# NICU Data Finalization Guidelines

Birth Year 2024





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# INTRODUCTION

"Data Finalization" is the process of ensuring that all data that is submitted into CPQCC's NICU Database is complete and correct for all infants born in a particular year, and is the joint responsibility of the NICU Data Center team and each member hospital's staff. In order to have complete, accurate, and timely data to support quality improvement and research to improve infant care, we undertake this process during the first six months of each year for all infants born in the previous calendar year.

The purpose of these guidelines is to assist our members in meeting our goals and those of the Vermont Oxford Network for complete, accurate and timely submission of records for infants born in 2024, and to allow us to produce the mandated California Children's Services (CCS) report on behalf of each member NICU.

NOTE: "2024 Data Finalization" is for infants born in 2024 and takes place in the first half of calendar year 2025.

### **Production Schedules**

### **Quarterly Deadlines – Production Schedule**

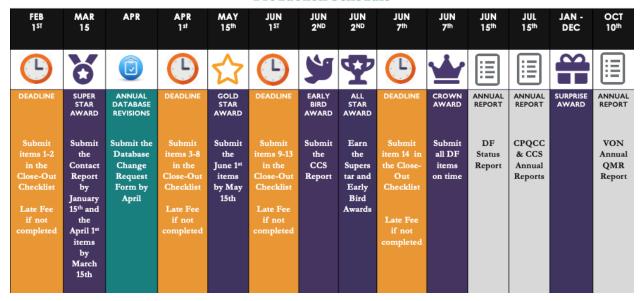
JAN Ist	JAN 7 <sup>th</sup>	APR 7 <sup>th</sup>	APR	JUL 7 <sup>th</sup>	OCT 7 <sup>th</sup>	ост
	(1)	()		(1)	()	
Begin data collection for current year	4th Quarterly Close Out  Submit all eligible infants for the previous year to be included in the 4th Quarter Report	1st Quarterly Close Out Submit all eligible infants born between Jan 1st – Mar 31st to be included in the 1st Quarter Report	Annual Joint Data Com/DCAG Meeting	2 <sup>nd</sup> Quarterly Close Out  Submit all eligible infants born between Jan 1 <sup>st</sup> – Jun 30 <sup>th</sup> to be included in the 2 <sup>nd</sup> Quarter Report	3rd Quarterly Close Out  Submit all eligible infants born between Jan 1st – Sept 30th to be included in the 3rd Quarter Report	Data Trainings



### NICU Data Finalization Deadlines – Production Schedule

# **NICU Data Finalization Deadlines**

### **Production Schedule**



### **Deliverable Deadlines**

The following deliverables are required to finalize your data for infants born in 2024 (and quarterly in 2025). Please remember to review your center's 2024 Close-Out Checklist for the sub-items 1-14 below (an example image of a Close-Out Checklist can be found on page 9).

# 1. January 1st - Begin data collection for current year

# 2. January 7<sup>th</sup> by 11:59 PM – 4<sup>th</sup> Quarter Close-Out Deadline

- Enter data for all eligible infants (born January 1 December 31, 2024) into the NICU Database by January 7<sup>th</sup>.
- Review your Error & Warning Report.
- Review your Confirmed Unknown Report.
- Resolve the cases in your Data Consistency Reports (DCR).
- Register all HRIF eligible infants that were discharged from your NICU between January and December 2024.
  - o Please review the CCS NICU Referral HRIF Guidelines

### 3. February 1<sup>st</sup> by 11:59 PM

- 1. Pay 2025 Membership Dues (2025 Close-out Checklist).
- 2. Download and review the Data Finalization Guidelines



3. Submit VON/CPQCC Contact Report for your NICU.

NOTE: Submit a Help Desk ticket if any of your member center information has changed (name, address, phone number, CCS level) or to add new NICU user(s) not currently listed.

