.52	0.19	1.13	1.72
KAISER FOUNDATION HOSP, ANTIOCH	14	4584	3.05	1.67	5.12	1.12
KAISER FOUNDATION HOSP, BALDWIN PARK	15	5590	2.68	1.50	4.43	1.04

Table 17. Crude rates of central line associated bloodstream infection in non-intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central		Lower	Upper	
		line Days	Rate			
KAISER FOUNDATION HOSP-DOWNEY, BELLFLOWER	18	3714	4.85	2.87	7.66	1.07
KAISER FOUNDATION HOSP, FRESNO	3	3637	0.82	0.17	2.41	1.20
KAISER FOUNDATION HOSP, MORENO VALLEY	0	999	0.00	0.00	3.00	0.79
KAISER FOUNDATION HOSP, PANORAMA CITY	8	5468	1.46	0.63	2.88	1.07
KAISER FOUNDATION HOSP, SAN JOSE	4	6086	0.66	0.18	1.68	1.14
KAISER FOUNDATION HOSP, SANTA ROSA	2	3844	0.52	0.06	1.88	1.08
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY	15	10231	1.47	0.82	2.42	1.11
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	4	2736	1.46	0.40	3.74	1.39
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	0	4085	0.00	0.00	0.73	1.13
KAISER FOUNDATION HOSP, WALNUT CREEK	12	8475	1.42	0.73	2.47	1.17
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, ANAHEIM	7	7523	0.93	0.37	1.92	1.06
KAISER FOUNDATION HOSP, IRVINE	3	7805	0.38	0.08	1.12	
† KAISER FOUNDATION HOSPS	14	6750	2.07	1.13	3.48	
KAISER FOUNDATION HOSP, FREMONT						1.36
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.01
† KAISER FOUNDATION HOSPS	5	6881	0.73	0.24	1.70	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.32
KAWEAH DELTA MED CTR, VISALIA	14	19884	0.70	0.38	1.18	1.26
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	29	9450	3.07	2.06	4.41	1.97
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	138	0.00	0.00	21.71	0.98
KINDRED HOSP, SACRAMENTO, FOLSOM	9	10567	0.85	0.39	1.62	2.38
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO	12	12708	0.94	0.49	1.65	3.05
LA PALMA INTERCOMMUNITY HOSP	0	1083	0.00	0.00	2.77	1.04
LAKEWOOD REGIONAL MED CTR	3	6280	0.48	0.10	1.40	1.41
LANCASTER COMMUNITY HOSP	3	6306	0.48	0.10	1.39	1.35
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	210	0.00	0.00	14.27	
† LODI MEMORIAL HOSP ASSOCIATION, INC.	9	5516	1.63	0.75	3.10	
LODI MEMORIAL HOSP (1RH)						0.98
LODI MEMORIAL HOSP-WEST						
LOMPOC VALLEY MED CTR	0	437	0.00	0.00	6.86	1.00
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	3	7515	0.40	0.08	1.17	1.08
LOS ANGELES METROPOLITAN MED CTR	3	1162	2.58	0.53	7.54	0.78
† LOS ROBLES REGIONAL MED CTR	6	20166	0.30	0.11	0.65	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						1.34
MAD RIVER COMMUNITY HOSP, ARCATA	0	593	0.00	0.00	5.05	0.92
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS	0	516	0.00	0.00	5.81	1.14
MEMORIAL HOSP OF GARDENA	9	3628	2.48	1.13	4.71	1.07
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	1	765	1.31	0.03	7.28	1.04
MERCY GENERAL HOSP, SACRAMENTO	1	19576	0.05	0.00	0.28	1.56
MERCY HOSP OF FOLSOM	0	3051	0.00	0.00	0.98	0.98
METHODIST HOSP OF SOUTHERN CA, ARCADIA	4	8301	0.48	0.13	1.23	1.24
† MILLS-PENINSULA HEALTH SERVICES	4	9228	0.43	0.12	1.11	
MILLS HEALTH CTR, SAN MATEO						
PENINSULA MED CTR, BURLINGAME						1.18
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	250	0.00	0.00	11.98	0.74
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	5	3817	1.31	0.43	3.06	1.01
NORTHBAY VACAVALLEY HOSP	4	2618	1.53	0.42	3.91	1.28
NORTHERN CA REHAB HOSP, REDDING	6	11689	0.51	0.19	1.12	1.46
NOVATO COMMUNITY HOSP	0	556	0.00	0.00	5.39	1.41
ORANGE COAST MEMORIAL MED CTR, FOUNTAIN VALLEY	1	8628	0.12	0.00	0.65	1.14
OROVILLE HOSP	4	2245	1.78	0.49	4.56	1.09

