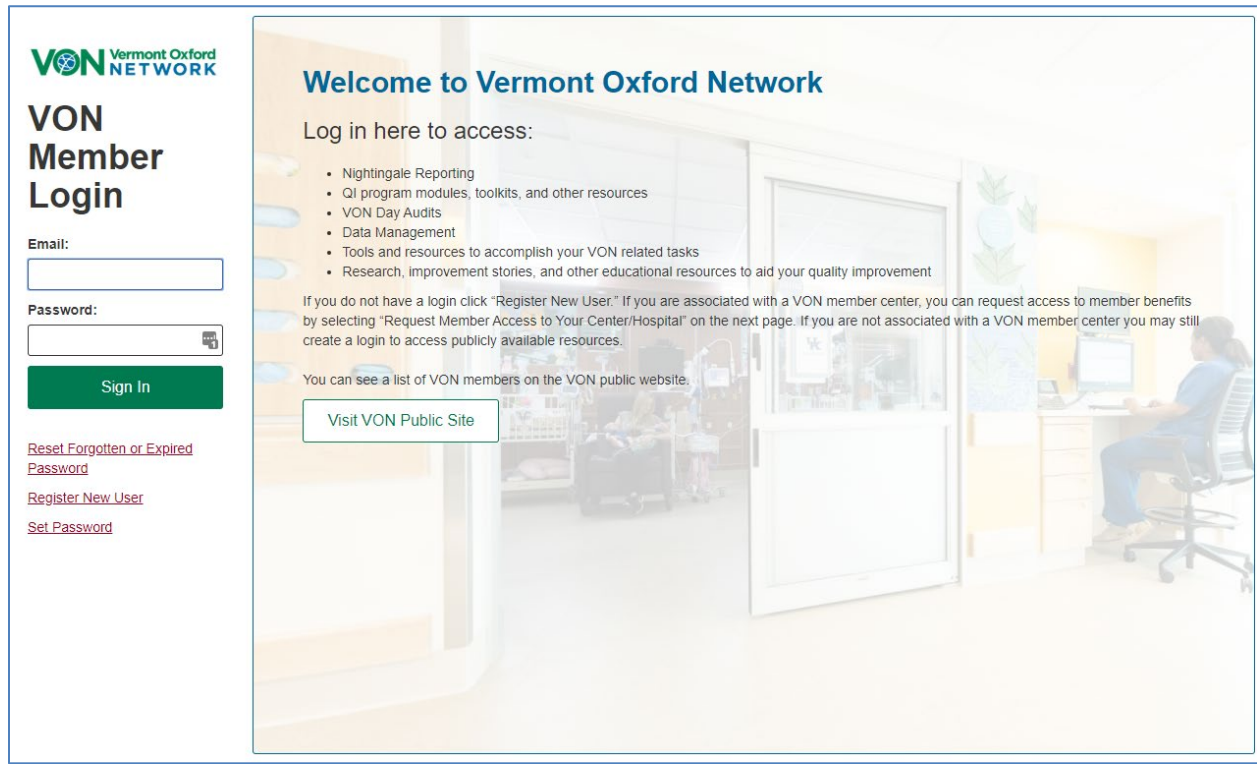


## Guidance for Vermont Oxford Members on Completing The Leapfrog Group Hospital Survey High-Risk Delivery Measures

The VON numbers that you need can be found only on Vermont Oxford Network's Nightingale Internet Reporting System.

If you have a username and password, go to: <https://nightingale.vtoxford.org>



The screenshot shows the Vermont Oxford Network Member Login page. On the left, there is a login form with the VON logo at the top. The form includes fields for Email and Password, a Sign In button, and links for Reset Forgotten or Expired Password, Register New User, and Set Password. The main content area features a large background image of a hospital hallway. The heading reads "Welcome to Vermont Oxford Network". Below this, it says "Log in here to access:" followed by a bulleted list of resources: Nightingale Reporting, QI program modules, toolkits, and other resources, VON Day Audits, Data Management, Tools and resources to accomplish your VON related tasks, and Research, improvement stories, and other educational resources to aid your quality improvement. A paragraph explains that users without a login should click "Register New User" and that users associated with a VON member center can request access to member benefits. A link to "Visit VON Public Site" is also present.