## 4. March 15<sup>th</sup> – Deadline for Superstar Award

To qualify, you must submit item 3 by January 15<sup>th</sup> and items 4-8 by March 15<sup>th</sup>.

# 5. April 1<sup>st</sup> by 11:59 PM

- 4. Complete all records for infants born in 2023 who were still in hospital (SIH) during the data finalization period in 2024.
- 5. Submit the ID confirmation form
- 6. Submit and complete all transport items for acute transports into your NICU, all DRD items and all A/D items. All still in-house infants with items **not related to** discharge, should be completed.
- 7. Complete the CCS form without errors or pending items.
  - a. Please refer to the CCS Form Tip Sheet to complete this form for all NICU admissions
  - b. Changes to your NICU infant data (i.e birth weight; gestational age; transports) might require CCS form updates.

NICU Data Sharing: To identify possibly missed infants who might be eligible, we suggest that participating centers take advantage of the list of sharing opportunities. Especially those pertaining to VLBW infants or infants who were transported to a higher level of care. For more information about this tool, please click on the link for the NICU Data Sharing Manual.

- 8. Log onto the <u>VON website</u> to submit the VON Membership Survey.
  - a. Follow the steps on page 15

# 6. April 7th by 11:59 PM -1st Quarter Close-Out Deadline

- Enter data for all eligible infants born January 1 March 31, 2025 into the NICU Database by April 7<sup>th</sup>.
- Review and complete your 2025 Error & Warning Report.
- Review and complete your 2025 Confirmed Unknown Report.
- Complete your 2025 Data Consistency Reports (DCR).
- Enter all HRIF eligible infants that were discharged from your NICU between January and March 2025.
  - o Please also include any infants that were discharged earlier than the time above if they have not yet been referred.
  - o Please review the <u>CCS NICU Referral HRIF Guidelines</u>

### 7. May 15<sup>th</sup> by 11:59 PM – Deadline for the Gold Star & All-Star Award



- To qualify for the Gold Star Award, you must complete all June 1st deliverables by May 15th.
- To qualify for the All-Star Award, you must complete all June 1st deliverables by May 15<sup>th</sup> in addition to earning the Superstar and Early Bird awards.
- Members must have timely HRIF registrations of at least 95% to meet the qualifications for these awards.

# 8. June 1<sup>st</sup> by 11:59 PM

- 9. Enter all CPeTS items for acute transports into your NICU, all DRD and A/D items into the NICU Database completely and 100% error-free. For still-in-hospital records, all items not related to discharge should be entered into the NICU Database completely and 100% error-free.
- 10. Follow up on warnings listed in the NICU Errors and Warnings Report.
- 11. Minimize use of Confirmed Unknowns to  $\leq 3\%$  for key risk factors and outcomes for inborn infants.
  - a. Note that if Item 24a. temperature measurement within 1 hour of NICU is pending, it is considered "unknown" due to the importance of this outcome. Therefore it may show up in your Confirmed Unknown report.
- 12. Address and resolve inconsistencies to all cases listed in the Data Consistency Report (DCR).
- 13. HRIF 100% Referral/Registration: Register all HRIF-eligible infants into the HRIF Reporting System.
  - o Please review the CCS NICU Referral HRIF Guidelines

# 9. June 2<sup>nd</sup> by 11:59 PM – Deadline for the Early Bird Recognition Award

o To qualify, you must complete item 14, confirmation of the CCS Report by June 2<sup>nd</sup>.

### 10. June 2<sup>nd</sup> - June 7<sup>th</sup> by 11:59 PM

- 14. Confirmation of 2024 CCS report between June 2<sup>nd</sup> and June 7<sup>th</sup>.
  - a. Updates to the CCS Report will NOT be allowed after the report is confirmed on June 7th.

### 11. June 10<sup>th</sup>

o The PDF version of your Close-Out Checklist will be finalized and available for download by selecting the PDF icon at the top right corner of the form.