Table 17. Crude rates of central line associated bloodstream infection in non-intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central		Lower	Upper	
		line Days	Rate			
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	0	105	0.00	0.00	28.53	0.83
PALM DRIVE HOSP, SEBASTOPOL	0	809	0.00	0.00	3.70	1.35
PALO VERDE HOSP, BLYTHE	1	301	3.32	0.08	18.51	0.83
PARADISE VALLEY HOSP, NATIONAL CITY	4	1162	3.44	0.94	8.81	0.99
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	0	5025	0.00	0.00	0.60	1.00
PLACENTIA LINDA HOSP	2	1475	1.36	0.16	4.90	1.20
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	12	17966	0.67	0.35	1.17	1.17
PROVIDENCE TARZANA MED CTR, TARZANA	17	8458	2.01	1.17	3.22	1.15
REDLANDS COMMUNITY HOSP	14	5243	2.67	1.46	4.48	1.07
REDWOOD MEMORIAL HOSP, FORTUNA	0	220	0.00	0.00	13.62	0.96
† SADDLEBACK MEMORIAL MED CTR	4	5831	0.69	0.19	1.76	
SADDLEBACK MEMORIAL MED CTR						1.20
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE						1.14
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	3	4748	0.63	0.13	1.85	1.42
SALINAS VALLEY MEMORIAL HOSP	3	12126	0.25	0.05	0.72	1.19
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	15	4087	3.67	2.05	6.05	1.03
SAN GORGONIO MEMORIAL HOSP, BANNING	4	1596	2.51	0.68	6.42	1.03
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	10	14484	0.69	0.33	1.27	1.06
† SAN RAMON REGIONAL MED CTR, INC.	2	5098	0.39	0.05	1.42	
SAN RAMON REGIONAL MED CTR						1.28
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						
SCRIPPS MEMORIAL HOSP, ENCINITAS	8	5352	1.49	0.65	2.95	1.15
SEQUOIA HOSP, REDWOOD CITY	8	4892	1.64	0.71	3.22	1.36
† SETON MED CTR	4	7485	0.53	0.15	1.37	
SETON MED CTR, DALY CITY						1.47
SETON MED CTR, COASTSIDE, MOSS BEACH						1.08
SHARP CHULA VISTA MED CTR	12	8395	1.43	0.74	2.50	1.17
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	457	0.00	0.00	6.56	1.54
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	1	1940	0.52	0.01	2.87	0.65
SHASTA REGIONAL MED CTR, REDDING	2	3270	0.61	0.07	2.21	1.57
SHERMAN OAKS HOSP	13	2511	5.18	2.76	8.85	1.55
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	1	1381	0.72	0.02	4.03	1.10
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	0	903	0.00	0.00	3.32	0.93
SILVER LAKE MED CTR, LOS ANGELES	1	977	1.02	0.03	5.70	1.09
SIMI VALLEY HOSP & HEALTH CARE SERVICES	1	3137	0.32	0.01	1.78	1.18
‡ SONORA REGIONAL MED CTR						
SONORA REGIONAL MED CTR	0	2450	0.00	0.00	1.22	1.16
‡ SRM ALLIANCE HOSP SERVICES						
PETALUMA VALLEY HOSP	0	1157	0.00	0.00	2.59	1.14
ST BERNARDINE MED CTR	9	8446	1.07	0.49	2.02	1.55
ST HELENA HOSP, ST HELENA	0	2308	0.00	0.00	1.30	1.36
ST JOHN'S REGIONAL MED CTR, OXNARD	7	11678	0.60	0.24	1.24	1.34
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	2	4743	0.42	0.05	1.52	1.39
ST JOSEPH HOSP, ORANGE	16	14213	1.13	0.64	1.83	1.22
ST JOSEPH'S MED CTR OF STOCKTON	4	12075	0.33	0.09	0.85	1.28
ST ROSE HOSP, HAYWARD	2	4973	0.40	0.05	1.45	1.15
SUTTER AMADOR HOSP, JACKSON	0	711	0.00	0.00	4.21	1.01
SUTTER AUBURN FAITH HOSP, AUBURN	1	1086	0.92	0.02	5.13	1.22
SUTTER DAVIS HOSPITAL, DAVIS	0	1112	0.00	0.00	2.69	0.92
SUTTER DELTA MED CTR, ANTIOCH	3	3756	0.80	0.16	2.33	1.06

Table 17. Crude rates of central line associated bloodstream infection in non-intensive care units reported by California non-teaching, non-pediatric, non-trauma level I/II hospitals, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central		Lower	Upper	
		line Days	Rate			
† SUTTER EAST BAY HOSPS CTR	27	16449	1.64	1.08	2.39	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.91
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.82
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND						1.79
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND						
† SUTTER HEALTH SACRAMENTO SIERRA REGION	39	30583	1.28	0.91	1.74	
SUTTER GENERAL HOSP, SACRAMENTO						1.53
SUTTER MEMORIAL HOSP, SACRAMENTO						1.21
SUTTER MED CTR OF SANTA ROSA	1	4285	0.23	0.01	1.30	1.18
SUTTER SOLANO MED CTR, VALLEJO	0	2961	0.00	0.00	1.01	1.07
TAHOE FOREST HOSP, TRUCKEE	0	250	0.00	0.00	11.98	0.97
TEMPLE COMMUNITY HOSP, LOS ANGELES	1	910	1.10	0.03	6.12	1.10
TORRANCE MEMORIAL MED CTR, TORRANCE	6	13323	0.45	0.17	0.98	1.18
TRI-CITY MED CTR, OCEANSIDE	19	17585	1.08	0.65	1.69	1.15
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	2	3501	0.57	0.07	2.06	1.40
TRINITY HOSP, WEAVERVILLE	0	145	0.00	0.00	20.66	0.98
† UHS-CORONA, INC.	3	3482	0.86	0.18	2.52	
CORONA REGIONAL MED CTR, CAMPUS #1						0.92
CORONA REGIONAL MED CTR, CAMPUS #2						
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	613	0.00	0.00	4.89	1.01
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	2	4247	0.47	0.06	1.70	
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						1.04
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES	28	5859	4.78	3.18	6.91	1.74
VERDUGO HILLS HOSP, GLENDALE	1	1561	0.64	0.02	3.57	1.04
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	32	12254	2.61	1.79	3.69	1.66
VISTA HOSP OF RIVERSIDE, PERRIS	19	6500	2.92	1.76	4.56	2.83
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK	11	7489	1.47	0.73	2.63	2.59
WASHINGTON HOSP, FREMONT	5	14151	0.35	0.11	0.82	1.26
WHITTIER HOSP MED CTR	0	2185	0.00	0.00	1.37	0.92

