



The Journey To Safer Surgeries

Reducing Surgical Site Infections (SSI)

This interactive dashboard explores Surgical Site Infections (SSIs) reported by California general acute care hospitals between 2021 and 2023.

Surgical Site Infections are a major concern in healthcare, leading to increased complications, extended hospital stays, and additional costs.

This dashboard is designed to support hospital administrators, policymakers, and the public in understanding trends, identifying high-risk procedures, and evaluating hospital performance.

The data comes from the California Department of Public Health (CDPH) and the National Healthcare Safety Network (NHSN), covering multiple operative procedures and hospital categories

Facilities

Procedures

Counties

How are Facilities Performing?

No. of Facilities

342

Total Procedures

28

% Unstable Facilities

24.93%

Surgical Safety Index



No. of Infections Reported

11K

Average SIR

0.85

What facilities have the highest Infection Rates?

Scripps Memorial Hospital, LA Jolla

1.62

Highland Hospital

1.48

LAC Harbor UCLA Medical Center

1.35

Doctors Hospital of Manteca

1.29

El Camino Health Los Gatos

1.23

Teaching Hospital

7.3K

Medium Facility

3.6K

Small Facility

3.5K

Large Facility

3.0K

Critical Access ...

0...

Pediatric Facility

1...

Teaching hospitals report the highest infection burden, followed by medium and small facilities, highlighting a size-related trend in infection volumes. Notably, Scripps Memorial and Highland Hospital have the highest individual infection rates, suggesting targeted improvement is needed at specific high-risk institutions.

