



# Healthcare Associated Infections Program

Center for Health Care Quality

August 2, 2012

# January 2012 HAI reports

- April 1, 2010 – March 31, 2011
  - Methicillin Resistant *Staphylococcus aureus* (MRSA) Bloodstream Infections (BSI)
  - Vancomycin Resistant *Enterococci* (VRE) BSI
  - Central line Associated Bloodstream Infections (CLABSI)
  - *Clostridium difficile* Infections (CDI)
- One quarter of data
  - Surgical Site Infections (SSI)

# August 2012 HAI reports

- Conversion to Calendar Year reporting
- Overlap of one quarter of data
  - January – March 2011
- 12 months of data
  - Exception SSI: 7-9 months of data

# Highlights

- MRSA/VRE
  - 2<sup>nd</sup> using NHSN data
  - Risk stratified – 7 hospital categories
  - Major Teaching and Long Term Acute Care higher rates than other categories
- SSI – 29 operative procedures
  - Seven to nine months of data
  - Risk adjusted – Standardized Infection Ratio (SIR)
  - 193/342 reporting hospitals with at least one SIR
    - 47 outside of normal – 33 low, 11 high and 3 both

# Highlights

- CLABSI
  - 2<sup>nd</sup> using NHSN data
  - Data grouped by patient care locations
  - Use CA calculated average for comparison
  - Overall 10% reduction 2010 to 2011
- CDI
  - Report delayed
  - New CDC NHSN risk adjustment methodology anticipated summer 2012 now delayed until late fall
  - Report under preparation
    - As previous using non-adjusted rates

HAI	% of Hospitals Participating		
	Data period		
	Prior to April 2010	April 2010 March 2011	January – December 2011
CLABSI	79	97	99
MRSA/VRE	87.7	94	95.1
SSI	n/a	n/a	99
CDI	87.2	91.4	94.6

# Participation Issues

- Non-reporters
  - Referral to Licensing and Certification Program
- SSI
  - Reconciliation with 2011 OSHPD data to identify non-reporters and low-reporters
- Validation Project – HAI Program
  - Conducted by Infection Preventionist Liaison Unit Staff

# What's New – HAI Map

- The SSI interactive map received the **2012 People's Choice Award for Best Public Sector App** at the Government Technology Conference (West): May of 2012.
- Expanded to include:
  - CLABSI
  - MRSA and VRE BSI
  - SSI - five additional surgical procedure categories for a total of nine

# My Hospital, Healthcare–Associated Infections

For more information on the infections and map data, see below.

## Infection Rates Map

INFECTION CATEGORIES:

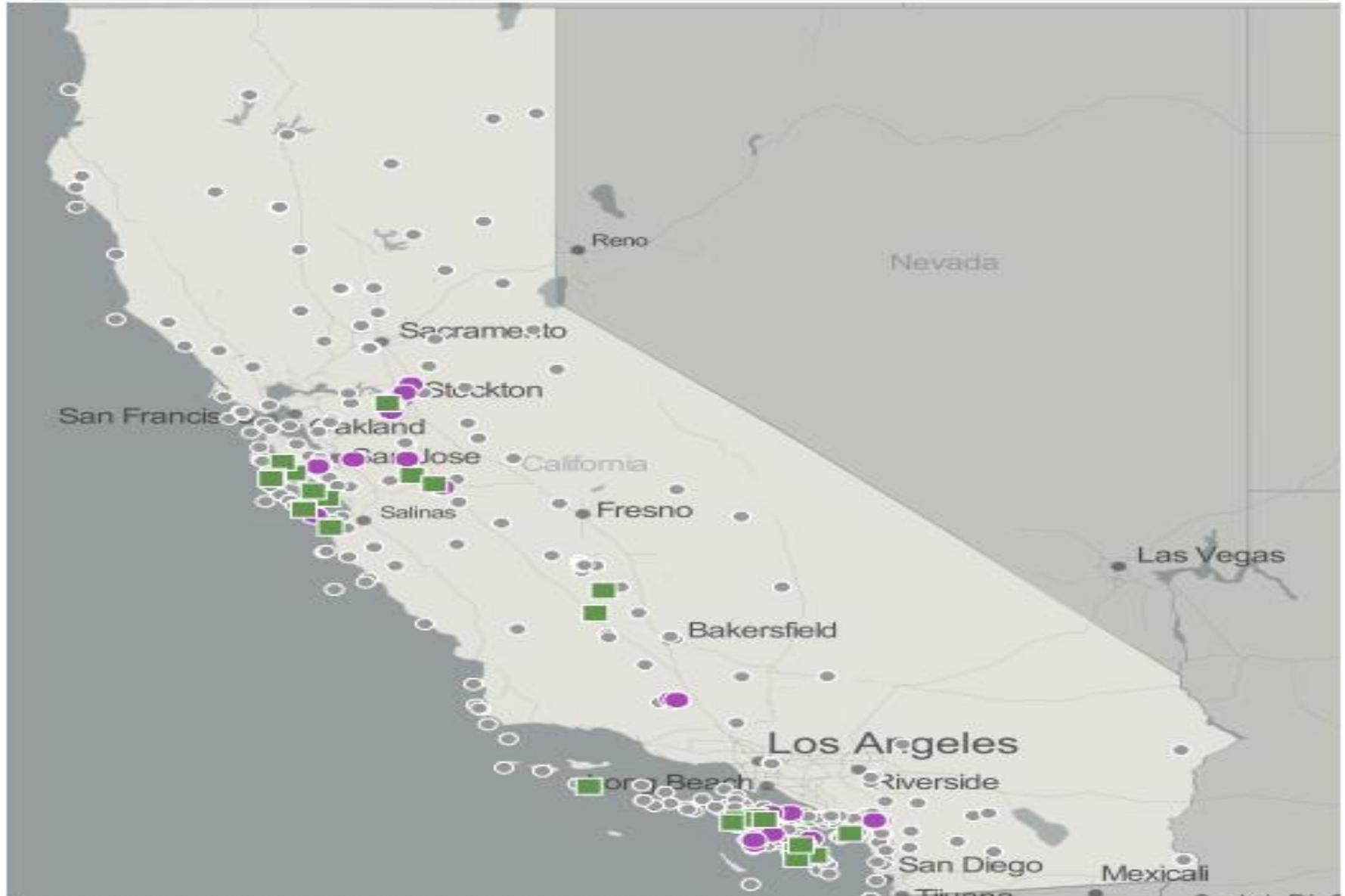
**MRSA** /

VRE

CLABSI

SSI for:

Select a surgical procedure



## About This Map

Publicly presenting information on individual hospitals' infection rates is a crucial part of the California Department of Public Health strategy to reduce healthcare associated infections (HAI).

We have provided this in two formats: detailed information on each of the 3 HAIs separately (see below) and the interactive map providing summary information on the 3 HAIs.

## About The Data

The comparisons on this map take into account how hospital patient populations differ in their risk of infection. Hospital data were used when there was sufficient volume to perform statistical comparisons. Each hospital's infection frequency or rate is compared to a standard. Please use caution when making comparisons between hospitals. The frequency of infections for hospitals may differ due to differences in patients' infection risks not accounted for, or differences in clinical, infection control, or surveillance practices.