Enter your Member Login email address and password in the boxes provided. Then click the **Sign In** button. At the next screen, if you have access to data at more than one center, choose the appropriate center from the drop-down menu.

If you need to reset your password, click on Reset Forgotten or Expired Password.

If you do not have access to Nightingale, click on Register New User. Complete the form and the system will send an e-mail to your center's VON Services Administrator requesting that s/he create an account for you. Please contact your VON Services Administrator with any questions about Nightingale access. If you do not know your center's VON Services Administrator, please contact your Vermont Oxford Network Account Manager.

### ***A Note on Which Year to Report***

Vermont Oxford Network collects data on the current calendar year. However, these data are preliminary and not “closed out.” Close out of the previous calendar year occurs from January to June, and complete Vermont Oxford Network data for the previous calendar year are posted to Nightingale by August. Leapfrog Hospital Surveys are first due in June, although centers can update surveys later. Therefore, the “year” of data that a center reports to The Leapfrog Group depends on the month in which the center completes the Leapfrog Hospital Survey.

If you are completing the Leapfrog Hospital Survey in 2020:

- **Surveys submitted prior to September 1, 2020:** 2018 VON data
- **Surveys (re)submitted on or after September 1, 2020:** 2019 VON data

If you have any questions, please contact your Vermont Oxford Network Account Manager.

### ***A Note on the Leapfrog Scoring***

The Leapfrog score is created using the following:

- The number of very-low-birth-weight infants (infants < 1500 g) admitted by your center  
OR your center’s Death or Morbidity SMR  
  
AND  
  
Your center’s antenatal steroid rate for infants 24-33 weeks GA
- To meet the standard a hospital needs:
  - A volume of 50 or more and an antenatal steroid rate of 90% or greater OR
  - A Death or Morbidity SMR and lower and upper bounds all below 1 (e.g., SMR: 0.6; LB: 0.2; UB: 0.8) and an antenatal steroid rate of 90% or greater

For more information on Leapfrog’s Scoring Algorithms, please see the Scoring Algorithms document available for download here: <http://www.leapfroggroup.org/survey-materials/scoring-and-results>.

## To Find the Death or Morbidity SMR

Click on the “Risk Adjusted” tab

The screenshot shows the Vermont Oxford Network dashboard. At the top left is the logo. On the right, there is a dropdown for 'Select Center/Group' set to 'Test Group 6001' and links for 'Portal Home' and 'Log out'. A navigation bar contains tabs: 'Dynamic Reports', 'Saved Charts', 'Report Download', 'Data Download', 'NICU by the Numbers', 'Data Definitions', 'Cochrane at VON', and 'Help'. Below this, there are tabs for 'Comparison Data', 'Time Series', 'Risk Adjusted' (circled in red), and 'Transfer Map'. A 'Current Measures' section includes a text input, an 'Add Measures' button, and a 'Clear All Measures' button. Below these are several dropdown menus for measures like 'Any Late Infection - Your Center', 'CLD: Infants < 33 Weeks', 'Cystic PVL', 'Death or Morbidity', 'Mortality', 'NEC - Your Center', 'Severe IVH', and 'Severe ROP'. A row of icons for 'Save Chart', 'Export Data To CSV', 'Print Chart', 'Download Chart', 'Download PDF', and 'Share Filters' is visible. The main content area shows 'Test Group 6001, 2018 All VLBW Infants' with a 50% progress indicator. On the right, 'Comparison Groups' are listed as 'Group 1 (Box)' and 'Group 2 (Diamond)', both set to 'None'.