NOTE: Only centers who complete all of the required deliverables will be eligible for inclusion in the VON Annual Quality Management Report, CCS Annual Report, and the CPQCC Annual Web Report. The NICU Data Center team will verify that your center has met these requirements.

# 12. July 7<sup>th</sup> by 11:59 –2<sup>nd</sup> Quarter Close-Out Deadline



- Enter data for all eligible infants born January 1 June 30, 2025 into the NICU Database by July 7<sup>th</sup>.
- Review your 2025 Error & Warning Report.
- Review your 2025 Confirmed Unknown Report.
- Complete your 2025 Data Consistency Reports (DCR).
- Enter all HRIF eligible infants that were discharged from your NICU between January and June 2025.
  - o Please also include any infants that were discharged earlier than the time above if they have not yet been referred
  - o Please review the <u>CCS NICU Referral HRIF Guidelines</u>

# 13. October 7th 11:59 -3rd Quarter Close-Out Deadline

- Enter data for all eligible infants born between January 1st and September 30th, 2025 into the NICU Database by October 7th.
- Review your 2025 Error & Warning Report.
- Review your 2025 Confirmed Unknown Report.
- Complete your 2025 Data Consistency Reports (DCR).
- Enter all HRIF eligible infants that were discharged from your NICU between January 1<sup>st</sup> and September 30<sup>th</sup>, 2025.
  - o Please also include any infants that were discharged earlier than the time above if they have not yet been referred
  - o Please review the <u>CCS NICU Referral HRIF Guidelines</u>

### Communication

For questions or any assistance, please submit a Help Desk ticket at cpqcchelp.org. When creating a ticket, please specify whether the request is for the NICU Database, CCS, CPeTS, or HRIF in the "Help Topic" drop-down box.

NOTE: CPQCC office hours are Monday – Thursday 8:00AM – 5:00PM. All requests sent after hours, on weekends, or on holidays may not be responded to until the following business day.

### To submit a Help Desk ticket:

- Go to <u>www.cpqcchelp.org</u>.
- At the upper right corner, please log in or register.
- At the upper right corner, select New Support Ticket.
- Fill out the fields to create a ticket.

Note: If you're already registered, you can review all of the tickets that you submitted, the status, and the responses that were sent from the data center.



### NICU DATA FINALIZATION

# Late Processing Fee Policy and Fee Schedule

### **February 1, 2025**

Centers who have not paid their membership dues by February 1st will be subject to a late fee of \$300. Payment is due upon receipt of the late fee invoice. If payment is more than 30 days overdue, the late fee will increase to \$500.

Centers who do not complete the VON/CPQCC Contact Report by February 1st will be subject to a late fee of \$300. Payment is due upon receipt of the fee invoice.

Centers who have not completed the VON/CPQCC Contact Report by February 1st will be notified by the NICU Data Center, and it will be the center's responsibility to respond with specific information on when they intend to submit the VON/CPQCC Contact Report by.

### April 1, 2025

Centers who do not complete the **April 1**<sup>st</sup> **deliverables** by the deadline will be subject to a **late fee** of \$300. Payment is due upon receipt of the fee invoice.

Centers who have not completed the April 1st deliverables will be notified by the NICU Data Center, and it will be the center's responsibility to respond with specific information on when they intend to submit the April 1st deliverables by. Please remember that CPQCC is required under contract to notify CCS of any participating centers who are unable to fulfill the annual deliverables.

### June 1, 2025

Centers who do not complete the **June 1**<sup>st</sup> **deliverables** by the deadline will be subject to a **late fee** of \$300. Payment is due upon receipt of the fee invoice.

Centers who have not completed the June 1st deliverables will be notified by the NICU Data Center, and it will be the center's responsibility to respond with specific information about whether they intend to submit the June 1st deliverables by June 7 at 11:59PM. Please remember that CPQCC is required under contract to notify CCS of any participating centers who are unable to fulfill the annual deliverables.