Facility

All

Year

All

Better than expected

No SIR

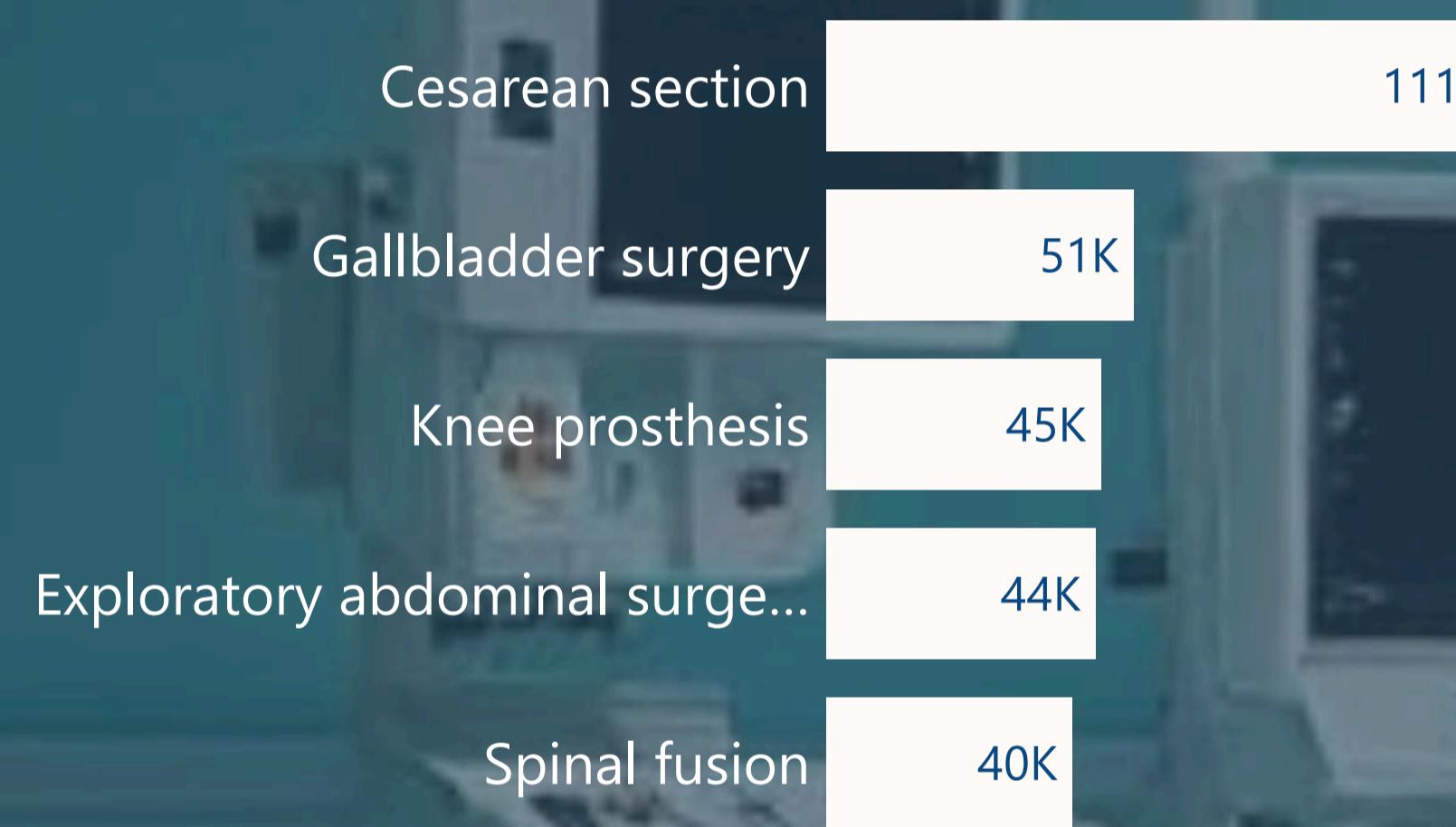
Same as expected

Worse than expected

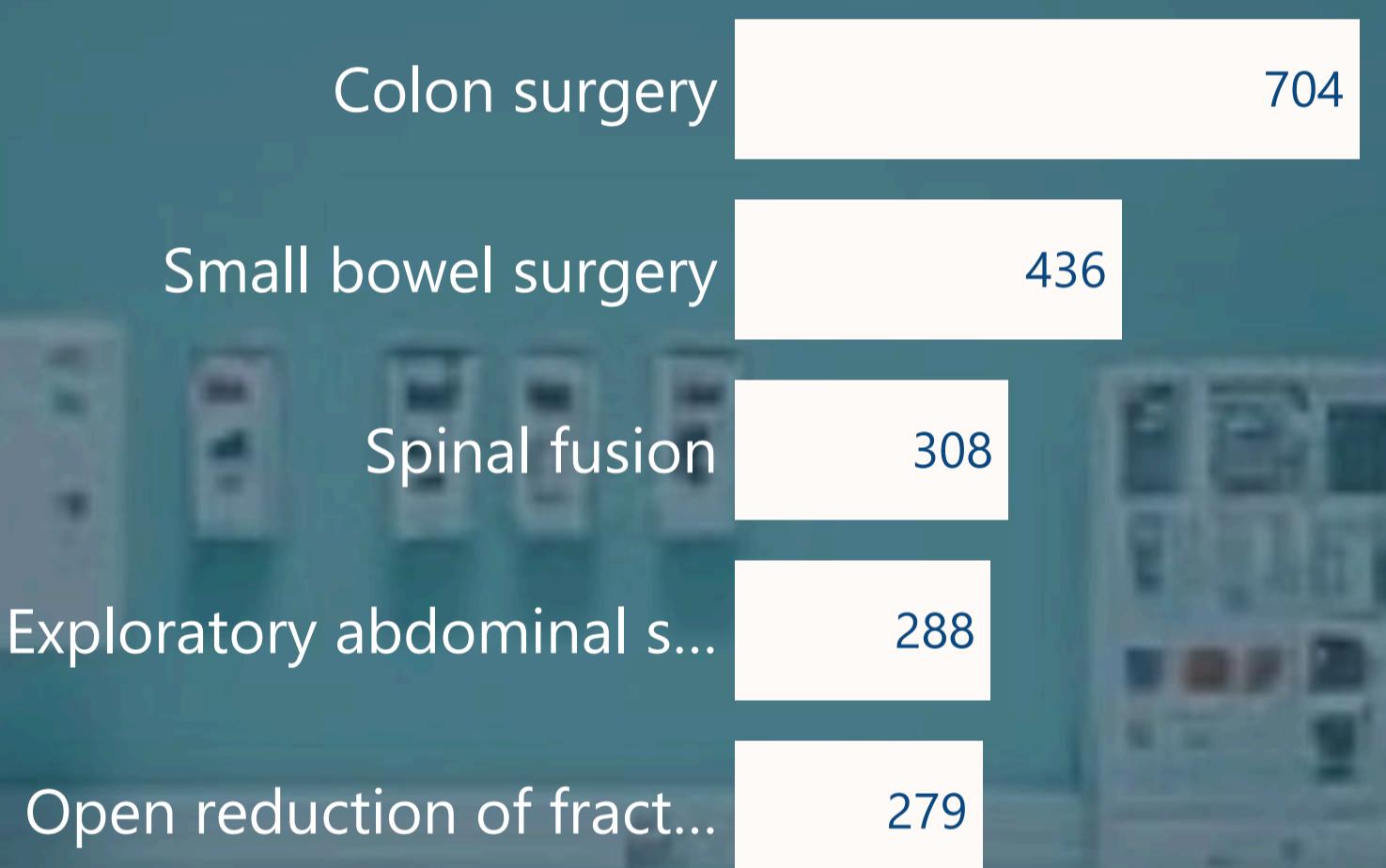