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 18. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates		Confidence Interval		Case mix index	
	Cases	Central line Days	Rate	Lower		Upper
† ALAMEDA COUNTY MED CTR	25	12792	1.95	1.26	2.89	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
CEDARS-SINAI MED CTR, LOS ANGELES	38	88439	0.43	0.30	0.59	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	58	24000	2.42	1.84	3.12	1.26
CHILDRENS HOSP OF LOS ANGELES	51	53154	0.96	0.71	1.26	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	78	30918	2.52	1.99	3.15	1.40
CITY OF HOPE HELFORD CLINICAL RESEARCH HOSP, DUARTE	257	53769	4.78	4.21	5.40	2.11
† COUNTY OF VENTURA	4	4541	0.88	0.24	2.26	
VENTURA COUNTY MED CTR						0.95
VENTURA COUNTY MED CTR, SANTA PAULA HOSP						
DOCTORS MED CTR, MODESTO	17	22429	0.76	0.44	1.21	1.17
GLENDALE ADVENTIST MED CTR	29	18024	1.61	1.08	2.31	1.17
KAISER FOUNDATION HOSP, FONTANA	40	29009	1.38	0.99	1.88	1.09
KAISER FOUNDATION HOSP, SAN DIEGO	15	15570	0.96	0.54	1.59	1.11
KAISER FOUNDATION HOSP, SANTA CLARA	20	15084	1.33	0.81	2.05	
KAISER FOUNDATION HOSP, SOUTH SACRAMENTO	5	5999	0.83	0.27	1.95	1.00
KAISER FOUNDATION HOSP, SUNSET, LOS ANGELES	49	22445	2.18	1.62	2.89	1.61
† KAISER FOUNDATION HOSPS	47	22047	2.13	1.57	2.83	
KAISER FOUNDATION HOSP, OAKLAND/RICHMOND						1.34
KAISER FOUNDATION HOSP, RICHMOND						1.36
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, ROSEVILLE	7	13779	0.51	0.20	1.05	
KAISER FOUNDATION HOSP-SACRAMENTO/ROSEVILLE, SACRAMENTO	15	14324	1.05	0.59	1.73	1.27
LAC+USC MED CTR, LOS ANGELES	34	22156	1.53	1.06	2.14	1.23
† LOMA LINDA UNIVERSITY MED CTR	251	120776	2.08	1.83	2.35	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	32	29405	1.09	0.74	1.54	1.45
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	101	39801	2.54	2.07	3.08	1.24
MERCY MED CTR REDDING	8	5554	1.44	0.62	2.84	1.40
METHODIST HOSP OF SACRAMENTO	5	8488	0.59	0.19	1.37	1.12
NORTHRIDGE HOSP MED CTR	49	18802	2.61	1.93	3.45	1.15
O'CONNOR HOSP, SAN JOSE	9	10859	0.83	0.38	1.57	1.01
PRESBYTERIAN INTERCOMMUNITY HOSP, WHITTIER	2	11566	0.17	0.02	0.62	1.18
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	114	23984	4.75	3.92	5.71	1.00
SAN FRANCISCO GENERAL HOSP	19	23869	0.80	0.48	1.24	1.14
SAN JOAQUIN GENERAL HOSP, FRENCH P	3	8503	0.35	0.07	1.03	1.00
SANTA BARBARA COTTAGE HOSP	31	33199	0.93	0.63	1.33	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	6	22370	0.27	0.10	0.58	1.05
SCRIPPS GREEN HOSP, LA JOLLA	6	5660	1.06	0.39	2.31	1.76
† SCRIPPS HEALTH	44	25575	1.72	1.25	2.31	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
ST MARY MED CTR, LONG BEACH	11	14609	0.75	0.38	1.35	1.06
ST MARY'S MED CTR, SAN FRANCISCO	0	9060	0.00	0.00	0.33	1.48
STANFORD HOSP, STANFORD	28	64981	0.43	0.29	0.62	1.97
† SUTTER WEST BAY HOSPS	36	44553	0.81	0.57	1.12	
CALIFORNIA PACIFIC MED CTR, DAVIES CAM HOSP, SAN FRANCISCO						
CALIFORNIA PACIFIC MED CTR, PACIFIC CAM HOSP, SAN FRANCISCO						1.25
CALIFORNIA PACIFIC MED CTR, CA WEST CAM HOSP, S F						
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	146	54694	2.67	2.25	3.14	1.58
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	60	33102	1.81	1.38	2.33	1.51

Table 18. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California teaching facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	134	33755	3.97	3.33	4.70	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
USC UNIVERSITY HOSP, LOS ANGELES	53	31051	1.71	1.28	2.23	2.39
WHITE MEMORIAL MED CTR, LOS ANGELES	40	12461	3.21	2.29	4.37	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 19. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California pediatric facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	58	24000	2.42	1.84	3.12	1.26
CHILDREN'S HOSP AT MISSION, MISSION VIEJO	3	1956	1.53	0.32	4.48	1.14
CHILDRENS HOSP OF LOS ANGELES	51	53154	0.96	0.71	1.26	1.84
CHILDREN'S HOSP OF ORANGE COUNTY, ORANGE	78	30918	2.52	1.99	3.15	1.40
EARL & LORAIN MILLER CHILDREN'S HOSP, LONG BEACH	60	23862	2.51	1.92	3.24	0.85
HEALTHBRIDGE CHILDREN'S HOSP, ORANGE	0	197	0.00	0.00	15.21	1.18
LUCILE SALTER PACKARD CHILDREN'S HOSP AT STANFORD, PALO ALTO	101	39801	2.54	2.07	3.08	1.24
RADY CHILDREN'S HOSP, SAN DIEGO	33	32312	1.02	0.70	1.43	1.46
ST JUDE MED CTR, FULLERTON	20	18717	1.07	0.65	1.65	1.28