### June 7, 2025

Centers who have not confirmed their CCS Report by June 7th will be subject to a late fee of \$300. Payment is due upon receipt of the late fee invoice.

Centers with finalized data, complete data finalization documents on file, and no outstanding balance on their membership fees will still be included in the VON Database and the Annual NICU Quality Management Report, the CCS Annual Report, the CPeTS Annual Report, and the CPQCC Annual Web Report if all deliverables are submitted by this date. However, due to the very large volume of data that must be processed, no exceptions will be made.



Centers will be notified by the NICU Data Center if the June 7<sup>th</sup> deliverable is incomplete. Please remember that CPQCC is required under contract to notify CCS of any participating centers who are unable to fulfill the annual deliverables.

Late Payment Warning: If ANY of the above deadlines are not met on time, a late processing fee of \$300 will be billed. If the payment is more than 30 days overdue, the late fee will increase to \$500.

### **CPQCC Close-Out Checklist Instructions**

The Close-Out Checklist tool, which can be accessed on the <u>NICU Data site</u>, guides you through the close-out process.

### **Close-Out Checklist Overview**

The Close-Out Checklist tool lists 14 deliverables that are required to be completed as part of your close-out (please refer to pgs. 1-3). The six items below explain each column in the close-out checklist.

- 1. # column task item number.
- 2. **Activity** column description of each deliverable.
- 3. **Deadline** column due date of each deliverable.
- 4. **Done** column a checkbox which when checked indicates that your deliverable is complete and when unchecked indicates that your deliverable is incomplete. Grayed out boxes indicate that the box will be automatically checked once the system can verify that the deliverable has been completed. **Items 2, 3 and 8** must be **checked manually after** they have been completed. It is the responsibility of each center to confirm that the deliverable is complete **before** the item is checked.
- 5. **Confirmation Date/Time** column once the deliverable has been auto-checked or manually checked off as complete, a date and time stamp will appear.
- 6. **Resources** column hyperlinks to each deliverable.



### **Comment Section**

Both the users and the NICU Data Center can use this section to comment on certain issues. This forum can be used for issues such as:

- Circumstances that affect your team's ability to meet close-out requirements **after** June 1<sup>st</sup>. All other issues happening during close-out should be entered into a <u>Help Desk ticket</u>.
- Reason(s) for > 3% of confirmed unknown for key risk factors and outcomes or unresolved missing data items (e.g. BW, DOB). Please indicate the record ID number as well as the reason in this section.

The user comment section is located at the bottom of the Close-Out Checklist. Please do not use this section to describe issues with the Close-Out Checklist itself, data collection forms or the close-out process. For these cases, please submit a <u>Help Desk ticket</u> instead.

The NICU Data Center will use this section to comment on issues such as:



- Late fees incurred by your center and status of payment.
- Explanation of any other close-out issues that may affect the deliverables.
- Unpaid membership fees.

Set confirmation status for enabled items

User Comment:	CPQCC Staff Comment: Click here to edit
None	None

All other issues will be discussed in a Help Desk ticket generated by the NICU Data Center.

### **Awards**

All awards earned by your center are captured in the Close-Out Checklist and listed by its icon at the top right corner next to the PDF icon. (If you hover your mouse over the icon, it will show the name of the award).

In addition, the CPQCC website has a <u>page which describes all of the awards</u> that centers are eligible for. Members can also view their own <u>center page</u> to see all awards they have earned starting from 2014 by following these steps:

- Go to the CPQCC website (www.cpqcc.org)
- Select **About**
- Select **Membership**
- Select Current Members
- Select your Center

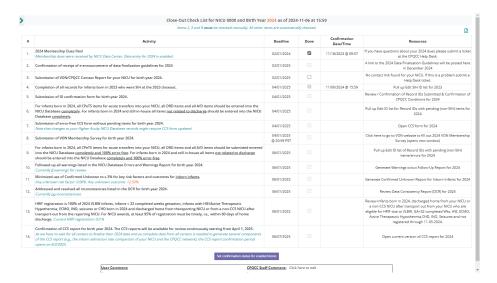
Below are the six NICU data awards that are currently available.