Facilities Performance by Size Group

How safe are Surgical Procedures?

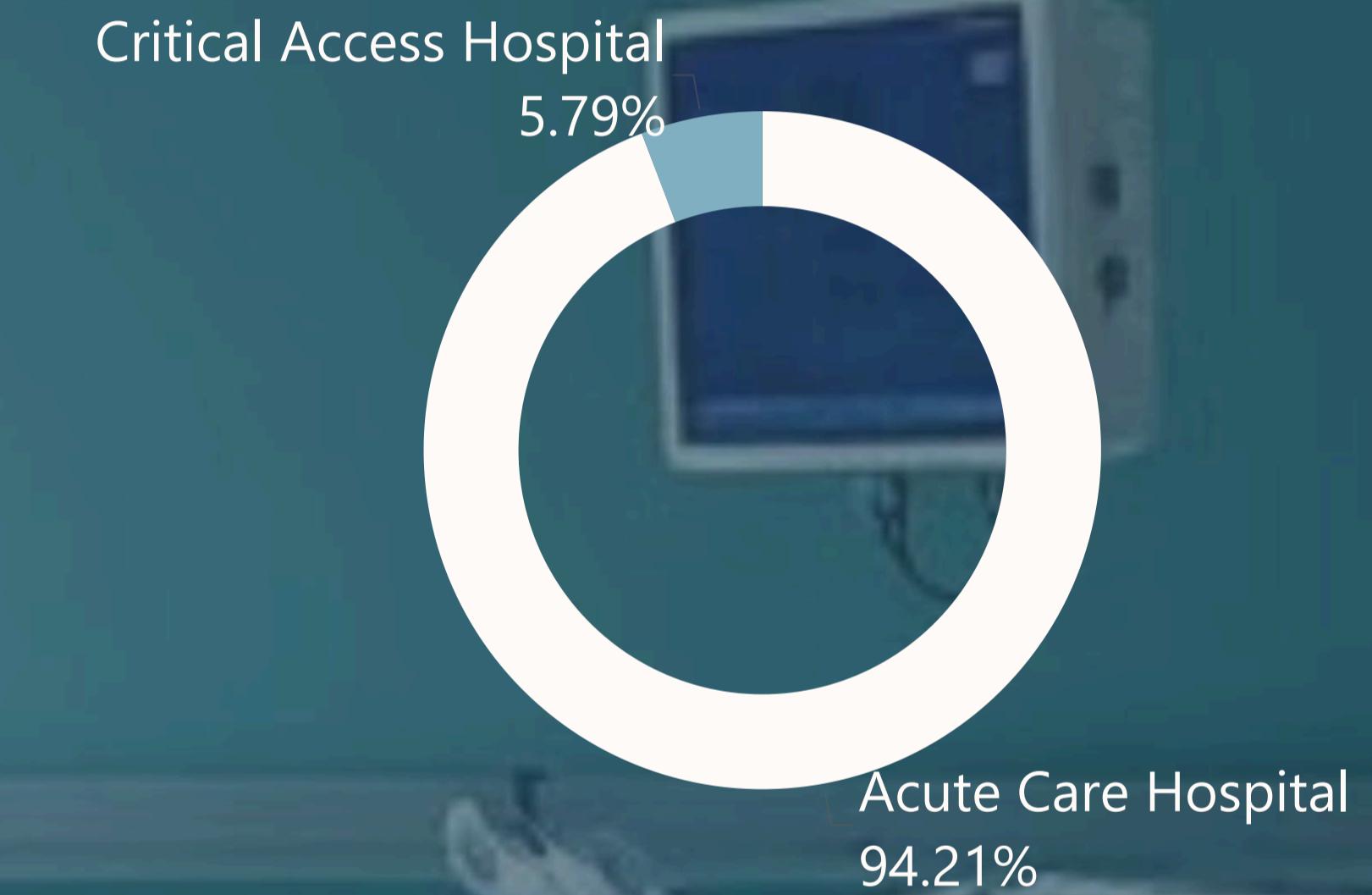
What are the Top 5 Procedures?