  
NO COMPARISON LOWER SAME HIGHER

### LEGEND

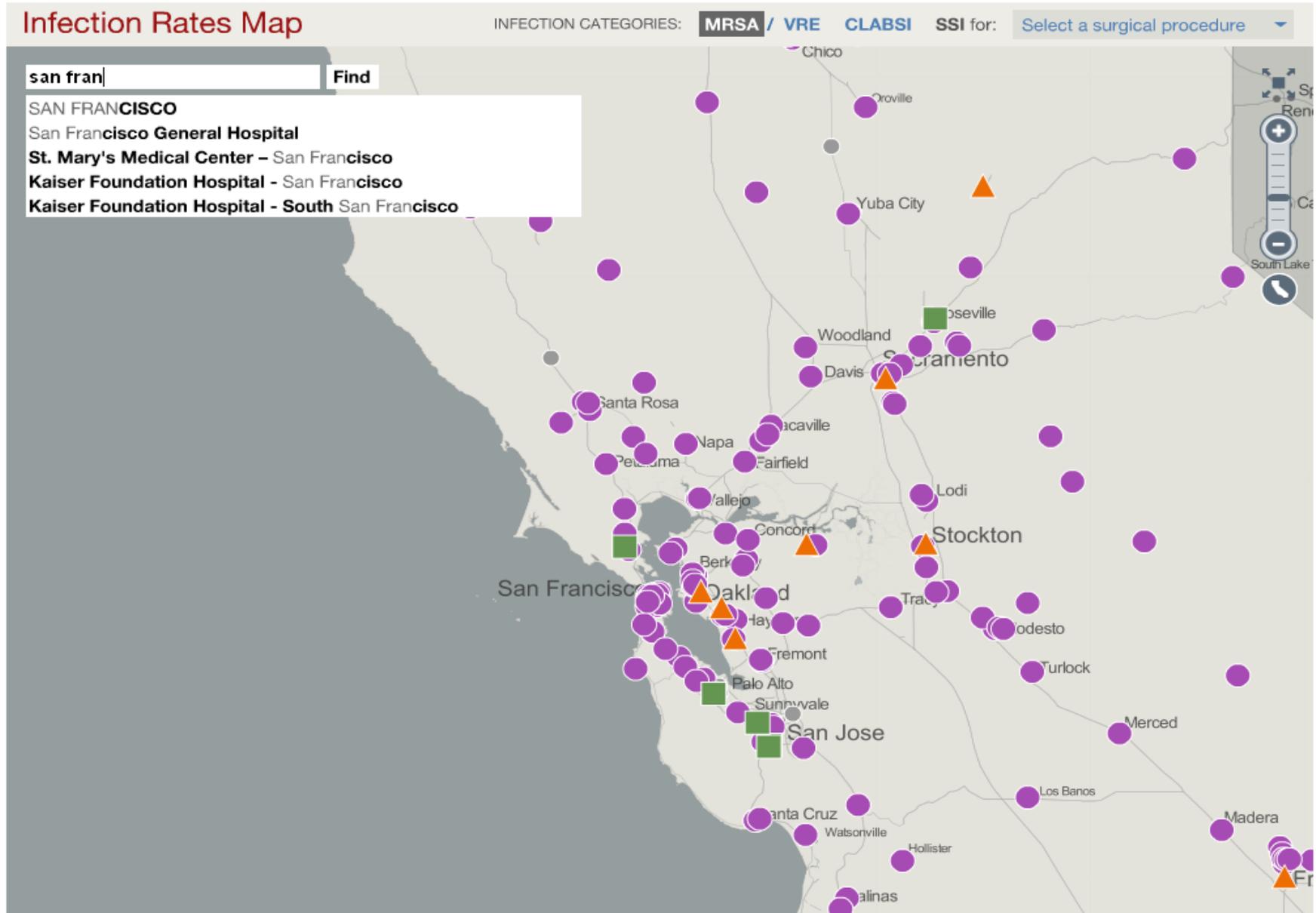
*Rates of infection per hospital are compared with the US national average for SSIs, and the California average for MRSA, VRE & CLABSI.*

**Lower is better.**

*In contrast to the other maps, the CLABSI map icon colors indicate hospitals with at least one **patient care location (PCL)** **lower**, the **same** and/or **higher** than state averages (i.e., icons may be multicolored). For additional information on specific PCLs in hospitals, see [CLABSI](#).*