**NOTE:** Please make sure to download each awarded certificate within the year that they were earned as those from previous years will no longer be available.

Super Star Award	Granted to centers that complete item 3 by January 15 <sup>th</sup> and items 4-8 by March 15 <sup>th</sup> .
Early Bird Award	• Granted to centers that confirm their CCS report on June 2 <sup>nd</sup> .
Surprise Award	Granted to centers that are recognized for a specific positive performance aspect.
Gold Star Award	<ul> <li>Granted to centers that complete items 9-13 by May 15th.</li> <li>Members must have timely HRIF registrations of at least 95% to meet the qualifications for this award.</li> </ul>
All-Star Award	<ul> <li>Granted to all centers that met the deadlines for item 3 by January 15th, items 4-8 by March 15th, items 9-13 by May 15th, and confirm their CCS report (item 14) on June 2nd.</li> <li>Members must have timely HRIF registrations of at least 95% to meet the qualifications for this award.</li> </ul>
Crown Award	• Granted to centers that met all deadlines on time. (Item 3 on February 1st, items 4-8 on April 1st, items 9-13 by June 1st, and item 14 by June 7th).



To download a PDF copy of your finalized Close-Out Checklist report, select the PDF icon at the top right corner of the Close-Out Checklist (as shown in the image below).



# Finalizing Your Data - Quarterly

January 7th at 11:59 PM – enter data for infants born between Jan 1st and Dec 31st 2024 April 7<sup>th</sup> at 11:59 PM – enter data for infants born between Jan 1<sup>st</sup> and Mar 31<sup>st</sup> 2025 July 7<sup>th</sup> at 11:59 PM – enter data for infants born between Jan 1<sup>st</sup> and Jun 30<sup>th</sup> 2025 October 7th at 11:59 PM - enter data for infants born between Jan 1st and Sept 30th 2025

We strongly encourage all centers to submit 100% complete and error-free data by the deadline at 11:59 pm to increase the value of our Quarterly Reports. We can then risk-adjust the data and provide you with a more accurate snapshot of your unit's activity. It will also ensure that your quarterly NICU data is included in the CPQCC & VON Quarterly Reports.

- Review your Error & Warning Report (see item 10, pg. 17)
- Review your Confirmed Unknown Report (see item 11, pg. 17)
- Complete your Data Consistency Reports (DCR) (see item 12, pg. 21)
- At discharge from your hospital to Home, please refer HRIF-eligible infants to the appropriate CCS HRIF clinic. You can use the following resources to track HRIF eligible infants. (see item 13, pg. 23)

# Finalizing Your Data – Annually

### February 1st at 11:59 PM

1. 2025 Membership Dues Paid



### This item will be confirmed and checked by CPQCC's administration once payment is received.

- If membership dues are NOT paid by the Feb. 1st deadline, your center will NOT have access to enter 2025 data until the dues have been received.
- Your center will also incur a \$300 late fee.

Please submit a Help Desk ticket if you have any questions.

- 2. Using the resource link in the close-out checklist, download and review the **Data** Finalization Guidelines.
  - a. A link to the document you are reading now will be available for download in item 2 of the Close-Out Checklist.
  - b. Please manually check the box for this item once the above has been completed.
  - c. Submit a Help Desk ticket to schedule an optional data review. Note that the NICU Data Center may initiate a Help Desk ticket for your center if data is not being submitted in a timely manner or deadlines are close to not being met. Data reviews may also be initiated by staff via Zoom so that we have the ability to share screens.

