Healthcare-Associated Infections
HAI Interactive Map User Guide

Updated September 2023

Navigate Using a Keyboard for Accessibility

Tableau dashboards can be navigated with a keyboard for accessibility purposes. Use the "Tab" key to move around the page. The full list of keyboard shortcuts is available. (help.tableau.com/current/pro/desktop/en-us/shortcut.htm)

Printing

Printing the Hospital Profiles, Statewide Profiles, and County Profiles

1. Select "Print Version" at the top right corner. A new tab will then open with a printable version of the profile.
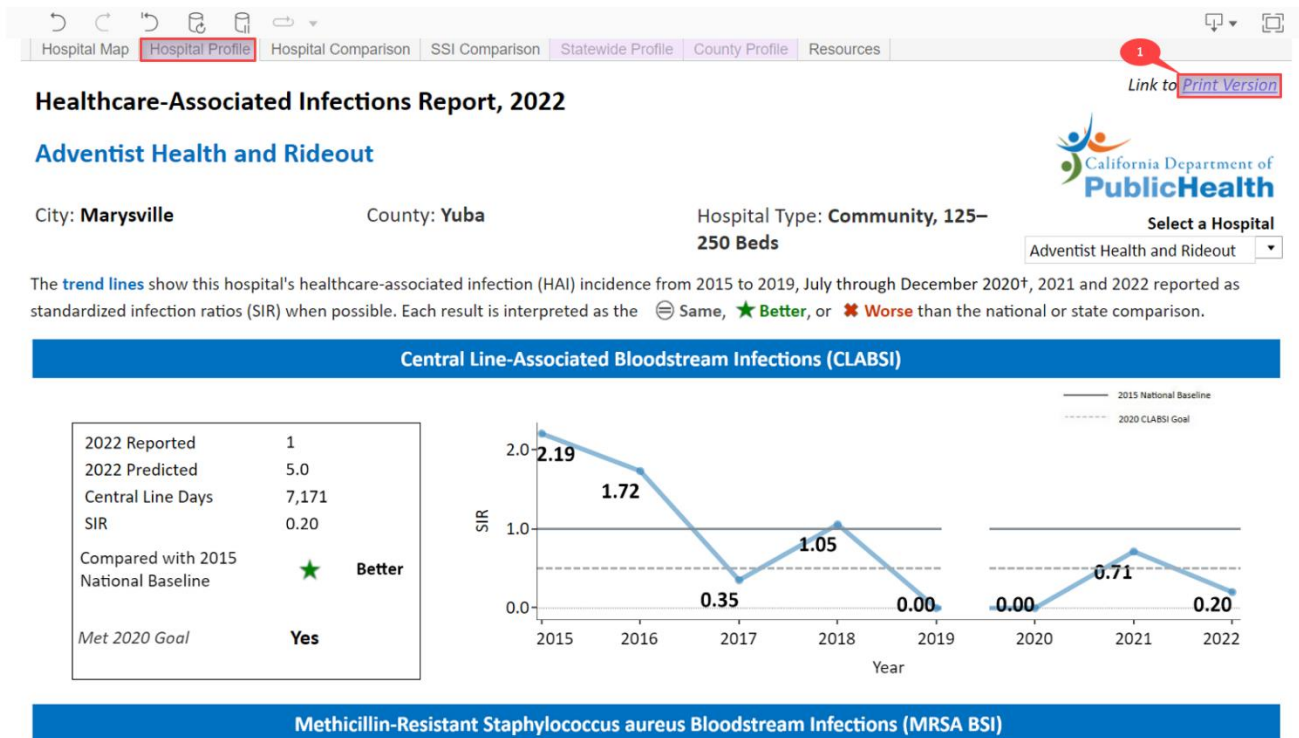
2. Click the Download button in the toolbar at the bottom of the page and then select "PDF."