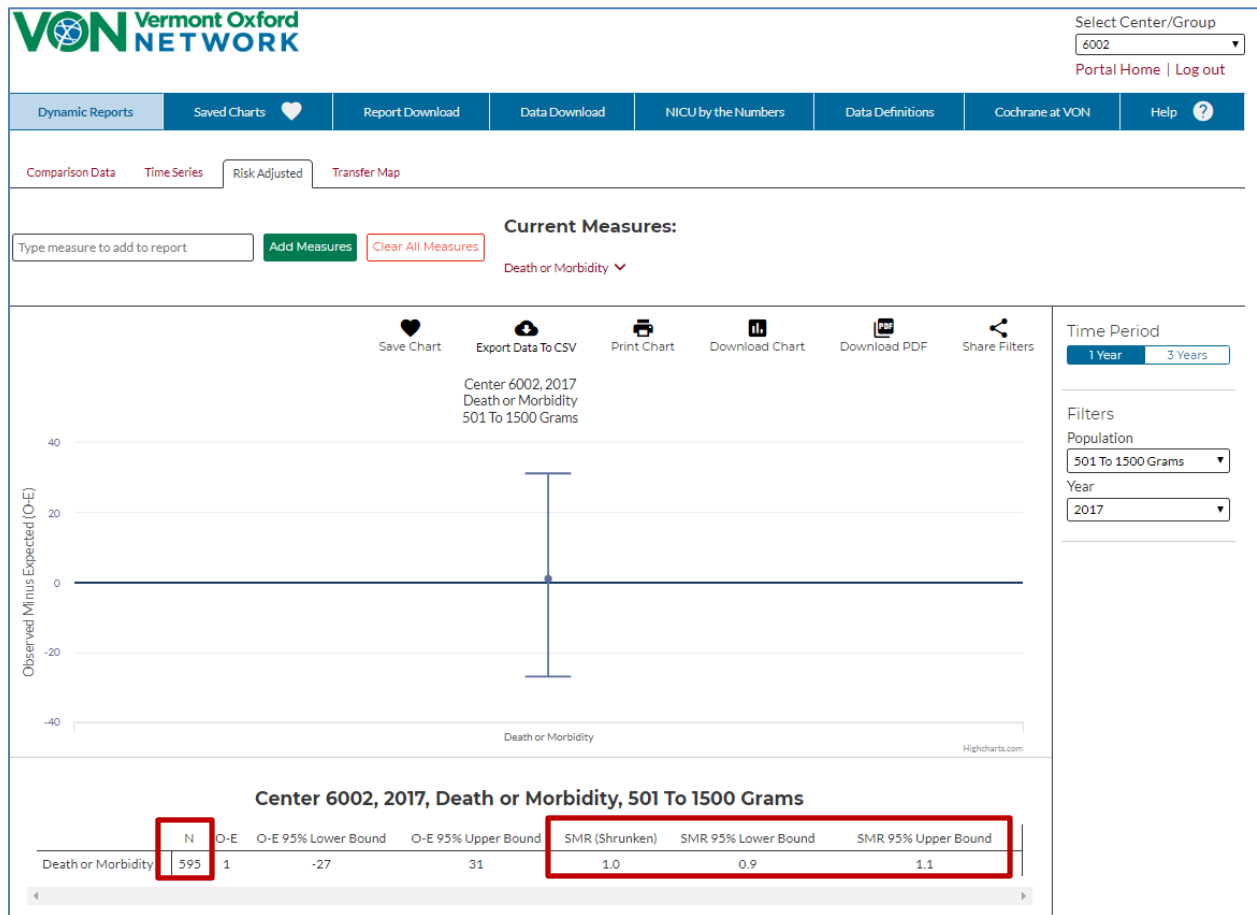
Click in the “Add Measure” box, choose “Death or Morbidity” from the Add Measure drop-down menu, and click “Add Measure.” Make sure the “1 Year” box is blue, and the Population is 501 to 1500 Grams. The “Year” drop-down menu will automatically set to the last year for which your center has closed out data.

This screenshot shows the 'Add Measure' step in the dashboard. The 'Risk Adjusted' tab is selected. The 'Add Measures' button is circled in red. A dropdown menu is open, listing various medical measures. 'Death or Morbidity' is highlighted with a mouse cursor. To the right, the 'Time Period' is set to '1 Year' (highlighted in blue) and '3 Years'. The 'Filters' section shows 'Population' set to '501 To 1500 Grams' and 'Year' set to '2017'. At the bottom left, there is a footer with contact information and copyright notice. At the bottom right, there are links for 'Table', 'Transfer Codes', 'Week 36 Calculator', and 'Policy on Data Use'.