Procedures with the highest Reported Infections



% Of Category Risk Adjustment

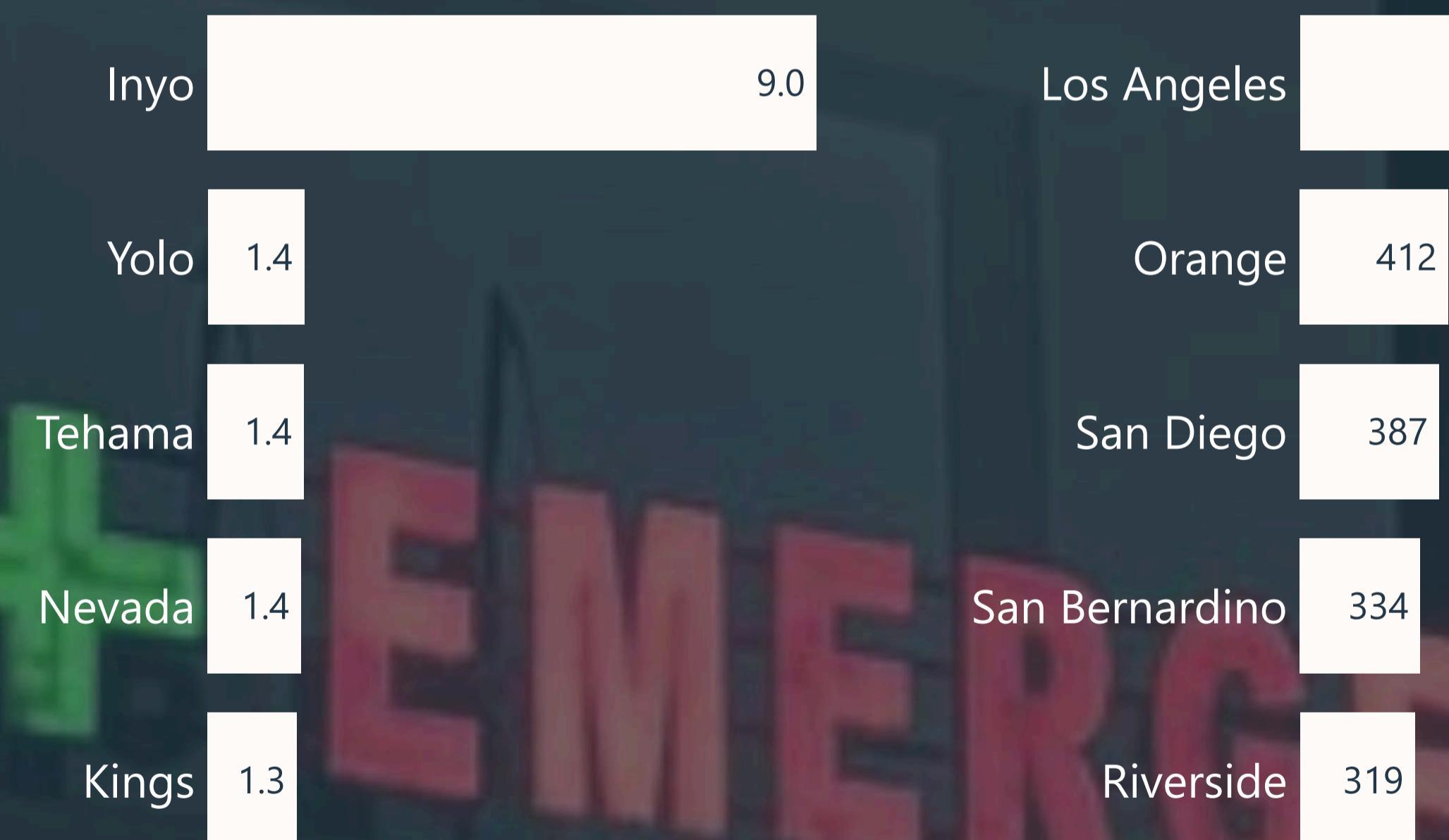


Surgical Procedures	Hospitals Reporting Infections	Procedure Count	Average_SIR
Abdominal aortic aneurysm repair	3	2	223
Appendix surgery	197	58	27764 0.58
Bile duct, liver or pancreatic surgery	126	214	6615 0.93
Cardiac surgery	82	37	15168 0.56
Cesarean section	193	210	111243 0.98
Colon surgery	288	704	29407 0.94