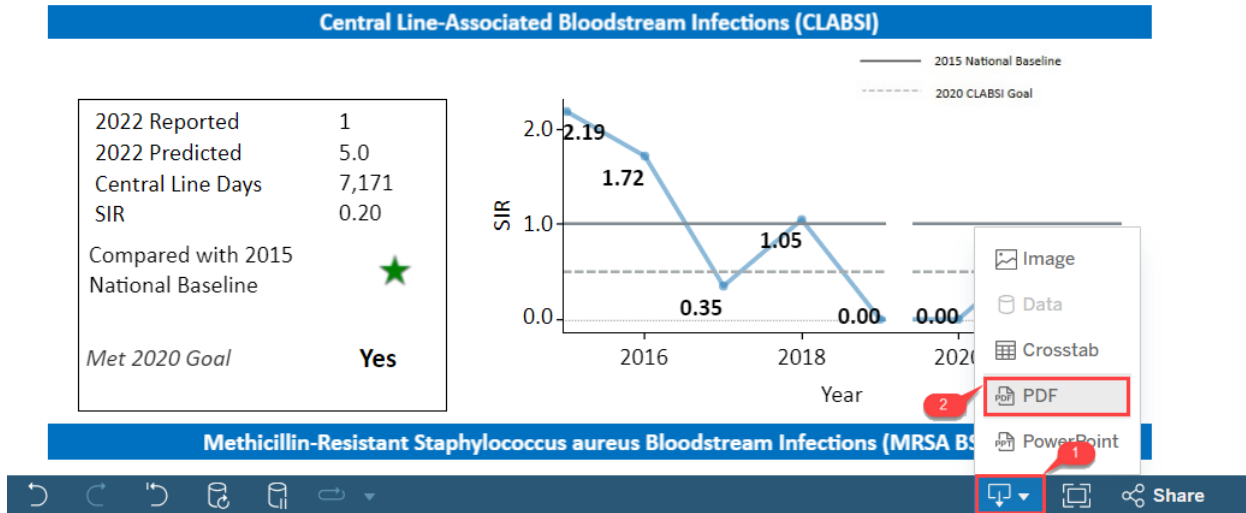### Healthcare-Associated Infections Report, 2022

Adventist Health and Rideout

California Department of **PublicHealth**

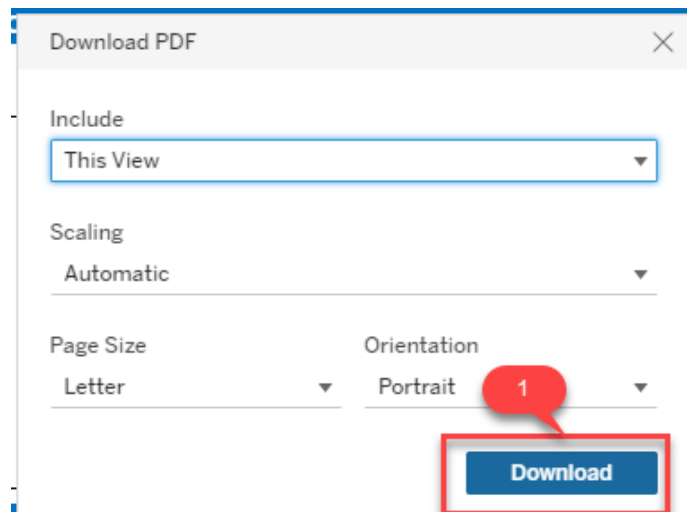City: **Marysville**   County: **Yuba**   Hospital Type: **Community, 125–250 Beds**

The **trend lines** show this hospital's healthcare-associated infection (HAI) incidence from 2015 to 2019, July through December 2020†, 2021 and 2022 reported as standardized infection ratios (SIR) when possible. Each result is interpreted as the ⊖ **Same**, ★ **Better**, or ✖ **Worse** than the national or state comparison.

Central Line-Associated Bloodstream Infections (CLABSI)

— 2015 National Baseline
----- 2020 CLABSI Goal

2022 Reported	1
2022 Predicted	5.0
Central Line Days	7,171
SIR	0.20
Compared with 2015 National Baseline	★
Met 2020 Goal	**Yes**

SIR values: 2.19, 1.72, 1.05, 0.35, 0.00, 0.00

Year: 2016, 2018, 2020

🖼 Image
🗄 Data
▦ Crosstab
📄 PDF
📄 PowerPoint

Methicillin-Resistant Staphylococcus aureus Bloodstream Infections (MRSA BS

⬇▾   ☐   ⤙ Share

3. The Download window appears. No changes are required, but optionally you may change "Scaling" to 80% and "Orientation" to Landscape for a better view. Click "Download."

Download PDF ✕

Include
This View ▾

Scaling
Automatic ▾

Page Size   Orientation
Letter ▾   Portrait ▾

Download

4. If you use Chrome as your browser, the downloaded PDF will show up at the bottom of your screen. If you use Microsoft Edge as your browser, it will show up on the top right corner of your screen. Here is a screen shot when using Chrome:
   Click to open the PDF document.

5. Once you open the PDF document, you can click either download ⬇ or print 🖨. Choose download if you want to save the document

Printing the Hospital Map, Hospital Comparison, and SSI Comparison

1. Click the Download button in the toolbar at the top of the page.

For example, under the SSI Comparison tab, click the Download icon.

2. Then select either "PDF" or "Image."

If "PDF" is selected, the Download PDF window appears. No changes are required, but optionally you may change "Scaling" to 80% and "Orientation" to Landscape for a better view. Click "Create PDF," then select "Download" when the PDF file has been generated.