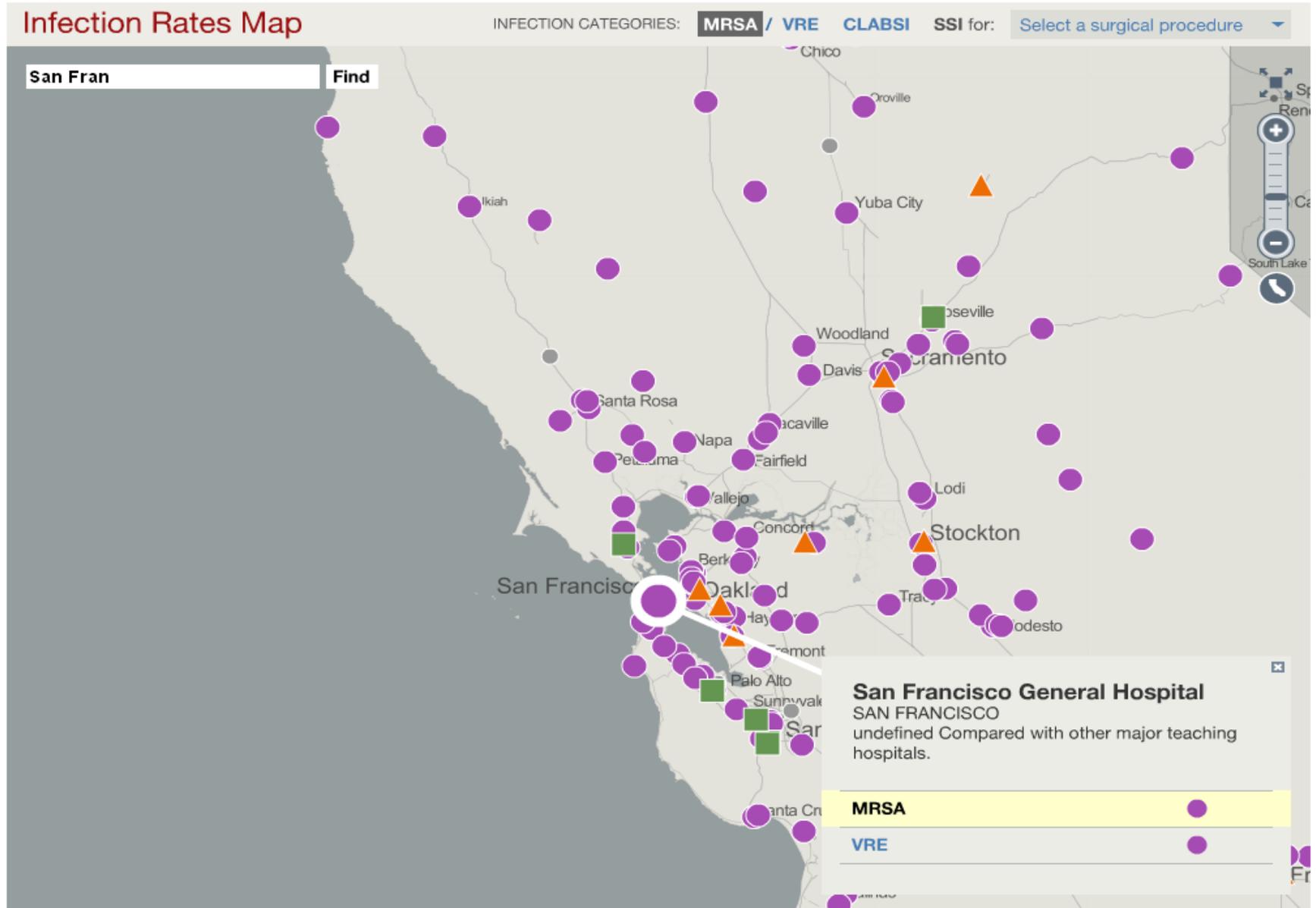
# My Hospital, Healthcare–Associated Infections

For more information on the infections and map data, see below.