Notes: Rate per 1000 central line 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: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 20. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
† ALAMEDA COUNTY MED CTR	25	12792	1.95	1.26	2.89	
FAIRMONT CAMPUS, SAN LEANDRO						
ALAMEDA COUNTY MED CTR, OAKLAND						1.04
CEDARS-SINAI MED CTR, LOS ANGELES	38	88439	0.43	0.30	0.59	1.43
CHILDRENS HOSP AND RESEARCH CTR AT OAKLAND	58	24000	2.42	1.84	3.12	1.26
CHILDRENS HOSP OF LOS ANGELES	51	53154	0.96	0.71	1.26	1.84
DESERT REGIONAL MED CTR, PALM SPRINGS	17	22435	0.76	0.44	1.21	1.22
DOCTORS MED CTR, MODESTO	17	22429	0.76	0.44	1.21	1.17
† ENLOE MED CTR	12	26221	0.46	0.24	0.80	
ENLOE REHABILITATION CTR, CHICO						
ENLOE MED CTR, COHASSET, CHICO						
ENLOE MED CTR, ESPLANADE, CHICO						1.27
HENRY MAYO NEWHALL MEMORIAL HOSP, VALENCIA	27	10916	2.47	1.63	3.60	1.11
JOHN MUIR MED CTR, WALNUT CREEK	21	25448	0.83	0.51	1.26	1.32
LAC+USC MED CTR, LOS ANGELES	34	22156	1.53	1.06	2.14	1.23
† LOMA LINDA UNIVERSITY MED CTR	251	120776	2.08	1.83	2.35	
LOMA LINDA UNIV HEART & SURGICAL HOSP, REDLANDS						
LOMA LINDA UNIV MED CTR EAST HOSP, LOMA LINDA						
LOMA LINDA UNIV MED CTR, LOMA LINDA						1.54
LONG BEACH MEMORIAL MED CTR, LONG BEACH	32	29405	1.09	0.74	1.54	1.45
MEMORIAL MED CTR, MODESTO	20	28775	0.70	0.42	1.07	1.33
MERCY MED CTR REDDING	8	5554	1.44	0.62	2.84	1.40
MERCY SAN JUAN MED CTR, CARMICHAEL	25	22176	1.13	0.73	1.66	1.26
† MISSION HOSP REGIONAL MED CTR	30	25352	1.18	0.80	1.69	
MISSION HOSP REGIONAL MED CTR						1.15
MISSION HOSP LAGUNA BEACH						0.94
NORTHRIDGE HOSP MED CTR	49	18802	2.61	1.93	3.45	1.15
RADY CHILDREN'S HOSP, SAN DIEGO	33	32312	1.02	0.70	1.43	1.46
RIVERSIDE COMMUNITY HOSP	45	30858	1.46	1.06	1.95	1.27
RIVERSIDE COUNTY REGIONAL MED CTR, MORENO VALLEY	114	23984	4.75	3.92	5.71	1.00
RONALD REAGAN UCLA MED CTR, LOS ANGELES	130	75658	1.72	1.44	2.04	1.89
SAINT FRANCIS MED CTR, LYNWOOD	23	11766	1.95	1.24	2.93	0.96
SAN FRANCISCO GENERAL HOSP	19	23869	0.80	0.48	1.24	1.14
SANTA BARBARA COTTAGE HOSP	31	33199	0.93	0.63	1.33	1.27
SANTA CLARA VALLEY MED CTR, SAN JOSE	6	22370	0.27	0.10	0.58	1.05
‡ SANTA ROSA MEMORIAL HOSP						
SANTA ROSA MEMORIAL HOSP	7	24038	0.29	0.12	0.60	1.45
† SCRIPPS HEALTH	44	25575	1.72	1.25	2.31	
SCRIPPS MERCY HOSP						1.37
SCRIPPS MERCY HOSP CHULA VISTA						1.13
SCRIPPS MEMORIAL HOSP, LA JOLLA	21	20607	1.02	0.63	1.56	1.32
SHARP MEMORIAL HOSP, SAN DIEGO	37	39331	0.94	0.66	1.30	1.76
ST MARY MED CTR, LONG BEACH	11	14609	0.75	0.38	1.35	1.06
STANFORD HOSP, STANFORD	28	64981	0.43	0.29	0.62	1.97
UNIVERSITY OF CALIFORNIA DAVIS MED CTR, SACRAMENTO	146	54694	2.67	2.25	3.14	1.58

Table 20. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	Central line Days	Rate	Lower	Upper	
UNIVERSITY OF CALIFORNIA IRVINE MED CTR, ORANGE	60	33102	1.81	1.38	2.33	1.51
† UNIVERSITY OF CALIFORNIA, SAN DIEGO	134	33755	3.97	3.33	4.70	
UNIVERSITY OF CALIFORNIA, SAN DIEGO MED CTR						1.58
UCSD-LA JOLLA, JOHN M.& SALLY B. THORNTON HOSP						
WESTERN MED CTR SANTA ANA	21	9710	2.16	1.34	3.31	1.12