3. Click to open the PDF document.

4. Once you open the PDF document, you can click either download [↓] or print [🖨]. Choose download if you want to save the document

If "Image" is selected, the Download Image window appears. Select "Download," and then an image is generated as a PNG file.

Once you open the image, click on the "+" icon to save.

Using the Hospital Map

1. The toolbar provides various options you can control

Undo   Redo   Reset   Refresh   Pause   Download   Full Screen

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.

   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.

   c. Refresh and Pause – these buttons are not applicable to the HAI Map and can be ignored.

   d. Download – This button allows you to print the dashboard as an image (PNG) or file (PDF).

   e. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, Statewide Profile, County Profile, and Resources dashboards.

3. The dropdown menus allow you to filter by locations and infection types. <u>All dropdown menus interact with each other, so a selection in one dropdown menu will determine the selections available in other dropdown menus.</u> For instance, if "San Francisco" is selected in the "Select by County" dropdown menu, then only hospitals located in San Francisco County will appear in the "Select by Hospital" dropdown menu.

Individual dropdown menus can be reset, and the selection settings can be adjusted
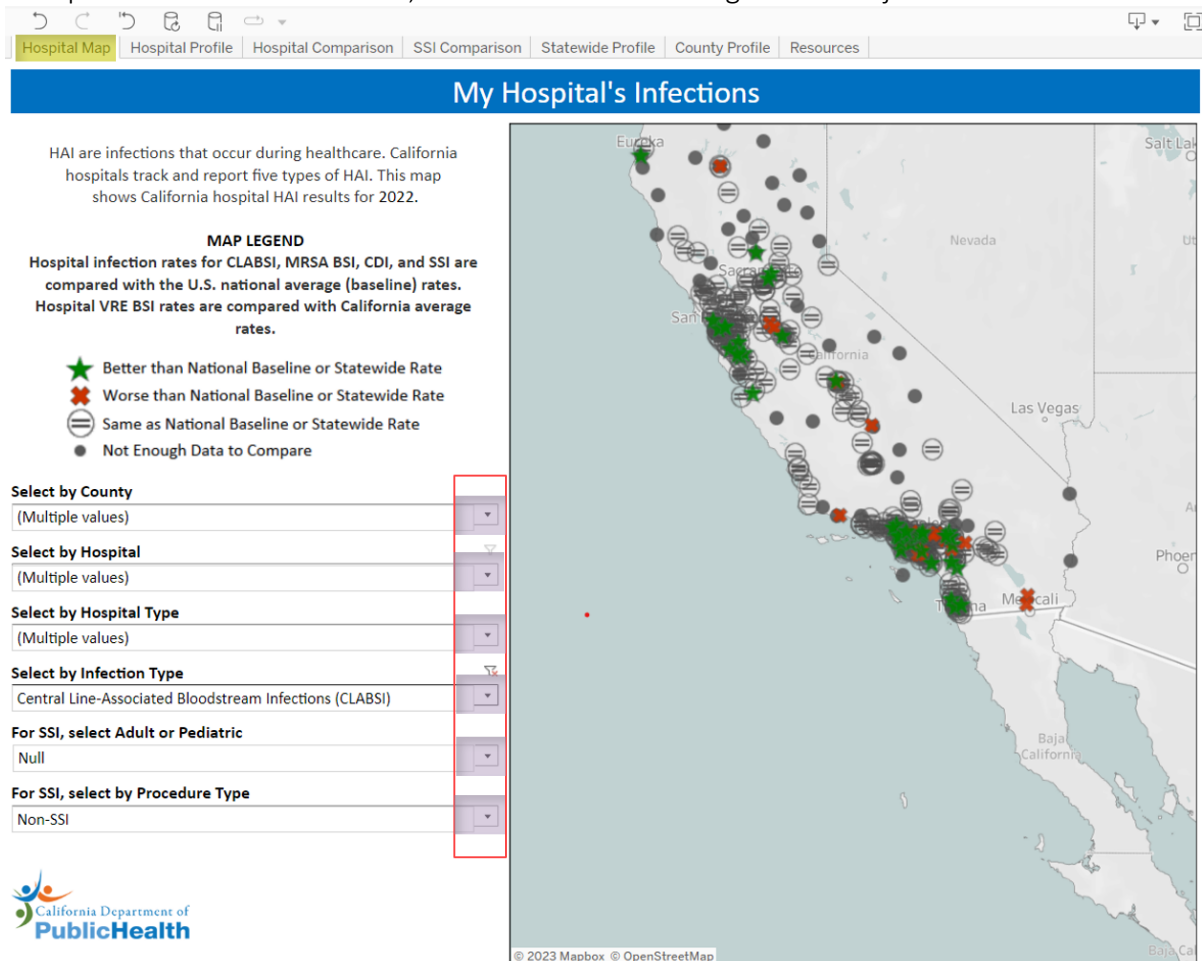
4. Select by County – This filter allows you to choose a specific county. By default, all counties are selected. You can search for a county by typing its name (or any part of its name) in the dropdown menu's search bar. For example, if I start typing "san", it shows me a list of all counties with "san" in their name. Please note that you can select multiple counties - the map will zoom based on the selection(s).