## To Report the Death or Morbidity SMR

You will report the Death or Morbidity SMR (shrunk), SMR 95% Lower, and SMR 95% Upper. You will also report the N of infants next to the SMR. **These numbers are found in the table below the chart.**

In the example below, the N is 595. The SMR is 1.0. The SMR 95% Lower is 0.9. The SMR 95% Upper is 1.1.



Note: The SMR 95% Lower is always less than the SMR. The SMR 95% Upper is always more than the SMR.

## To Find Antenatal Steroids, GA 24 to 33

Click on the “Comparison Data” tab. Click “Clear All Measures.”

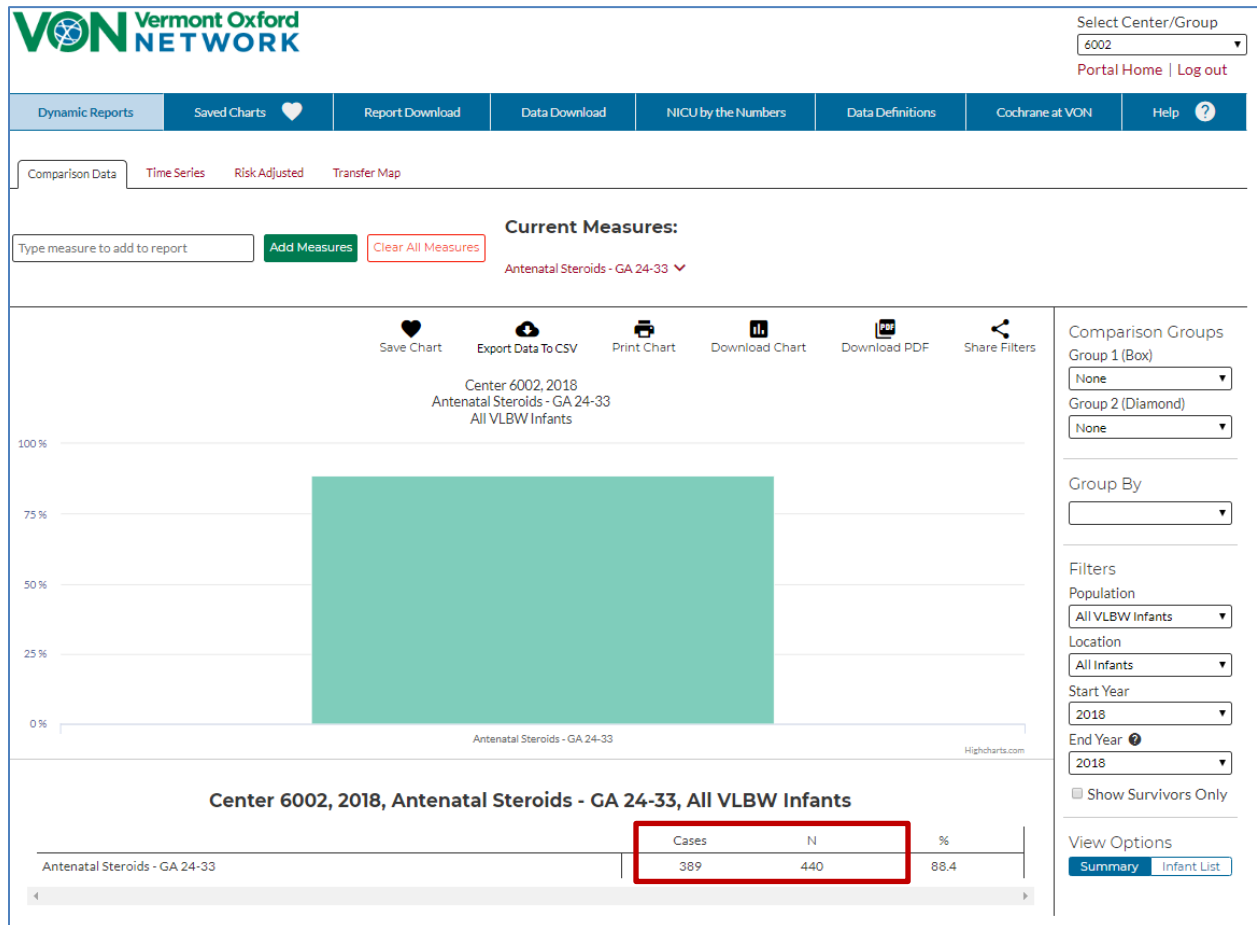
The screenshot shows the Vermont Oxford Network dashboard. At the top right, there is a dropdown menu for 'Select Center/Group' with '6002' selected, and links for 'Portal Home' and 'Log out'. Below this is a navigation bar with tabs: 'Dynamic Reports', 'Saved Charts', 'Report Download', 'Data Download', 'NICU by the Numbers', 'Data Definitions', 'Cochrane at VON', and 'Help'. The 'Comparison Data' tab is selected and circled in red. Below the navigation bar, there is a search box for 'Type measure to add to report' and a green 'Add Measures' button, both circled in red. To the right of the search box is a red 'Clear All Measures' button, also circled in red. Below these are several dropdown menus for filters: 'Any Late Infection - Your Center', 'CLD: Infants < 33 Weeks', 'Cystic PVL', 'Death or Morbidity', 'Mortality', 'NEC - Your Center', 'Severe IVH', and 'Severe ROP'. At the bottom, there are icons for 'Save Chart', 'Export Data To CSV', 'Print Chart', 'Download Chart', 'Download PDF', and 'Share Filters'. On the far right, there is a 'Comparison Groups' section with 'Group 1 (Box)' selected.