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health

Table 21. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates		Confidence Interval		Case mix index	
	Cases	Central line Days	Rate	Lower		Upper
† ADVENTIST HEALTH SYSTEMS	11	5417	2.03	1.01	3.63	
HANFORD COMMUNITY MED CTR						1.07
SELMA COMMUNITY HOSP						
ALAMEDA HOSP	0	299	0.00	0.00	10.02	1.24
ALHAMBRA HOSP MED CTR	3	6376	0.47	0.10	1.38	1.40
† ALTA LOS ANGELES HOSPS, INC.	14	10903	1.28	0.70	2.15	
LOS ANGELES COMMUNITY HOSP						1.01
NORWALK COMMUNITY HOSP						1.41
† ALVARADO HOSP, LLC	25	10759	2.32	1.50	3.43	
ALVARADO HOSP CAMPUS #1, SAN DIEGO						1.57
ALVARADO HOSP CAMPUS #2, SAN DIEGO						
ANTELOPE VALLEY HOSP, LANCASTER	38	21484	1.77	1.25	2.43	0.97
ARROYO GRANDE COMMUNITY HOSP	1	923	1.08	0.03	6.04	1.34
BAKERSFIELD HEART HOSP	1	4801	0.21	0.01	1.16	1.95
BALLARD REHAB HOSP, SAN BERNARDINO	2	832	2.40	0.29	8.68	1.05
BANNER LASSEN MED CTR, SUSANVILLE	0	208	0.00	0.00	14.40	0.79
BARLOW RESPIRATORY HOSP, LOS ANGELES	45	10798	4.17	3.04	5.58	3.44
BARTON MEMORIAL HOSP, SOUTH LAKE TAHOE	3	981	3.06	0.63	8.94	1.09
BELLFLOWER MED CTR	0	583	0.00	0.00	5.14	0.77
BIGGS GRIDLEY MEMORIAL HOSP, GRIDLEY	1	141	7.09	0.18	39.52	1.02
BROTMAN MED CTR, CULVER CITY	3	5747	0.52	0.11	1.53	1.23
CALIFORNIA PACIFIC MED CTR, ST LUKE'S CAMPUS, SAN FRANCISCO	8	13880	0.58	0.25	1.14	1.07
† CATHOLIC HEALTHCARE WEST	6	11036	0.54	0.20	1.18	
DOMINICAN HOSP CAMPUS #1, SANTA CRUZ						1.25
DOMINICAN HOSP CAMPUS #2, SANTA CRUZ						
CENTINELA HOSP MED CTR, INGLEWOOD	8	13434	0.60	0.26	1.17	1.33
CENTRAL VALLEY GENERAL HOSP, HANFORD	3	1592	1.88	0.39	5.51	0.67
† CITRUS VALLEY MED CTR, INC.	97	27730	3.50	2.84	4.27	
CITRUS VALLEY MED CTR, IC, COVINA						1.29
CITRUS VALLEY MED CTR, QV, WEST COVINA						0.93
COALINGA REGIONAL MED CTR	0	357	0.00	0.00	8.39	0.83
COAST PLAZA HOSP, NORWALK	8	2647	3.02	1.30	5.96	1.20
COLLEGE HOSP COSTA MESA	0	301	0.00	0.00	9.95	0.74
COLUSA REG MED CTR	0	130	0.00	0.00	23.04	0.82
‡ COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK						
COMMUNITY AND MISSION HOSP OF HUNTINGTON PARK	1	1373	0.73	0.02	4.06	
COMMUNITY HOSP OF THE MONTEREY PENINSULA, MONTEREY	8	10927	0.73	0.32	1.44	1.30
COMMUNITY HOSP OF SAN BERNARDINO	7	2540	2.76	1.11	5.68	0.90
COMMUNITY HOSP OF LONG BEACH	2	888	2.25	0.27	8.14	1.08
DAMERON HOSP, STOCKTON	29	10529	2.75	1.84	3.96	1.08
DOWNEY REGIONAL MED CTR	21	6162	3.41	2.11	5.21	1.17
EAST VALLEY HOSP MED CTR, GLENDORA	1	3315	0.30	0.01	1.68	1.05
EMANUEL MED CTR INC, TURLOCK	10	7792	1.28	0.62	2.36	0.92
FALLBROOK HOSP DISTRICT	0	465	0.00	0.00	6.44	0.95
FOOTHILL PRESBYTERIAN HSP-JOHNSTON MEMORIAL, GLENDORA	7	3784	1.85	0.74	3.81	1.05
† FOUNTAIN VALLEY REGIONAL HOSP & MED CTR	17	20859	0.81	0.47	1.30	
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						1.23
FOUNTAIN VALLEY REGIONAL HOSP & MED CTR						
FRANK R. HOWARD MEMORIAL HOSP, WILLITS	0	642	0.00	0.00	4.67	1.45
FRENCH HOSP MED CTR, SAN LUIS OBISPO	4	2522	1.59	0.43	4.06	1.27
GLENN MED CTR, WILLOWS	0	120	0.00	0.00	24.96	0.84

