

SC BIRTH OUTCOMES INITIATIVE DASHBOARD

boi.ifsreports.com

How to Use the SCBOI Interactive Dashboard

March 2024

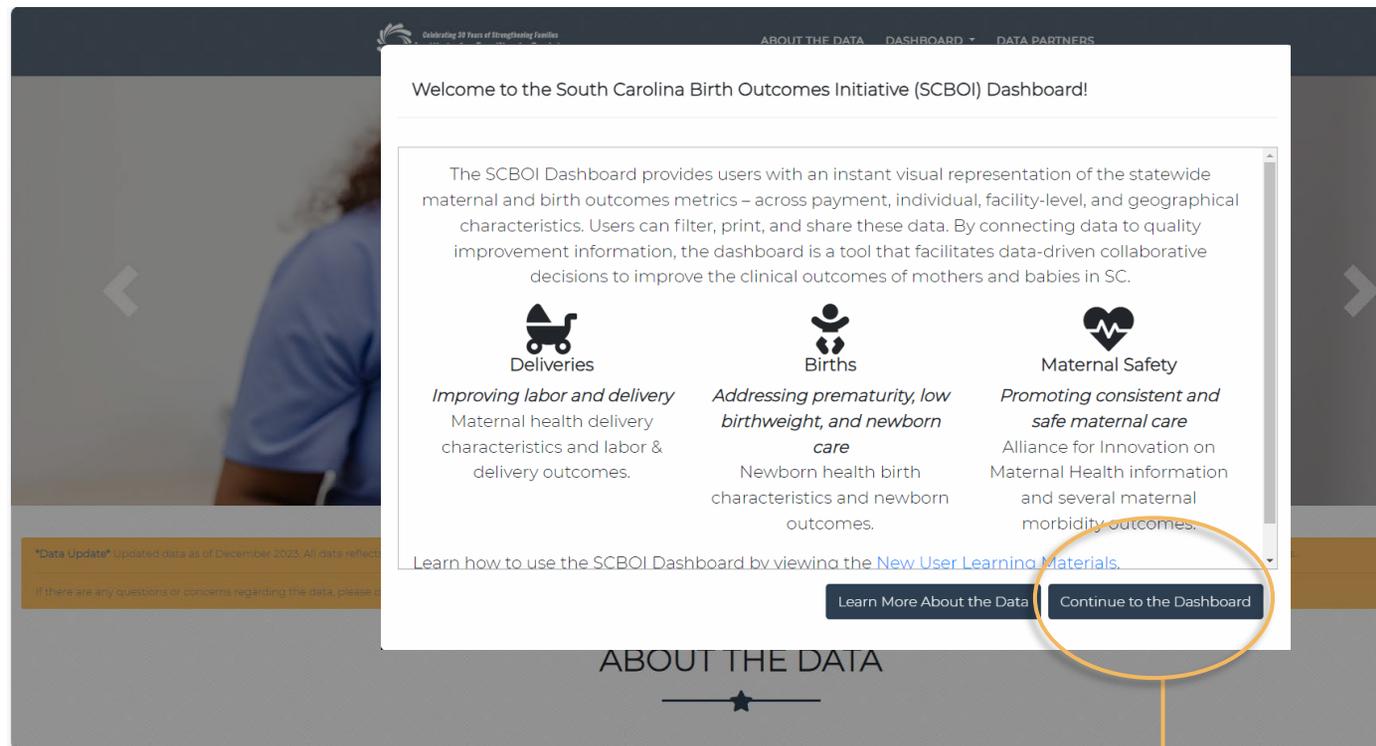


About

The SCBOI Interactive Dashboard provides an instant visual representation of statewide maternal and birth outcomes metrics across payment, individual facility, and geographical characteristics. Users can filter, print, and share these data. By connecting the data to quality improvement information, the dashboard can be used as a tool to facilitate data-driven collaborative decisions and improve the clinical outcomes of delivery patients and babies in South Carolina.

How to Use the SCBOI Interactive Dashboard

1. Go to boi.ifsreports.com.



2. Click **Continue to the Dashboard**.

3. Scroll through the homepage to learn about the dashboard and how to access its reports.

In **About the Data** and **About the Dashboard** you can learn about the various report tabs, key terms, and data sources.