My Hospital's Infections

HAI are infections that occur during healthcare. California hospitals track and report five types of HAI. This map shows California hospital HAI results for 2022.

MAP LEGEND
Hospital infection rates for CLABSI, MRSA BSI, CDI, and SSI are compared with the U.S. national average (baseline) rates. Hospital VRE BSI rates are compared with California average rates.

★ Better than National Baseline or Statewide Rate
✖ Worse than National Baseline or Statewide Rate
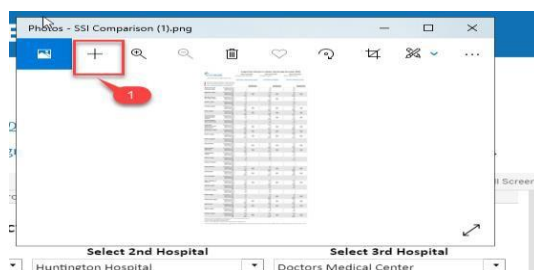⊖ Same as National Baseline or Statewide Rate
● Not Enough Data to Compare

Select by County

(Multiple values) ▼

san ✕

☑ San Benito
☑ San Bernardino
☑ San Diego
☑ San Francisco
☑ San Joaquin
☑ San Luis Obispo
☑ San Mateo

Cancel   Apply

Null ▼

For SSI, select by Procedure Type

Non-SSI ▼

California Department of
PublicHealth

a. Select by Hospital – This filter allows you to choose a specific hospital. By default, all hospitals are selected. You can search for a hospital by typing its name (or any part of its name) in the dropdown menu's search bar. If a county is selected then the hospital list will be narrowed down to the hospitals in that county. In this example we have chosen Kern County. Notice that the map zooms in on Kern County, and the Hospital list updates to only show hospitals in that County. Please note that you can select multiple hospitals - the map will zoom based on the selection(s).

compared with the U.S. national average (baseline) rates. Hospital VRE BSI rates are compared with California average rates.

★ Better than National Baseline or Statewide Rate
✖ Worse than National Baseline or Statewide Rate
⊖ Same as National Baseline or Statewide Rate
● Not Enough Data to Compare

Select by County

Kern ▾

Select by Hospital

(Multiple values) ▾

☑ (All)
☑ Adventist Health Bakersfield
☑ Adventist Health Delano
☑ Adventist Health Tehachapi Valley
☑ Bakersfield Heart Hospital
☑ Bakersfield Memorial Hospital
☑ Encompass Health Rehabilitation Hospital of Bakersfield
☑ Good Samaritan Hospital- Bakersfield
☑ Kern Medical Center
☑ Kern Valley Healthcare District
☑ Mercy Hospital
☑ Mercy Southwest Hospital
☑ Ridgecrest Regional Hospital

Cancel   Apply

© 2023 Mapbox © OpenStreetMap

b. Select by Hospital Type – This filter allows you to choose a specific hospital type. By default, all hospital types are selected. If a hospital type is selected, then other dropdown menus will adjust accordingly. For example, Long-Term Acute Care hospitals will limit infection types to Non-SSI because this hospital type does not have SSI data. In this example Critical Access and Major teaching hospital types are selected, so only those types of hospitals will appear on the map. Please note that you can select multiple hospital types - the map will zoom based on the selection(s).

My Hospital's Infections

HAI are infections that occur during healthcare. California hospitals track and report five types of HAI. This map shows California hospital HAI results for 2022.

MAP LEGEND

Hospital infection rates for CLABSI, MRSA BSI, CDI, and SSI are compared with the U.S. national average (baseline) rates. Hospital VRE BSI rates are compared with California average rates.