Table 21. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates		Confidence Interval		Case mix index	
	Cases	Central	Lower	Upper		
		line Days				Rate
GOLETA VALLEY COTTAGE HOSP, SANTA BARBARA	3	3244	0.92	0.19	2.70	1.19
GOOD SAMARITAN HOSP, LOS ANGELES	16	18387	0.87	0.50	1.41	1.13
GREATER EL MONTE COMMUNITY HOSP, SOUTH EL MONTE	6	3341	1.80	0.66	3.91	1.08
GROSSMONT HOSP, LA MESA	10	26751	0.37	0.18	0.69	1.25
HAZEL HAWKINS MEMORIAL HOSP, HOLLISTER	5	999	5.01	1.63	11.68	0.94
HI-DESERT MED CTR, JOSHUA TREE	2	450	4.44	0.54	16.05	1.02
‡ HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH						
HOAG MEMORIAL HOSP PRESBYTERIAN, NEWPORT BEACH	25	30318	0.82	0.53	1.22	1.32
HOLLYWOOD COMMUNITY HOSP OF HOLLYWOOD	12	6703	1.79	0.93	3.13	1.09
HOLLYWOOD PRESBYTERIAN MED CTR, LOS ANGELES	25	10857	2.30	1.49	3.40	1.06
HUNTINGTON BEACH HOSP	4	2231	1.79	0.49	4.59	1.19
JOHN MUIR MED CTR, CONCORD	19	16881	1.13	0.68	1.76	1.72
KAISER FOUNDATION HOSP, ANTIOCH	17	7079	2.40	1.40	3.84	1.12
KAISER FOUNDATION HOSP, BALDWIN PARK	19	7971	2.38	1.44	3.72	1.04
KAISER FOUNDATION HOSP, FRESNO	4	5362	0.75	0.20	1.91	1.20
KAISER FOUNDATION HOSP, MORENO VALLEY	0	1533	0.00	0.00	1.95	0.79
KAISER FOUNDATION HOSP, SAN JOSE	7	8359	0.84	0.34	1.73	1.14
KAISER FOUNDATION HOSP, SANTA ROSA	3	4595	0.65	0.13	1.91	1.08
KAISER FOUNDATION HOSP, SOUTH BAY, HARBOR CITY	16	12251	1.31	0.75	2.12	1.11
KAISER FOUNDATION HOSP, SOUTH SAN FRANCISCO	11	4590	2.40	1.20	4.29	1.39
KAISER FOUNDATION HOSP & REHAB. CTR, VALLEJO	2	6387	0.31	0.04	1.13	1.13
KAISER FOUNDATION HOSP, WALNUT CREEK	17	15578	1.09	0.64	1.75	1.17
KAISER FOUNDATION HOSP, WEST LA, LOS ANGELES	21	9389	2.24	1.38	3.42	1.12
‡ KAISER FOUNDATION HOSPS						
KAISER FOUNDATION HOSP, ANAHEIM	8	9355	0.86	0.37	1.69	1.06
KAISER FOUNDATION HOSP, IRVINE	4	10845	0.37	0.10	0.94	
† KAISER FOUNDATION HOSPS	20	11628	1.72	1.05	2.66	
KAISER FOUNDATION HOSP, FREMONT						1.36
KAISER FOUNDATION HOSP, HAYWARD/FREMONT						1.01
† KAISER FOUNDATION HOSPS	5	10182	0.49	0.16	1.15	
KAISER FOUNDATION HOSP, MODESTO						
KAISER FOUNDATION HOSP, MANTECA						1.32
KAWEAH DELTA MED CTR, VISALIA	27	35808	0.75	0.50	1.10	1.26
KENTFIELD REHAB & SPECIALTY HOSP, KENTFIELD	29	9450	3.07	2.06	4.41	1.97
KERN VALLEY HEALTHCARE DISTRICT, LAKE ISABELLA	0	138	0.00	0.00	21.71	0.98
KINDRED HOSP, BREA	21	11655	1.80	1.12	2.75	2.20
KINDRED HOSP, LOS ANGELES	34	21628	1.57	1.09	2.20	3.13
KINDRED HOSP, ONTARIO	4	17242	0.23	0.06	0.59	3.09
KINDRED HOSP, SACRAMENTO, FOLSOM	12	14293	0.84	0.43	1.47	2.38
KINDRED HOSP, SAN DIEGO	16	8126	1.97	1.13	3.20	2.32
KINDRED HOSP, SAN FRANCISCO BAY AREA, SAN LEANDRO	18	14615	1.23	0.73	1.95	3.05
KINDRED HOSP WESTMINSTER	50	24045	2.08	1.54	2.74	2.35
LA PALMA INTERCOMMUNITY HOSP	0	2237	0.00	0.00	1.34	1.04
LAKEWOOD REGIONAL MED CTR	7	9521	0.74	0.30	1.51	1.41
LANTERMAN DEVELOPMENTAL CTR, POMONA	0	210	0.00	0.00	14.27	
† LODI MEMORIAL HOSP ASSOCIATION, INC.	13	7768	1.67	0.89	2.86	
LODI MEMORIAL HOSP (1RH)						0.98
LODI MEMORIAL HOSP-WEST						
LOS ALAMITOS MED CTR	9	6063	1.48	0.68	2.82	1.03
LOS ANGELES CO OLIVE VIEW-UCLA MED CTR, SYLMAR	7	11703	0.60	0.24	1.23	1.08
LOS ANGELES METROPOLITAN MED CTR	7	2064	3.39	1.36	6.99	0.78