 **TIP:** The **FAQs** provide information about accessing **individual hospital reports**.

SC Birth Outcomes Initiative Interactive Dashboard

ABOUT THE DATA

- Key Terms
- Outcomes
- Sources
- Caveats

[Download Complete Data Information](#)

ABOUT THE DASHBOARD

The SCBOI interactive dashboard provides users with an instant visual representation of the statewide maternal and birth outcomes metrics – across payment, individual, facility-level, and geographical characteristics. Users can filter, print, and share these data. By connecting data to quality improvement information, the dashboard is a tool that facilitates data-driven collaborative decisions to improve the clinical outcomes of mothers and babies in SC.

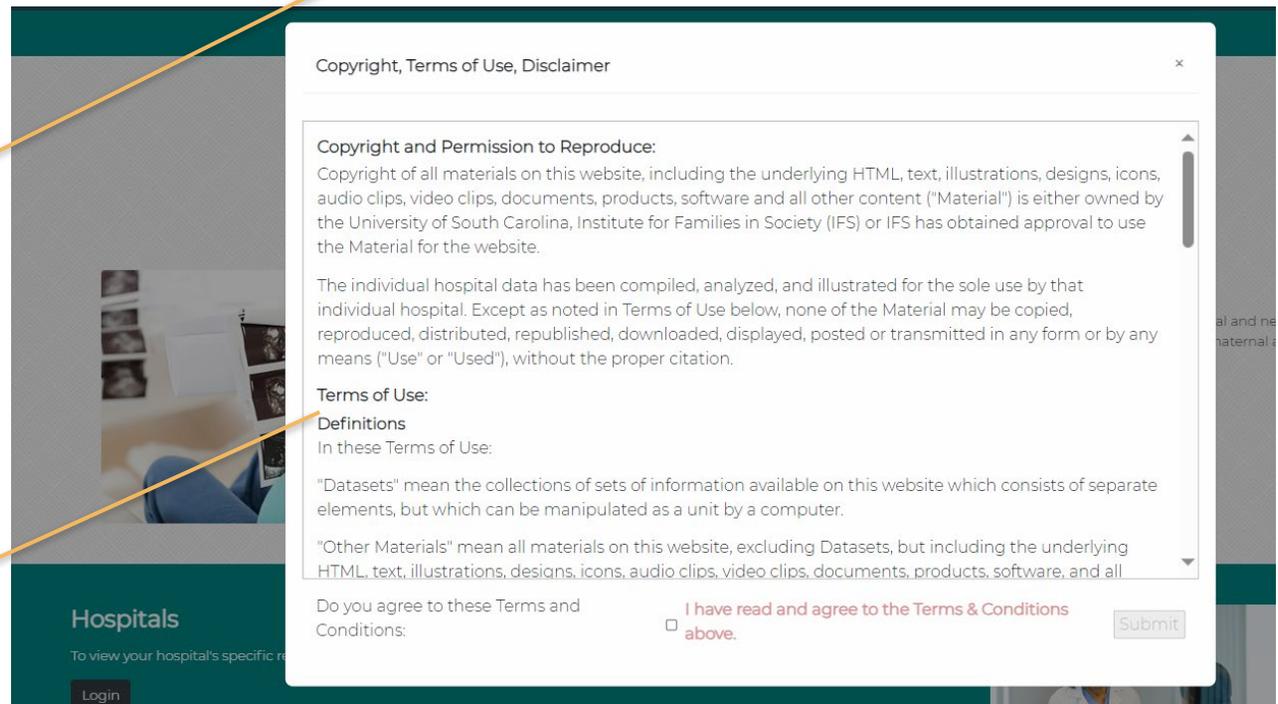
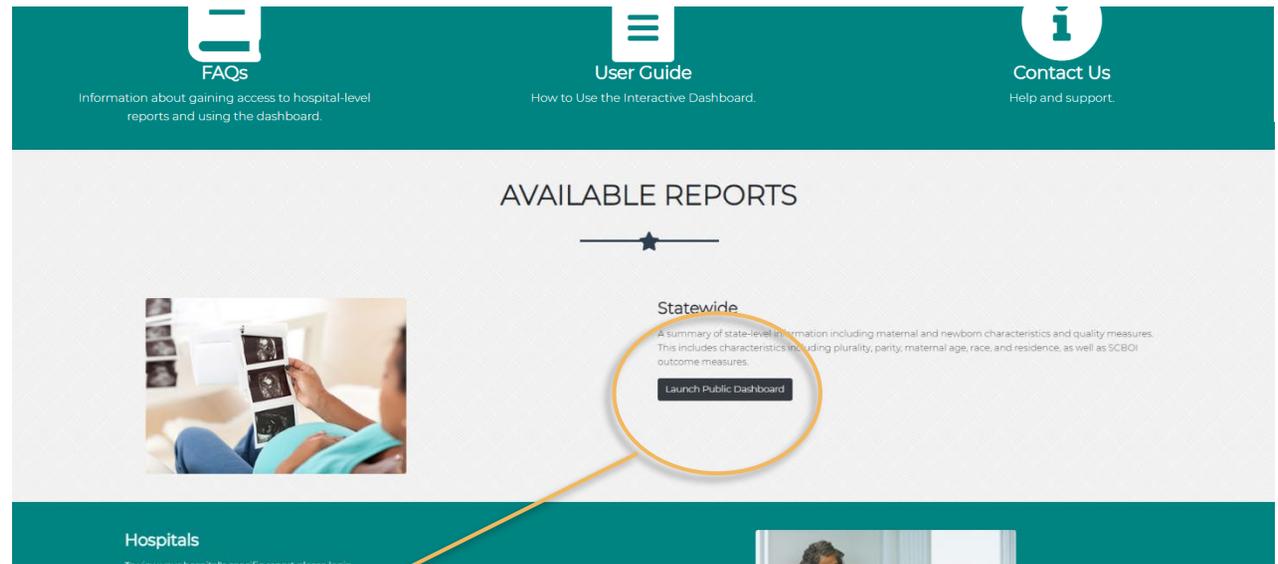
- Deliveries**
Improving labor and delivery
Maternal health delivery characteristics and labor & delivery outcomes.
- Births**
Addressing prematurity, low birthweight, and newborn care
Newborn health birth characteristics and newborn outcomes.
- Maternal Safety**
Promoting consistent and safe maternal care
Alliance for Innovation on Maternal Health information and several maternal morbidity outcomes.
- FAQs**
Information about gaining access to hospital-level reports and using the dashboard.
- User Guide**
How to Use the Interactive Dashboard.
- Contact Us**
Help and support.