★ Better than National Baseline or Statewide Rate

✖ Worse than National Baseline or Statewide Rate

⊖ Same as National Baseline or Statewide Rate

● Not Enough Data to Compare

Select by County

(Multiple values) ▼
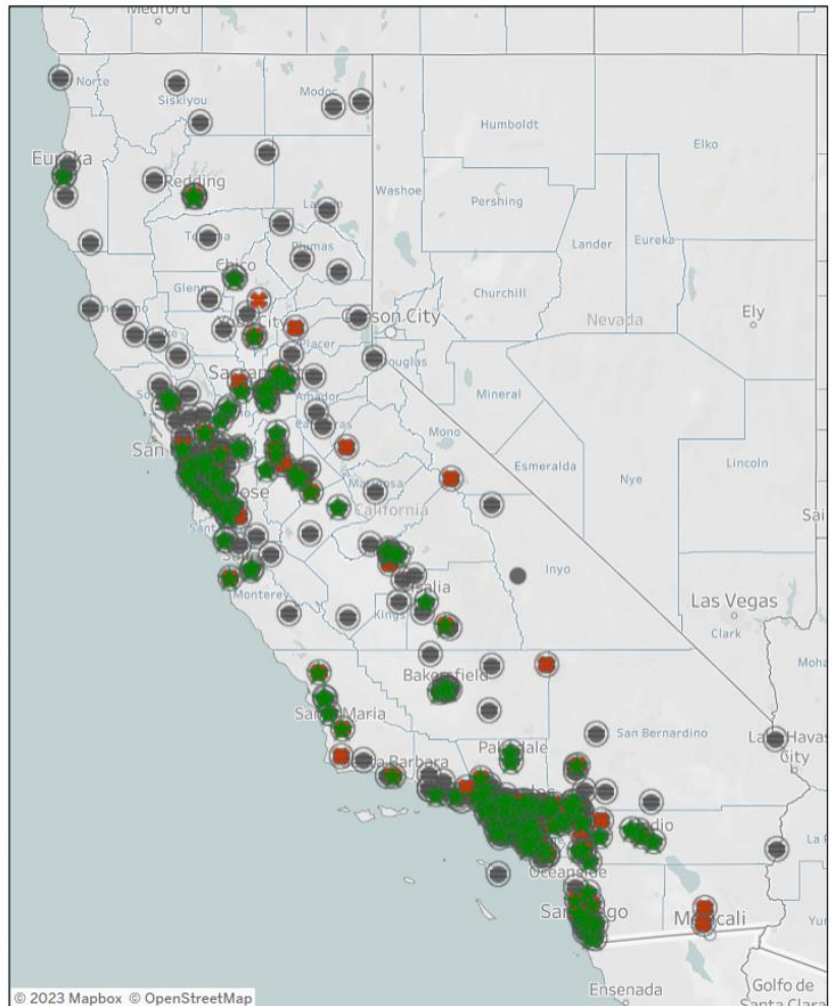
Select by Hospital

(Multiple values) ▼

Select by Hospital Type

(Multiple values) ▼

- ☐ (All)
- ☐ Community, <125 Beds
- ☐ Community, 125-250 Beds
- ☐ Community, >250 Beds
- ☑ Critical Access
- ☑ Major Teaching
- ☑ Pediatric
- ☐ Free-Standing Rehabilitation
- ☐ Long-Term Acute Care