Table 21. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	line Days	Rate	Lower	Upper	
† LOS ROBLES REGIONAL MED CTR	10	26872	0.37	0.18	0.68	
LOS ROBLES HOSP & MED CTR, E , THOUSAND OAKS						
LOS ROBLES HOSP & MED CTR, THOUSAND OAKS						1.34
MAD RIVER COMMUNITY HOSP, ARCATA	0	1160	0.00	0.00	2.58	0.92
MARIAN MED CTR, SANTA MARIA	6	3995	1.50	0.55	3.27	1.06
MARIN GENERAL HOSP, GREENBRAE	1	2550	0.39	0.01	2.18	1.21
MARK TWAIN ST JOSEPH'S HOSP (4RH), SAN ANDREAS	0	806	0.00	0.00	3.72	1.14
MARSHALL MED CTR (1-RH), PLACERVILLE	2	4736	0.42	0.05	1.53	1.15
MEMORIAL HOSP OF GARDENA	11	5563	1.98	0.99	3.54	1.07
MENDOCINO COAST DISTRICT HOSP, FORT BRAGG	1	993	1.01	0.03	5.61	1.04
MERCY GENERAL HOSP, SACRAMENTO	4	30495	0.13	0.04	0.34	1.56
MERCY HOSP OF FOLSOM	0	4340	0.00	0.00	0.69	0.98
METHODIST HOSP OF SOUTHERN CA, ARCADIA	16	12765	1.25	0.72	2.04	1.24
† MILLS-PENINSULA HEALTH SERVICES	5	13540	0.37	0.12	0.86	
MILLS HEALTH CTR, SAN MATEO						
PENINSULA MED CTR, BURLINGAME						1.18
MONROVIA MEMORIAL HOSP	1	2746	0.36	0.01	2.03	
MOUNTAINS COMMUNITY HOSP, LAKE ARROWHEAD	0	250	0.00	0.00	11.98	0.74
‡ NORTHBAY HEALTHCARE GROUP						
NORTHBAY MED CTR, FAIRFIELD	11	6320	1.74	0.87	3.11	1.01
NORTHBAY VACAVALLEY HOSP	6	3883	1.55	0.57	3.36	1.28
NORTHERN CA REHAB HOSP, REDDING	6	11689	0.51	0.19	1.12	1.46
NORTHERN INYO HOSP, BISHOP	1	222	4.50	0.11	25.10	0.91
NOVATO COMMUNITY HOSP	0	1304	0.00	0.00	2.30	1.41
PACIFIC ALLIANCE MED CTR	4	5504	0.73	0.20	1.86	0.89
PACIFIC HOSP OF LONG BEACH	6	1003	5.98	2.20	13.02	1.06
PACIFICA HOSP OF THE VALLEY, SUN VALLEY	2	686	2.92	0.35	10.53	0.83
PALO VERDE HOSP, BLYTHE	1	411	2.43	0.06	13.56	0.83
PARADISE VALLEY HOSP, NATIONAL CITY	5	3385	1.48	0.48	3.45	0.99
PARKVIEW COMMUNITY HOSP MED CTR, RIVERSIDE	6	9166	0.65	0.24	1.42	1.00
PLACENTIA LINDA HOSP	2	2375	0.84	0.10	3.04	1.20
PROVIDENCE SAINT JOSEPH MED CTR, BURBANK	14	24877	0.56	0.31	0.94	1.17
PROVIDENCE TARZANA MED CTR, TARZANA	25	12832	1.95	1.26	2.88	1.15
RANCHO SPECIALTY HOSP, RANCHO CUCAMONGA	16	7303	2.19	1.25	3.56	2.55
REDLANDS COMMUNITY HOSP	20	9650	2.07	1.27	3.20	1.07
RIDGECREST REGIONAL HOSP	2	1096	1.82	0.22	6.59	1.06
† SADDLEBACK MEMORIAL MED CTR	8	13029	0.61	0.27	1.21	
SADDLEBACK MEMORIAL MED CTR						1.20
SADDLEBACK MEMORIAL MED CTR, SAN CLEMENTE						1.14
SAINT FRANCIS MEMORIAL HOSP, SAN FRANCISCO	7	9718	0.72	0.29	1.48	1.42
SALINAS VALLEY MEMORIAL HOSP	9	15782	0.57	0.26	1.08	1.19
SAN GABRIEL VALLEY MED CTR, SAN GABRIEL	20	6836	2.93	1.79	4.52	1.03
SAN GORGONIO MEMORIAL HOSP, BANNING	4	2657	1.51	0.41	3.85	1.03
SAN JOAQUIN COMMUNITY HOSP, BAKERSFIELD	14	21297	0.66	0.36	1.10	1.06
† SAN RAMON REGIONAL MED CTR, INC.	2	6806	0.29	0.04	1.06	
SAN RAMON REGIONAL MED CTR						1.28
SAN RAMON REGIONAL MED CTR SOUTH BUILDING						
SANTA MONICA, UCLA MED CTR AND ORTHOPAEDIC	39	24128	1.62	1.15	2.21	1.27
SCRIPPS MEMORIAL HOSP, ENCINITAS	14	8064	1.74	0.95	2.91	1.15
SEQUOIA HOSP, REDWOOD CITY	8	7663	1.04	0.45	2.06	1.36