4. In **Available Reports**, there are two options for launching the SCBOI Dashboard—**Statewide** and **Hospitals**.

Statewide is available to the public and does not require a login. This report provides state-level information including maternal and newborn characteristics and quality measures. It includes characteristics such as plurality, parity, maternal age, race, and residence, as well as SCBOI outcome measures.

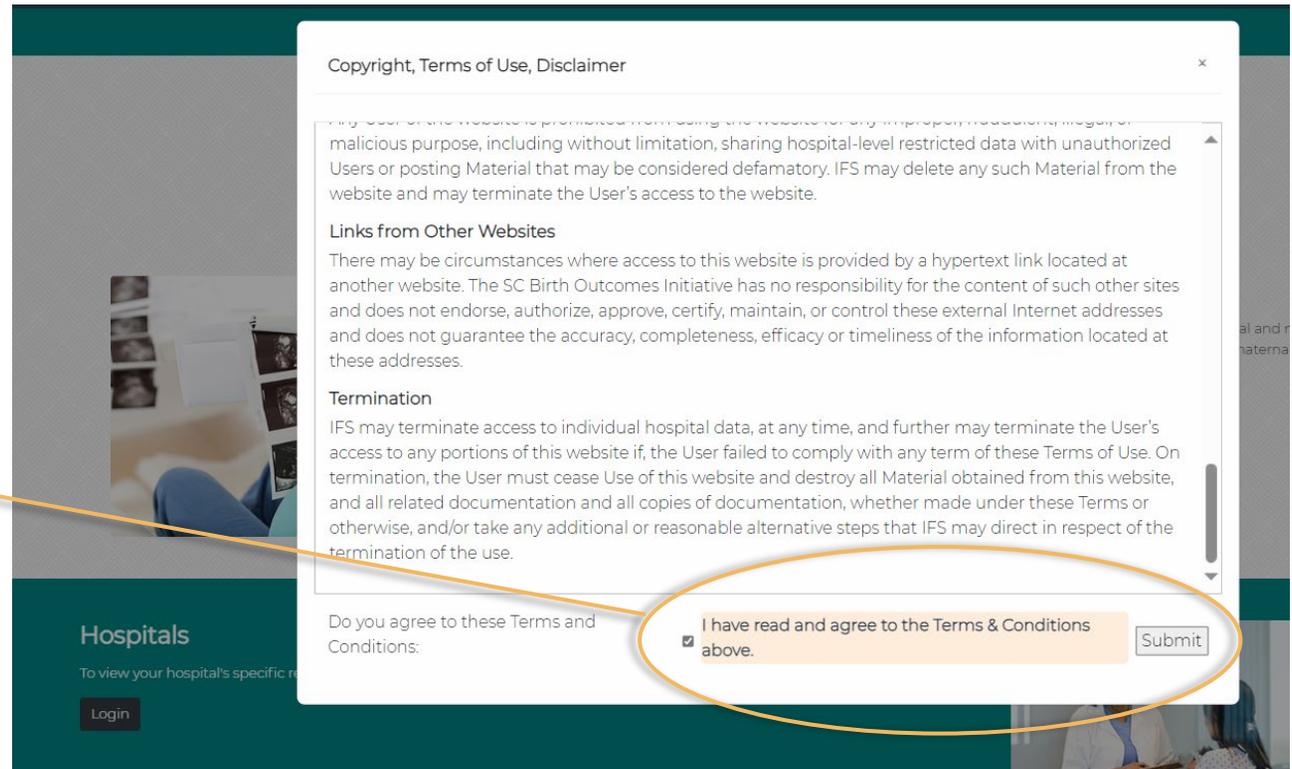
Click **Launch Public Dashboard** to explore the **Statewide** report.

NOTE: On the first launch of the Public Dashboard, you will see this popup with copyright information, Terms of Use for the presented data and materials, and other terms and conditions related to accessing the dashboard.



5. To agree to the presented Terms and Conditions, **click the checkbox area** at the bottom of the popup window.

After clicking the checkbox, the **Submit** button will be enabled. Click **Submit** to explore the statewide report.



The **Hospitals** option generates a similar report at the individual hospital level. These are only available to authorized users who have filled out a registration form and created a verified account. (See the FAQs for additional access information.)