### To access:

- Log into the **NICU Data site**
- Select **2024**
- Select Close-Out Checklist
- Select the resource link to the **Data Finalization Guidelines**
- Download and review the instructions to close out your data
- Manually check off item 2 in the Close-Out Checklist
- For questions, please submit a Help Desk ticket.
- 3. Update and submit your online CPQCC/VON Contact Report

### To access:

- Log into the **NICU Data site**
- Select **2024**
- Select Close-Out Checklist
- Select the resource link to the CPQCC/VON Contact Report
- Update the form, fill in your name at the bottom and submit
- Please confirm that all contacts listed are correct as the Data Center will be using this information to: communicate with all contacts during the data finalization close-out period; send membership dues to the invoice contact; and send important announcements throughout the year.
- Even if there are no current contact updates, you will still need to review and submit this form by the deadline
- For questions, please submit a Help Desk ticket.



- a. You can also access the contact report from the **NICU Settings** page on the NICU Data site by selecting the "Access member directory entry" button in the top right corner of the page.
- b. This page lists all of the users who have access to your center's NICU Data and NICU Reports. Users highlighted in red are suspended and will need their accesss reactivated.

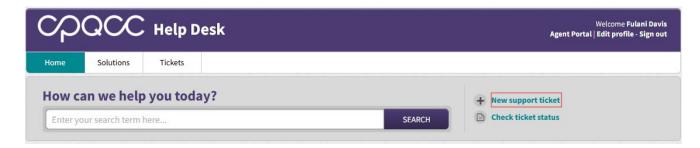


Note: Please review the entire NICU Settings page to validate all information regarding your NICU.

- a. Submit a Help Desk ticket if you have:
  - Changes in NICU information (e.g. hospital name, address, phone number, CCS level). Please include documentation (hospital letter, CCS letter) confirming the change(s) in the ticket as well.
  - ii. New users needing access to NICU Data and/or NICU Reports.

### To submit a Help Desk ticket:

- Go to www.cpqcchelp.org.
- At the upper right corner, please log in or register.
- At the upper right corner, select New Support Ticket.
- Fill out the fields to create a ticket.
- Note: If you're already registered, you can log in and create an instant message via the chat icon at the lower right corner.



### March 15th - Deadline for Superstar Award

To qualify, you must submit item 3 by January 15<sup>th</sup> and items 4-8 by March 15<sup>th</sup>.

### April 1st by 11:59 PM

4. Enter complete discharge data for all infants born in 2023 who were still in the hospital (SIH) during the 2024 closeout.



- a. Please review <u>SIH Table</u> for guidance.
- **5.** Submit the **ID Confirmation** form.

### To access this form:

- Log into the **NICU Data site**
- Select **2024**
- Select Close-Out Checklist
- Select the resource link to access the **ID** confirmation form
- Check all of the boxes to confirm that you understand and agree to meet each deadline
- Enter your full name (first and last) in the box provided at the bottome of the page
- Click the **Submit Record ID Confirmation** button

NOTE: If you need to submit additional records after you've confirmed the ID Confirmation form, you'll need to submit a Help Desk ticket to request a reset of the confirmation (you can do this yourselfprior to the 4/1 deadline). Once the confirmation has been reset, you can then enter your additional records. When you've entered all of your records, please make sure follow the process above to confirm your IDs again. New records will not be accepted after close-out on June 1st.

a. See graphic below (note that the dates listed apply to deadlines thoughout this document as well)