In the box, start typing “antenatal” and Antenatal Steroids – GA24-33 will appear in the box. Click on it and click on “Add Measures”. From the “Start Year” and “End Year” drop-down menus, if you are running your report on or before September 1, 2020, change the “Year” drop-down menu in the right-hand column to 2018. If you are running your report after September 1, 2020, change the “Start Year” and “End Year” drop-down menus to 2019. Make sure that the population is “All VLBW Infants,” the location is “All Infants,” and that “Show Survivors Only” is not checked.

The screenshot shows the Vermont Oxford Network dashboard with the search results for 'Antenatal Steroids - GA 24-33'. The search box contains 'ante' and the 'Add Measures' button is circled in red. Below the search box, there is a list of search results: 'Antenatal Magnesium Sulfate', 'Antenatal Steroids - All Infants', 'Antenatal Steroids - GA 24-33', and 'Implanted Pacemaker (permanent)'. The 'Antenatal Steroids - GA 24-33' result is selected. Below the search results, there is a large text area that says 'Add measure to view report' and a search box for 'Type measure to add to report' with an 'Add Measures' button. On the right side, there is a 'Comparison Groups' section with 'Group 1 (Box)' selected, and a 'Group By' dropdown menu. Below this is a 'Filters' section with dropdown menus for 'Population' (set to 'All VLBW Infants'), 'Location' (set to 'All Infants'), 'Start Year' (set to '2018'), and 'End Year' (set to '2018'). There is also a checkbox for 'Show Survivors Only' which is unchecked.

## To Report Antenatal Steroids, GA 24 to 33

The data can be found in the table below the chart. The numerator is the Cases. The denominator is the N. In the example below, the numerator is 389 and the denominator is 440. The numerator is always smaller than the denominator.



## **To Report Very-Low-Birth-Weight Volume**

Please follow these instructions from The Leapfrog Group:

Hospitals electing to report on Volume for High-Risk Deliveries instead of using their VON Report, need to select Volume in Section 4F, Question #3 and then answer questions #4-5 based on Leapfrog's measure specifications which are provided in the Hard Copy of the Survey (available for download here: <http://www.leapfroggroup.org/survey-materials/survey-and-cpoe-materials>).