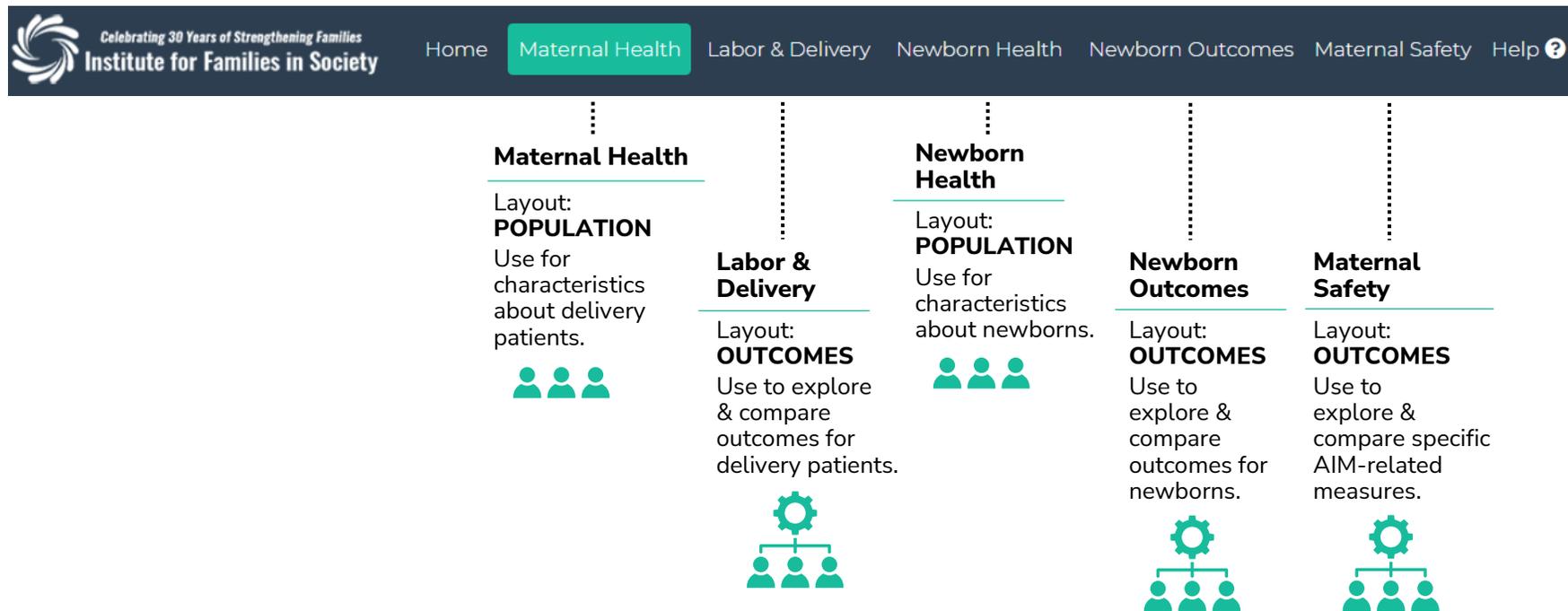
Click **Login** to enter credentials and view an individual hospital's report.



6. Using the Dashboard: The Report Tabs

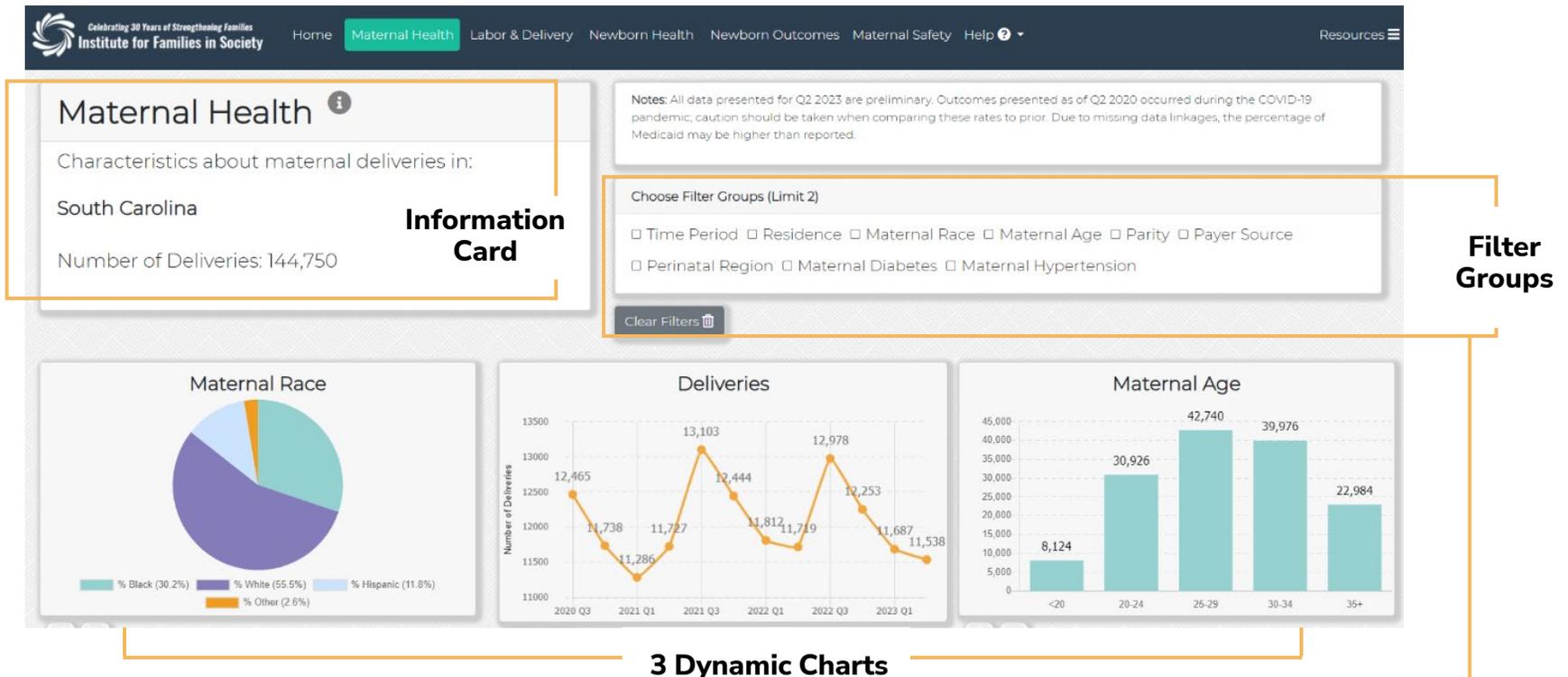
Launching either the Statewide or the Hospitals report opens the **Maternal Health** tab, which as seen in the navigation bar, is one of five available report views. (The example shown here is from the Statewide report window. The Hospital version differs slightly because it includes a login/ logout option.)