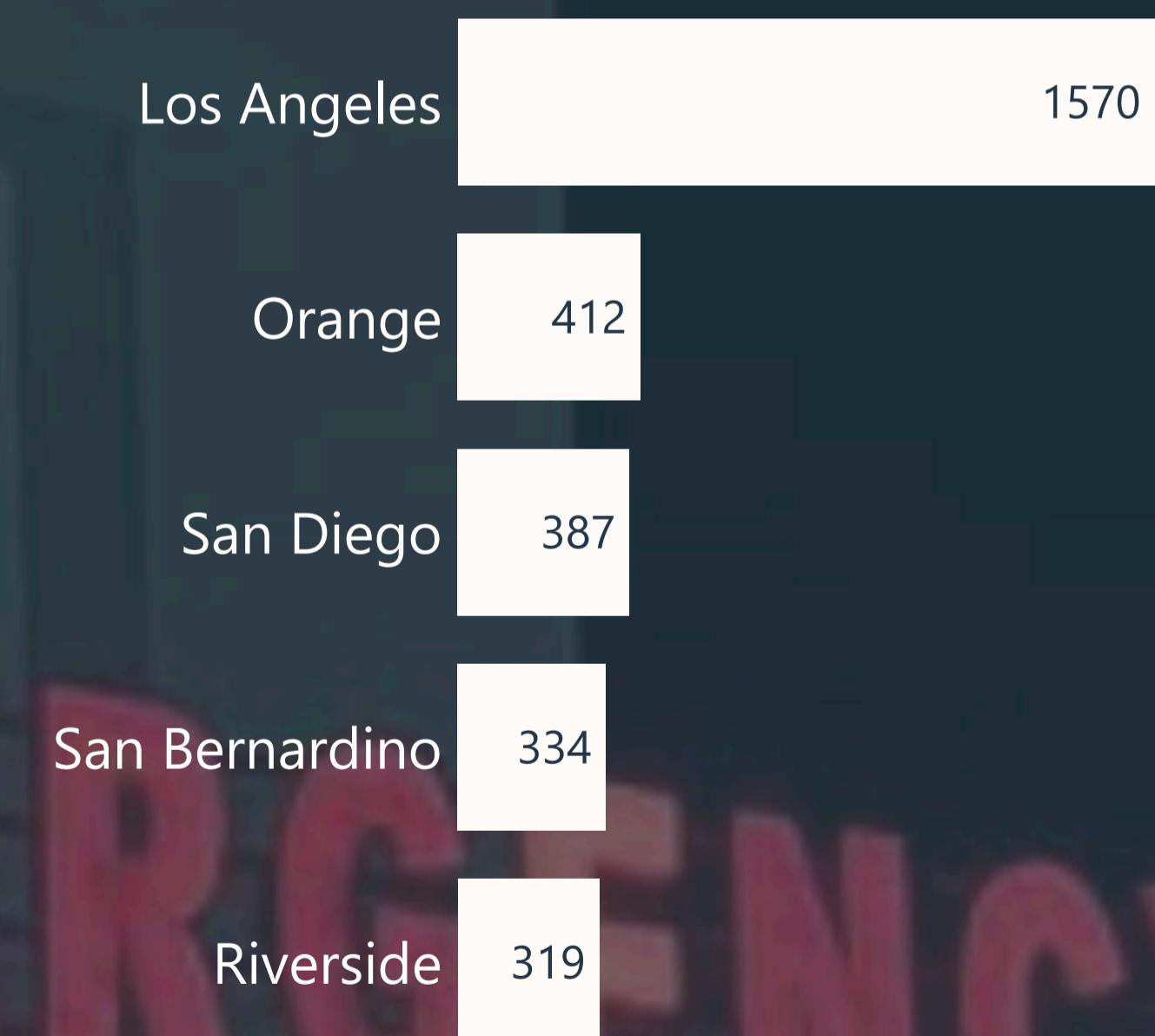
This report highlights that colon surgery exhibits the highest reported surgical site infections (SSI), while Cesarean sections remain the most frequent procedure performed. Acute Care Hospitals manage the majority of risk adjustments, reflecting the complexities of care and infection control in these settings.