Cancel   Apply

California Department of
**PublicHealth**

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c. Select by Infection Type – This filter allows you to choose a specific infection type. By default, no infection type is selected. Only one infection type can be selected at a time. If an infection type is selected, then other dropdown menus will adjust accordingly. The example below shows all CLABSI data on the map when no selections in other filters have been made.
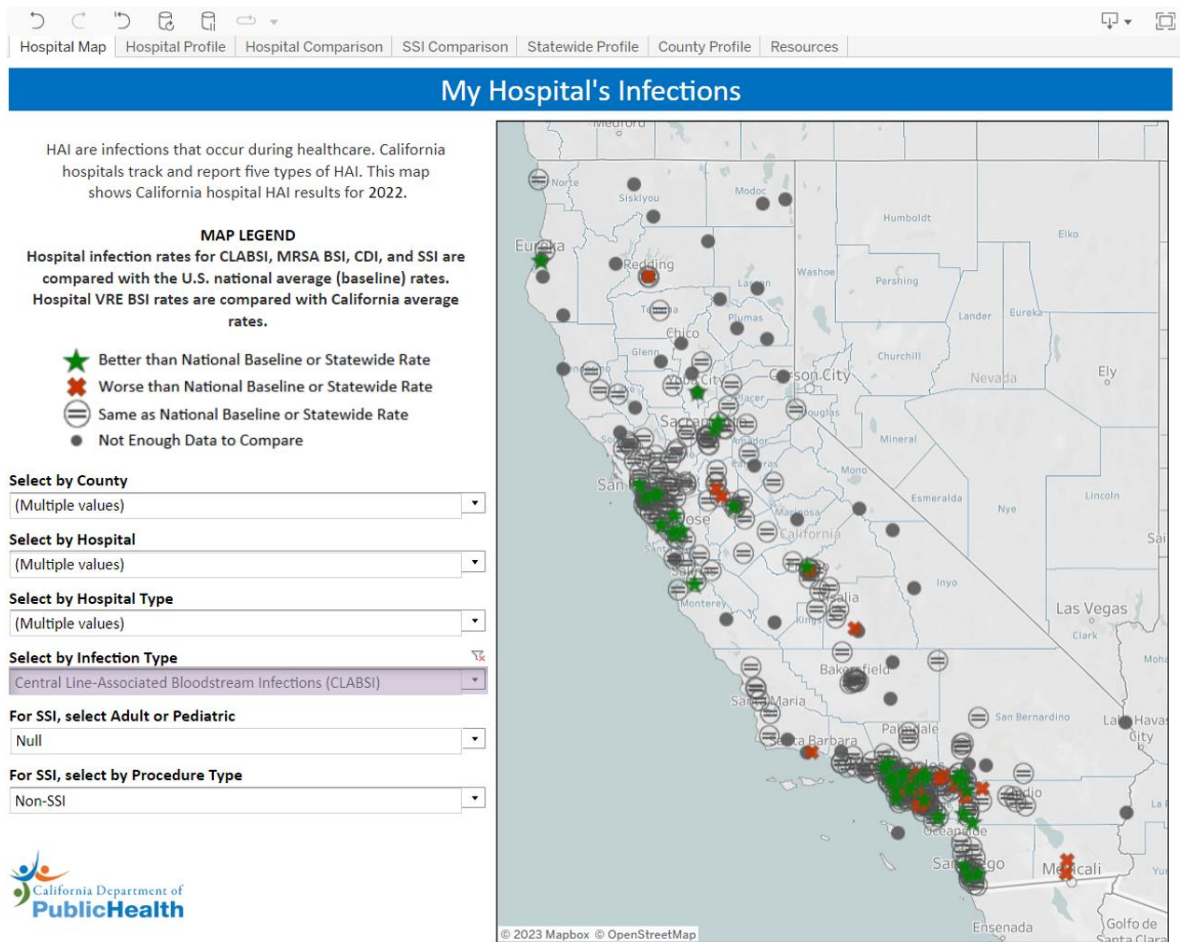

d. For SSI, select Adult or Pediatric – This filter allows you to choose between Adult and Pediatric SSI data if the SSI Infection Type is selected. By default, no age group is selected – if no selection is made in this dropdown menu then data for both age groups will populate the map, and the symbols won't be distinguishable. If an age group is selected, then other dropdown menus will adjust accordingly. For example, the selection of "Adult" will show the procedure types performed on this age group. Please note that SSI needs to be selected as the Infection Type before using this dropdown menu.

This example shows how the SSI filters are affected when MRSA BSI is selected as the Infection Type instead of the SSI Infection Type.