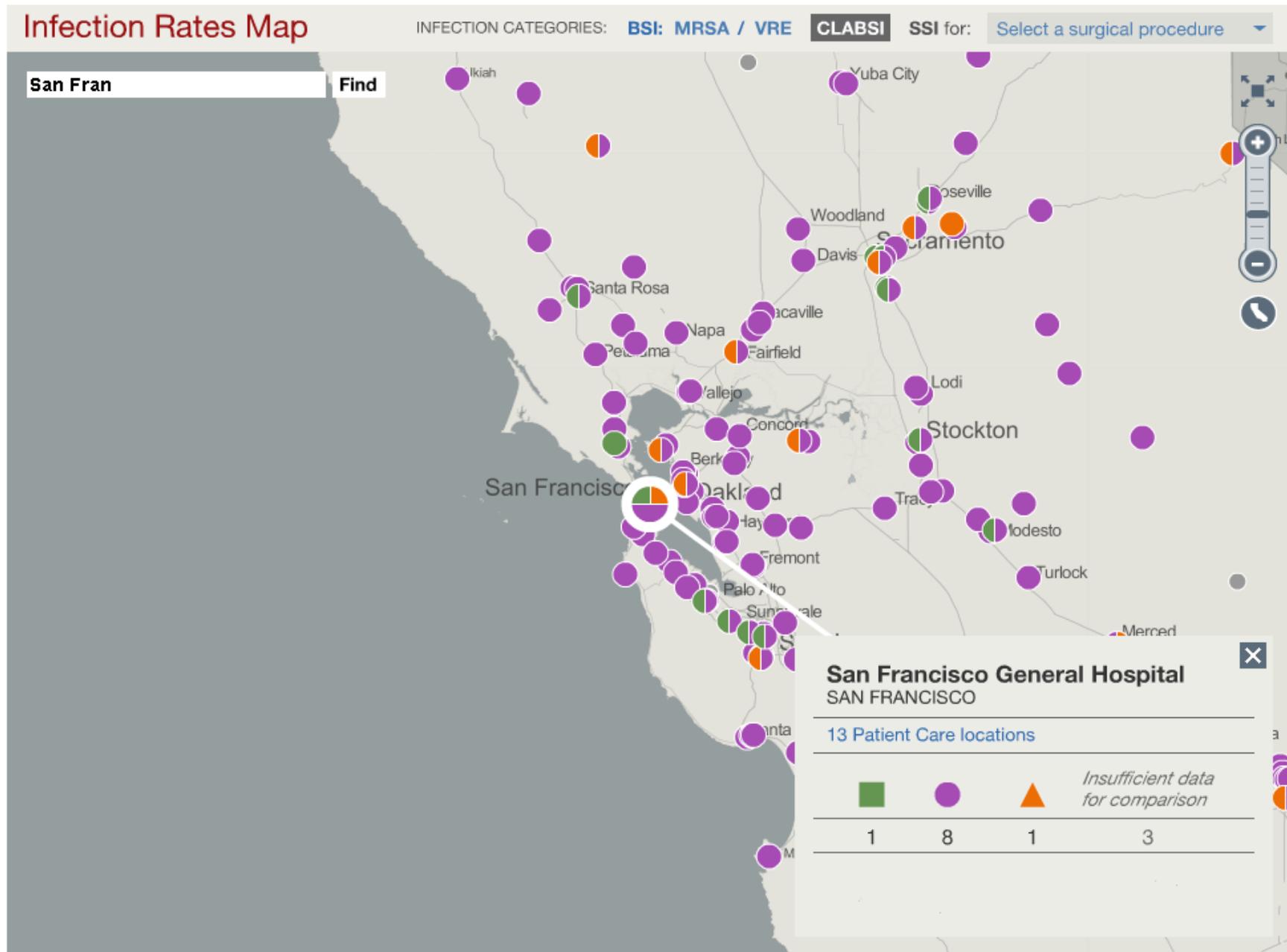
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