Each of the five tabs generates one of two types of report layouts—**POPULATION** or **OUTCOMES**.



7. Using the Dashboard: The Layouts

POPULATION Layout | Found on the **Maternal Health** and **Newborn Health** tabs



Initially there are no filters applied to the visualization, and the charts and figures reflect statistics for the entire population across all available periods. To see a subset of the population, check a filter group to apply it to the visualization.

NOTE: To protect personal health information, simultaneous filter group selection is limited to two.

Celebrating 20 Years of Strengthening Families
 Institute for Families in Society

Home **Maternal Health** Labor & Delivery Newborn Health Newborn Outcomes Maternal Safety Help Resources

Maternal Health

Characteristics about maternal deliveries in:

South Carolina

Number of Deliveries: 144,750

Notes: All data presented for Q2 2023 are preliminary. Outcomes presented as of Q2 2020 occurred during the COVID-19 pandemic; caution should be taken when comparing these rates to prior. Due to missing data linkages, the percentage of Medicaid may be higher than reported.

Choose Filter Groups (Limit 2)

Time Period Residence Maternal Race Maternal Age Parity Payer Source
 Perinatal Region Maternal Diabetes Maternal Hypertension

Maternal Race Clear Filters

After adding a filter group, you can select (check) and deselect (uncheck) its options. For example, to see information for rural delivery patients between 20 and 24 years of age, select the **Residence** and **Maternal Age** filter groups, then check **Rural** and **20-24** in the dropdown menus.

The charts and figures will automatically update, and your selections will appear in the Information Card under **Number of Deliveries**.

Maternal Health

Characteristics about maternal deliveries in:

South Carolina

Number of Deliveries: 10,054

Residence: Rural, Maternal Age: 20-24

Choose Filter Groups (Limit 2)

Time Period Residence Maternal Race Maternal Age Parity
 Perinatal Region Maternal Diabetes Maternal Hypertension

Residence Maternal Age Clear Filters

Maternal Age

<20
 20-24
 25-29
 30-34

Clear Filters

To clear the filter selections, click the **Clear Filters** button.

OUTCOMES Layout | Found on the **Labor & Delivery, Newborn Outcomes, & Maternal Safety** tabs

When you first open these tabs, there are no filters applied, and the charts and figures shown reflect statistics for all of South Carolina, across all available periods.