e. For SSI, select by Procedure Type - This filter allows you to select a specific surgical procedure if the SSI Infection Type is selected. By default, no procedure is selected – if no selection is made in this dropdown menu then data for all procedures will populate the map, and the symbols won't be distinguishable. Please note that SSI needs to be selected as the Infection Type and an age group needs to be selected before using this dropdown menu.
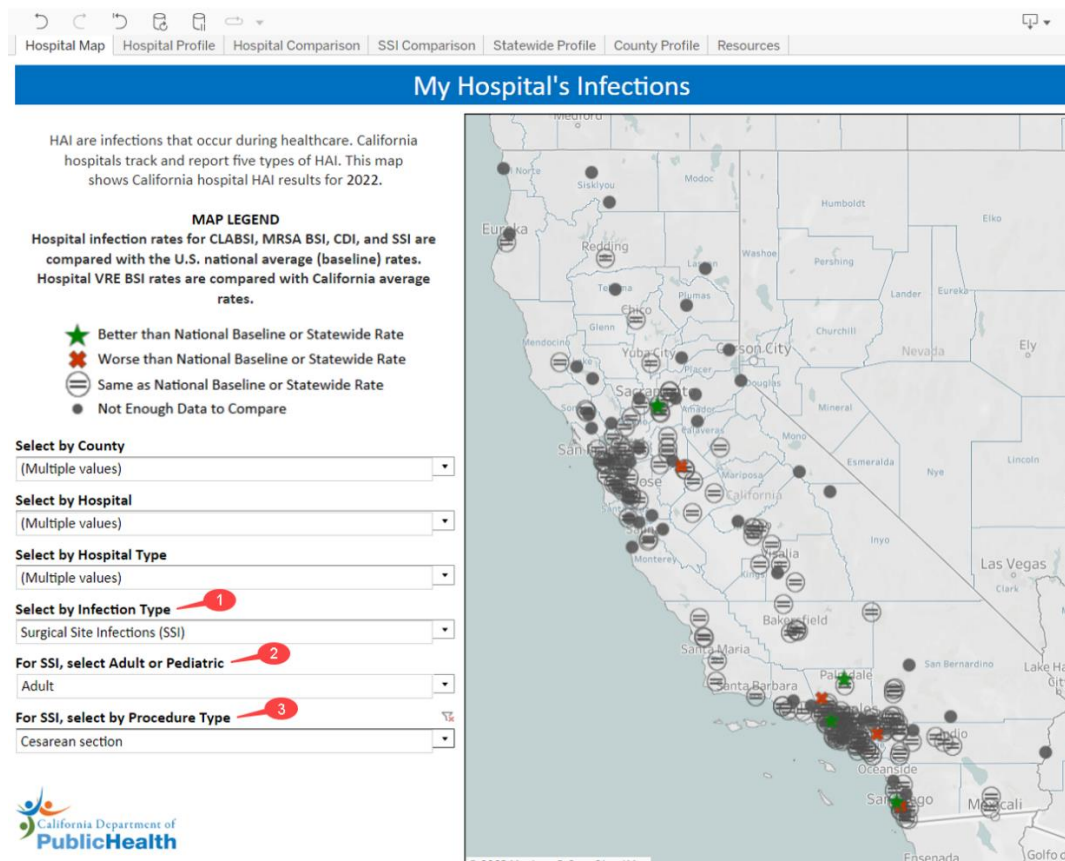
5. The map itself can be interacted with. Hover over the map to view the Map Control tools.
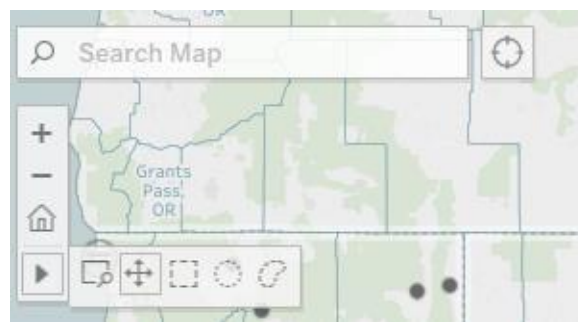
a. Click the magnifying glass and type in the search bar to search for a specific geographic location, such as City or County name.

b. The "+" and "-" symbols allow you to zoom in and out, respectively

c. Click the Home icon to reset the map to the default zoom level

d. Hover over the right-pointing arrow to see additional map controls. The default setting is the icon with overlapping arrows which allows you to click and drag to move the map. The other options give different ways of clicking and dragging to select data points on the map.

Using the Hospital Profiles

1. The toolbar provides various options you can control

Undo Redo Reset Refresh Pause Download Full Screen

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.
   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.
   c. Refresh, Pause, and Download – these buttons are not applicable to the Hospital Profile and can be ignored.
   d. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, Statewide Profile, County Profile, and Resources dashboards.

3. Select a Hospital filter - Click the drop-down menu to select a specific hospital and view its profile. The search bar updates the list dynamically as you type.

4. Make sure to scroll down to see all the information!

5. Please see instructions on how to print Hospital Profiles on page 1.

Using the Statewide Profiles
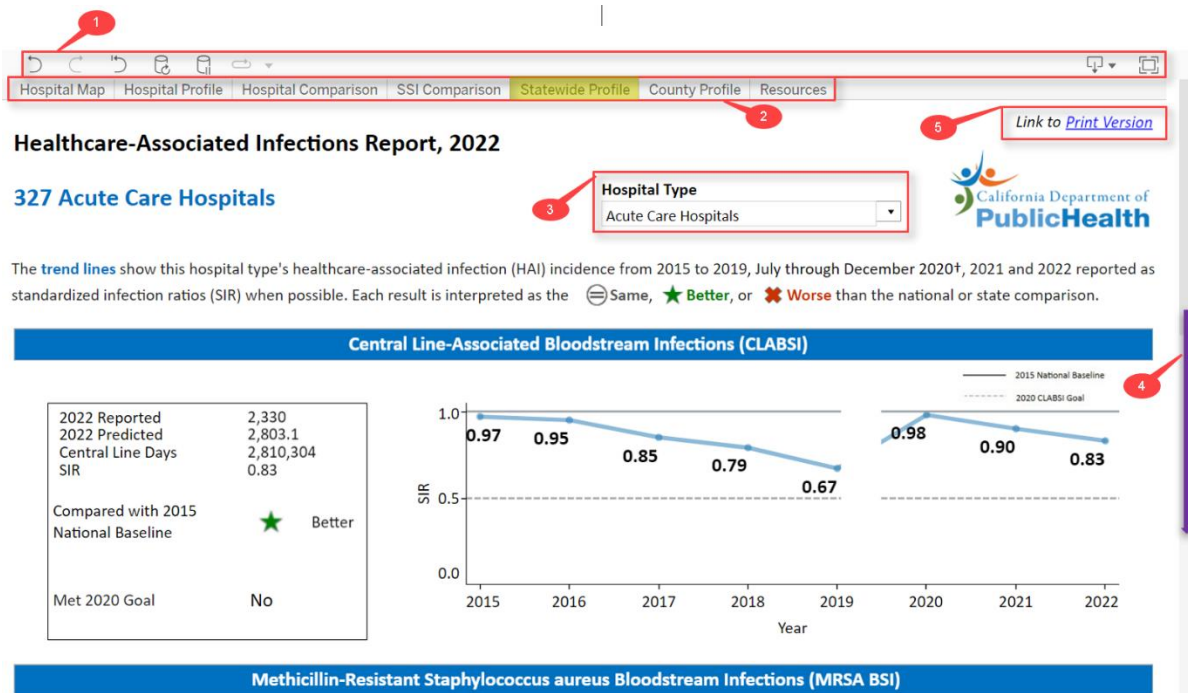
1. The toolbar provides various options you can control