Table 21. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)
Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	line Days	Rate	Lower	Upper	
† SETON MED CTR	9	11397	0.79	0.36	1.50	
SETON MED CTR, DALY CITY						1.47
SETON MED CTR, COASTSIDE, MOSS BEACH						1.08
SHARP CHULA VISTA MED CTR	20	14904	1.34	0.82	2.07	1.17
SHARP CORONADO HOSP AND HEALTHCARE CTR	0	835	0.00	0.00	3.59	1.54
SHARP MARY BIRCH FOR WOMEN & NEWBORNS, SAN DIEGO	4	9872	0.41	0.11	1.04	0.65
SHASTA REGIONAL MED CTR, REDDING	11	8473	1.30	0.65	2.32	1.57
SHERMAN OAKS HOSP	22	4532	4.85	3.04	7.35	1.55
SIERRA NEVADA MEMORIAL HOSP, GRASS VALLEY	2	2469	0.81	0.10	2.93	1.10
SIERRA VIEW DISTRICT HOSP, PORTERVILLE	2	2195	0.91	0.11	3.29	0.93
SIERRA VISTA REGIONAL MED CTR, SAN LUIS OBISPO	5	5421	0.92	0.30	2.15	1.18
SILVER LAKE MED CTR, LOS ANGELES	4	1932	2.07	0.56	5.30	1.09
SIMI VALLEY HOSP & HEALTH CARE SERVICES	2	6288	0.32	0.04	1.15	1.18
SONOMA VALLEY HOSP	0	963	0.00	0.00	3.11	1.15
‡ SONORA REGIONAL MED CTR						
SONORA REGIONAL MED CTR	0	3610	0.00	0.00	0.83	1.16
‡ SOUTHERN CALIFORNIA SPECIALTY CARE, INC.						
KINDRED HOSP, SAN GABRIEL VALLEY, WEST COVINA	23	16320	1.41	0.89	2.11	
KINDRED HOSP, LA MIRADA	22	13605	1.62	1.01	2.45	2.00
KINDRED HOSP, SANTA ANA	21	12040	1.74	1.08	2.67	
ST BERNARDINE MED CTR	36	21425	1.68	1.18	2.33	1.55
ST HELENA HOSP, CLEARLAKE	0	443	0.00	0.00	6.76	0.99
ST HELENA HOSP, ST HELENA	1	4199	0.24	0.01	1.33	1.36
ST JOHN'S REGIONAL MED CTR, OXNARD	12	15693	0.76	0.40	1.34	1.34
‡ ST JOSEPH HOSP EUREKA						
ST JOSEPH HOSP, EUREKA	5	6732	0.74	0.24	1.73	1.39
ST JOSEPH HOSP, ORANGE	24	19939	1.20	0.77	1.79	1.22
ST JOSEPH'S MED CTR OF STOCKTON	6	19947	0.30	0.11	0.65	1.28
ST ROSE HOSP, HAYWARD	2	7188	0.28	0.03	1.01	1.15
SUTTER AMADOR HOSP, JACKSON	1	1337	0.75	0.02	4.17	1.01
SUTTER AUBURN FAITH HOSP, AUBURN	1	1967	0.51	0.01	2.83	1.22
SUTTER DAVIS HOSPITAL, DAVIS	2	2404	0.83	0.10	3.01	0.92
SUTTER DELTA MED CTR, ANTIOCH	6	5986	1.00	0.37	2.18	1.06
† SUTTER EAST BAY HOSPS CTR	45	31939	1.41	1.03	1.89	
ALTA BATES SUMMIT MED CTR, ALTA BATES CAMPUS, BERKELEY						0.91
ALTA BATES SUMMIT MED CTR, HERRICK CAMPUS, BERKELEY						0.82
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #1, OAKLAND						1.79
ALTA BATES SUMMIT MED CTR, SUMMIT CAMPUS #2, OAKLAND						
† SUTTER HEALTH SACRAMENTO SIERRA REGION	57	47845	1.19	0.90	1.54	
SUTTER GENERAL HOSP, SACRAMENTO						1.53
SUTTER MEMORIAL HOSP, SACRAMENTO						1.21
SUTTER MED CTR OF SANTA ROSA	1	7481	0.13	0.00	0.74	1.18
SUTTER SOLANO MED CTR, VALLEJO	5	5081	0.98	0.32	2.30	1.07
TAHOE FOREST HOSP, TRUCKEE	0	542	0.00	0.00	5.53	0.97
TEMPLE COMMUNITY HOSP, LOS ANGELES	2	1570	1.27	0.15	4.60	1.10
TORRANCE MEMORIAL MED CTR, TORRANCE	6	18738	0.32	0.12	0.70	1.18
TRI-CITY MED CTR, OCEANSIDE	27	24833	1.09	0.72	1.58	1.15
TRI-CITY REGIONAL MED CTR, HAWAIIAN GARDENS	3	5872	0.51	0.11	1.49	1.40
TRINITY HOSP, WEAVERVILLE	0	145	0.00	0.00	20.66	0.98
TWIN CITIES COMMUNITY HOSP, TEMPLETON	4	5276	0.76	0.21	1.94	1.06
UKIAH VALLEY MED CTR/HOSP DRIVE, UKIAH	0	1125	0.00	0.00	2.66	1.01

Table 21. Crude rates of central line associated bloodstream infections in all inpatient care locations reported by California non-teaching, non-pediatric, non-trauma level I/II facilities, restricted to facilities that reported complete data for at least 4 of 5 possible surveillance quarters and at least 100 central line days, January 2009 - March 2010 (inclusive)

Comparison of facility-specific rates should be avoided because differences may be due to variations in surveillance practices and/or infection risk.

Hospital licensee and/or campus name *	Reported Rates			Confidence Interval		Case mix index
	Cases	line Days	Rate	Lower	Upper	
† UNIVERSAL HEALTH SERVICES OF RANCHO SPRINGS, INC.	12	8127	1.48	0.76	2.58	
SOUTHWEST HEALTHCARE SYSTEMS, WILDOMAR						
SOUTHWEST HEALTHCARE SYSTEMS, MURRIETA						1.04
USC KENNETH NORRIS JR. CANCER HOSP, LOS ANGELES	34	7123	4.77	3.31	6.67	1.74
VALLEYCARE MED CTR, PLEASANTON	2	7348	0.27	0.03	0.98	1.20
VERDUGO HILLS HOSP, GLENDALE	2	2139	0.94	0.11	3.38	1.04
VIBRA HOSP OF SAN DIEGO, SAN DIEGO	32	12254	2.61	1.79	3.69	1.66
VICTOR VALLEY COMMUNITY HOSP, VICTORVILLE	2	615	3.25	0.39	11.75	0.89
VISTA HOSP OF SAN GABRIEL VALLEY, BALDWIN PARK	11	11797	0.93	0.47	1.67	2.59
VISTA HOSP OF SOUTH BAY, GARDENA	4	11435	0.35	0.10	0.90	2.37
WASHINGTON HOSP, FREMONT	8	20568	0.39	0.17	0.77	1.26
WATSONVILLE COMMUNITY HOSP	3	816	3.68	0.76	10.74	0.97
WEST ANAHEIM MED CTR, ANAHEIM	7	8043	0.87	0.35	1.79	1.44
WEST HILLS HOSP AND MED CTR	12	10714	1.12	0.58	1.96	1.27
WOODLAND MEMORIAL HOSP	1	959	1.04	0.03	5.81	1.07

* Hospitals with only one acute care campus associated with its license were listed by the campus name; hospitals with more than one campus associated with its license were listed by licensee names with acute care campus name(s) indented below

† Hospital reported infection data aggregated over all acute care campuses

‡ Hospital reported infection data separately by acute care campus

Notes: Rate per 1000 central line 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: Technical Report: Healthcare-associated bloodstream infections in California, January 2009 - March 2010. California Department of Public Health