Celebrating 30 Years of Strengthening Families
 Institute for Families in Society

Home Maternal Health **Labor & Delivery** Newborn Health Newborn Outcomes Maternal Safety Help ? Resources

Labor & Delivery

South Carolina

Select a Measure Using the Dropdown

Total C-Section

Choose Filter Groups (Limit 1)

- Time Period
- Residence
- Payer Source
- Maternal Race
- Maternal Age
- Perinatal Region
- Maternal Diabetes
- Maternal Hypertension

Clear Filters

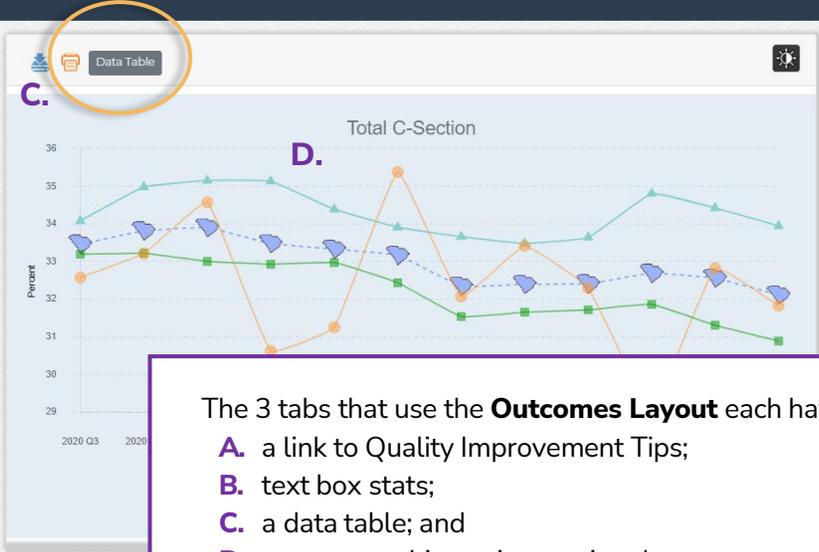
Notes: All data presented for Q2 2023 are preliminary. Outcomes presented as of Q2 2020 occurred during the COVID-19 pandemic; caution should be taken when comparing these rates to prior. Due to missing data linkages, the percentage of Medicaid may be higher than reported.

*For all measures use the Data Table Button to see counts.

A. [Improvement Tips for Elective Deliveries](#)

B.

Perinatal Level I Overall Percent 32.4	Perinatal Level II Overall Percent 32.2	Perinatal Level III+ Overall Percent 34.3	South Carolina Overall Percent 33.0
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The 3 tabs that use the **Outcomes Layout** each have:

- A. a link to Quality Improvement Tips;
- B. text box stats;
- C. a data table; and
- D. a measure-driven, time-series chart.

Because these tabs are measure driven, selecting the **Measure** of interest is the first step in using this report view effectively. Choose a measure using the dropdown directly under the title. After selecting a measure, the chart and text boxes will update to reflect your choice.

Labor & Delivery

South Carolina

Select a Measure Using the Dropdown

Total C-Section



To view a subset of the data, select and apply a filter to the visualization by clicking one in the filter group choices. To protect individual identity, the filter group selection on the Outcomes Layout is limited to one.

The screenshot displays the 'Labor & Delivery' dashboard for South Carolina. The main chart, 'Total C-Section', shows a fluctuating trend in C-section rates over four quarters of 2022. The 'Choose Filter Groups (Limit 1)' menu is highlighted, showing 'Residence' as the selected filter. The 'Residence' dropdown menu is also shown, with 'Rural' selected. The dashboard includes a 'Data Table' button and a 'Clear Filters' button. A note at the bottom states: 'All data presented for Q2 2023 are preliminary. Outcomes presented as of caution should be taken when comparing these rates to prior. Due to missing data, rates may be lower than reported.'

In adding a filter group (ex. **Residence**), you can select (check) and deselect (uncheck) its options (ex. **Rural** and **Urban**). Continuing the example, to see data for Rural delivery patients only, select the Residence filter group and then Rural in the dropdown menu.

The charts and figures automatically update to reflect your selection.



To view the data that comprises the time-series chart as a table, click on the **Data Table** button above the chart.