Undo   Redo   Reset   Refresh   Pause   Download   Full Screen

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.
   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.
   c. Refresh, Pause, and Download – these buttons are not applicable to the Statewide Profile and can be ignored.
   d. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, Statewide Profile, County Profile, and Resources dashboards.

3. Hospital Type filter - Click the drop-down menu to select a specific hospital type and view its profile. The search bar updates the list dynamically as you type.

4. Make sure to scroll down to see all the information!

5. Please see instructions on how to print Statewide Profiles on page 1.

Using the County Profiles

1. The toolbar provides various options you can control

Undo Redo Reset Refresh Pause Download Full Screen

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.
   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.
   c. Refresh, Pause, and Download – these buttons are not applicable to the County Profile and can be ignored.
   d. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, Statewide Profile, County Profile, and Resources dashboards.

3. County filter - Click the drop-down menu to select a specific county and view its profile. The search bar updates the list dynamically as you type. County profiles are available for counties that have 5+ acute care hospitals, so not every county has a profile.

4. Make sure to scroll down to see all the information!

5. Please see instructions on how to print County Profiles on page 1.

Using the Hospital Comparison

1. The toolbar provides various options you can control

Undo Redo Reset Refresh Pause Download Full Screen

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.
   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.
   c. Refresh and Pause – these buttons are not applicable to the Hospital Comparison and can be ignored.
   d. Download – This button allows you to print the dashboard as an image (PNG) or file (PDF).
   e. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, and Resources dashboards.

3. Select 1st, 2nd, 3rd Hospital to Compare – Use these filters to choose specific hospitals to compare against each other. The search bar updates the list dynamically as you type.

4. The Hospital Comparison shows comparisons for multiple HAI types so make sure to scroll down to see all the information!
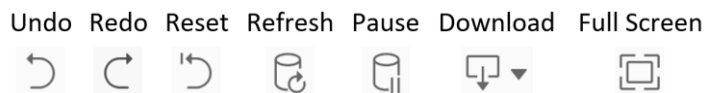
Using the SSI Comparison

1. The toolbar provides various options you can control

| Undo | Redo | Reset | Refresh | Pause | Download | Full Screen |

   a. Undo, Redo – Undo or Redo an action, such as modifying a filter setting.
   b. Revert – Allows you to completely undo all filter selections and "revert" to the original dashboard settings. Use this if you have made multiple filter selections and want to return to a clean slate.
   c. Refresh and Pause – these buttons are not applicable to the SSI Comparison and can be ignored
   d. Download – This button allows you to print the dashboard as an image (PNG) or file (PDF).
   e. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, Statewide Profile, County Profile, and Resources dashboards.

3. Select 1st, 2nd, 3rd Hospital to Compare – Use these filters to choose specific hospitals to compare against each other. The search bar updates the list dynamically as you type.

4. The SSI Comparison shows comparisons for 28 procedures so make sure to scroll down to see all the information!

Using the Resources

1. The toolbar provides various options you can control

Undo Redo Reset Refresh Pause Download Full Screen

   a. Undo, Redo, Revert, Refresh and Pause – these buttons are not applicable to the HAI Resources and can be ignored.
   b. Download – This button allows you to print the dashboard as an image (PNG) or file (PDF).
   c. Full Screen – This expands the dashboard to fill the entire screen. This is good for use in presentations. Click the "Esc" button on your keyboard to leave full screen mode.

2. These tabs allow quick navigation between the Hospital Map, Hospital Profile, Hospital Comparison, SSI Comparison, and Resources dashboards.

3. The right column contains a) a list of Frequently Asked Questions. The left column contains b) contact information.

4. There are several FAQs, so make sure to scroll down to see all the information!