How are Counties Performing?

Worse Performing Counties by Average SIR



Goal Achievement By County



Goal Met

Goal Missed

Facility

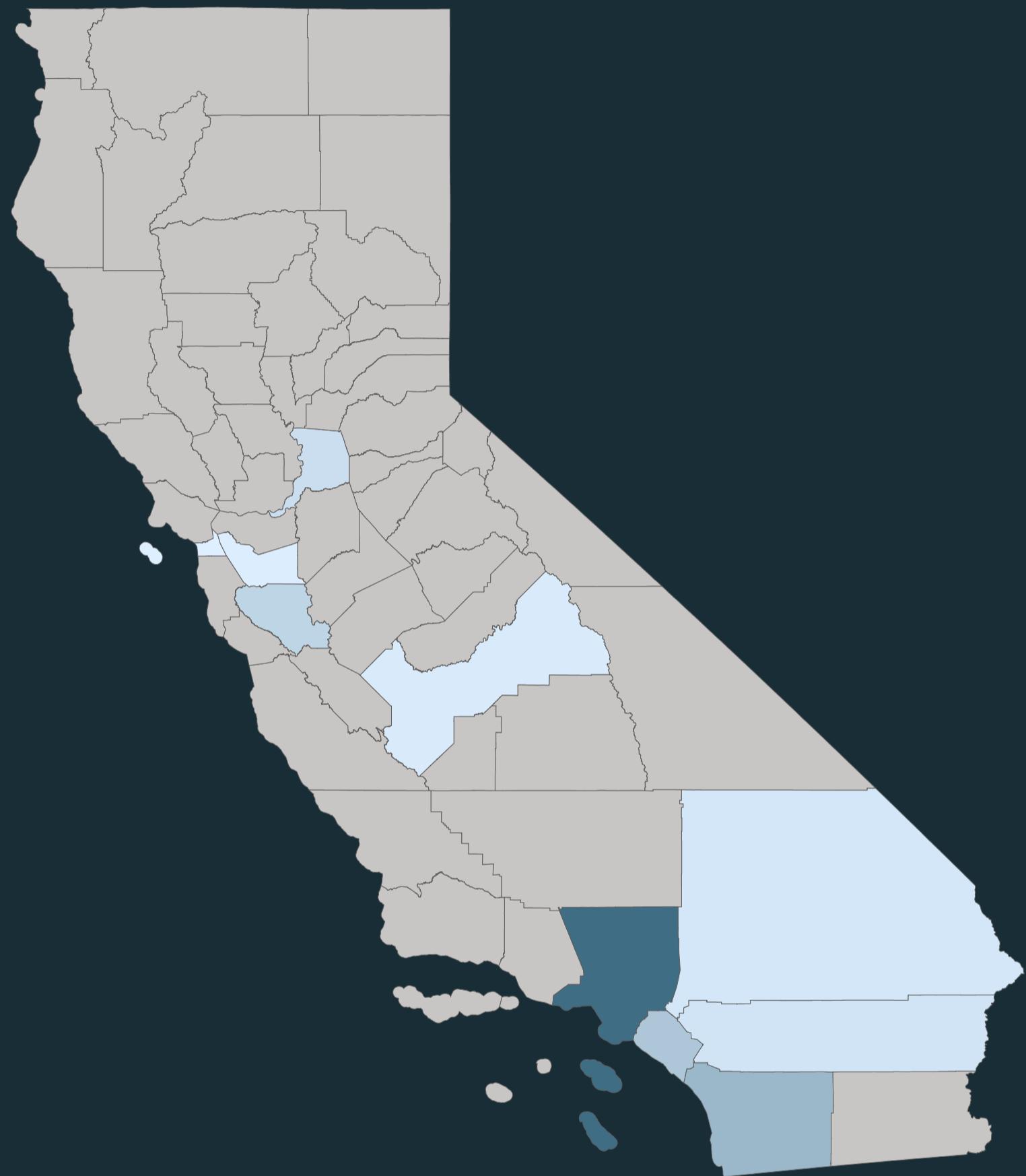
All

Year

All



Top 10 Counties with the Most Infections Reported



Inyo County shows a notably high average Standardized Infection Ratio (SIR) of 9.0, indicating a higher prevalence of Surgical Site Infections (SSI), while Los Angeles County strong achievement in infection control goals. Most counties with many surgical infections are found in the coastal and southern areas.