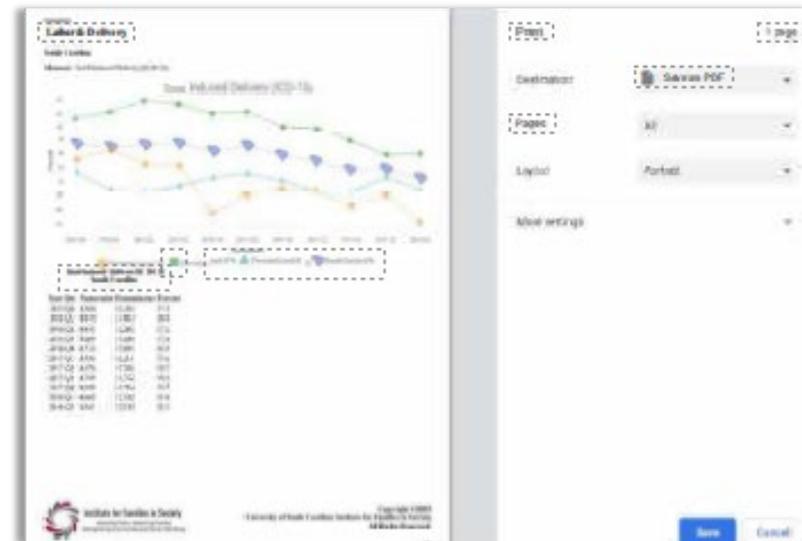


Year Qtr.	Numerator	Denominator	Percent
2020 Q3	292	1,062	27.5
2020 Q4	293	1,023	28.6
2021 Q1	266	999	26.6
2021 Q2	238	921	25.8
2021 Q3	273	1,138	24.0
2021 Q4	281	1,064	26.4
2022 Q1	231	1,012	22.8
2022 Q2	247	979	25.2
2022 Q3	262	1,100	23.8
2022 Q4	241	1,080	22.3
2023 Q1	237	964	24.6
2023 Q2	219	917	23.7

8. Printing a Report

The SCBOI Dashboard uses your web browser to prepare a document for printing.

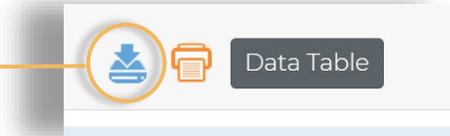
For most browsers, clicking on the print icon will open a window that shows a preview of the document to be printed. The elements currently visible on the screen will be arranged to fit on the page, and you may be prompted to save the document as a PDF or to send directly to a printer (depending on your browser settings).



9. Exporting Charts

To export a chart for later viewing, click the **export chart button**.

This will open your browser's download pop-up window and allow you to save an HTML file that contains the chart image in PNG format, along with information about your filter choices. To open the downloaded file, click it, and the HTML document will open in your default browser.



NOTE: Saving the image by right-clicking and choosing "save image" will not include information about the filters that were applied to the visualization.

10. Features & Resources

A screenshot of the SCBOI dashboard. The top navigation bar is dark blue with the Institute for Families in Society logo and text 'Celebrating 30 Years of Strengthening Families'. The main content area is light grey. On the left, there's a section titled 'Labor & Delivery' with a sub-section for 'South Carolina' and a dropdown menu. On the right, there's a chart titled 'Total C-Section' with a 'Data Table' button above it. Two callout boxes with orange borders point to specific features: one points to an information icon ('i') in the 'Labor & Delivery' section, and the other points to a dark mode icon (a sun with a crescent moon) in the top right corner of the chart area.

Embedded Information

Important information and data definitions are quickly accessible within the SCBOI dashboard by clicking the "i" button.

Dark Mode

Some pages of the SCBOI Dashboard provide the option to view them in dark mode. To enable dark mode, click the icon that looks like a partially shaded sun.

Detailed information about data sources and methods in the **Resources** section of the dashboard can be accessed through the navigation bar on the Statewide report, or at the bottom of the screen on individual Hospital reports. (Scroll below the visualizations.)

On the **Statewide** report, the **Resources** button opens a side bar menu.



On **Hospital** reports, **Sources** are at the bottom of the screen.