	Summary of Record IDs Submitted by NICU 0000 for Birth Year 2019	
Note that the reco	rd IDs should be sequential starting from the Start Record ID number.	
The Start / End Re	cord ID number are the lowest / highest record ID numbers that have been submitted by your NICU for 2019.	
Start Record ID:	01401	
End Record ID:	01407	
All record IDs are	n sequence, and none were skipped.	
	is 1. through 6. and confirm by checking the box on the right.	
Only if all items ar	e checked, any needed additional record IDs have been provided, and your name has been entered, the above record IDs can be confirmed.	
1.	I have reviewed the above list of record ID numbers for birth year 2019, and I verify that all NICU Database eligible infants have been included.	
2.	I understand that I must assign a record ID for all NICU Data eligible infants by entering all of the data no later than April 1, 2020 in order to be included in the Annual Reports.	0
3.	I understand that I must submit the CCS Supplemental Form by entering all of the data no later than April 1, 2020 in order to be included in the Annual Reports.	0
4.	I understand that I must submit all of the Data Finalization documents as specified in the Data Finalization Guidelines no later than April 1, 2020 in order to be included in the Annual Reports. NICUs that are unable to complete the April 1 <sup>st</sup> deliverables will be subject to a 3% late processing fee of \$300.00. Payment upon receipt.	0
5.	I understand that I must submit completed and 100% error-free data for all NICU Data eligible infants no later than June 1, 2020 in order to be included in the Annual Reports. NICUs that are unable to complete the June 1st deliverables will be subject to a 3% late processing fee of \$300.00. Payment upon receipt.	0
6.	I understand that I must <u>confirm the CCS Report</u> for accuracy and completeness between <b>June 2</b> , <b>2020 starting at 7:00 AM until June 7</b> , <b>2020 at 11:59PM</b> in order to be included in the Annual Reports. NICUs that are unable to complete the June 7 <sup>th</sup> deliverables will be subject to a 3% late processing fee of \$300.00. Payment upon receipt. Only NICUs with finalized data, complete data finalization documents on file, and <i>no outstanding balance on their membership fees</i> , without exception, will be included in the Annual Reports.	0
Your first and last	name: Date / Time of Confirmation: 2020-0	02-14 at 08:36
	Submit Basard ID Confirmation	

- 6. Enter all transport (TRS) items for acute transports into your NICU, all delivery room death (DRD) items and all admission/discharge (A/D) items completely. For infants still-inhouse, all items **not related to discharge** should also be entered **completely**.
  - a. Assign a NICU Record ID for each eligible infant.



b. The following table lists the minimum variables needed to start a record.

### NOTE: Please sign up to use the NICU Data Sharing tool for all transported infants!

ACUTE TRANSPORT-IN FORM	ADMISSION/DISCHARGE FORM OR DELIVERY
	ROOM DEATH FORM
Birth Year	Birth Year
Infant ID	Infant ID
Birth Weight (C.3)	Birth Weight (1)
Best estimate of gestational age (C.4)	Birth Date (4)
Infant Sex (C.5)	Sex (5)
Congenital Anomalies (C.6a)	
Antenatal Steroids (C.8a)	
Surfactant Use (C.9b)	
Date/Time of Infant Birth (C.12)	
Location of Birth (C.32)	

- 7. Enter aggregate live birth and NICU admissions data into the CCS Supplemental Form.
  - a. Data must be complete and 100% error-free.
  - b. Members are strongly encouraged to use the real-time data comparison features as a data validation tool and to verify the number of eligible infants submitted to the NICU Database (higher acuity) and the All NICU Admits Database (all NICU admits).
  - c. Please review the CCS Form Tip Sheet

### To access and complete this form:

- Log into the **NICU Data site**
- Select **2024**
- Select **CCS Form**
- Enter data in the **white boxes** only
- Data entered into the white boxes will be compared to data you entered in the NICU Database, which appears in the first row (green font) under the white boxes throughout the form
- Select the **Check Pending Items** button to list pending items
- Select the **Check for Errors** to list errors
- To compare your data from the All NICU Admissions Database, you can select Show Values based on NICU Admit DB,
  - o To import the ANAD data, click the **Populate Form with Values based on NICU** Admit DB
  - o Note: The above can also be reversed by clicking on **Restore Form to Values prior** to All NICU Admits DB
- If births were found at your location (co-location for satellite NICUs) in the Vital Statistics Birth files, you can select the **Populate Births** button to show the number of births in a second row (green font) underneath populated NICU admissions in Sections A and D of the form
- Note: The above can also be reversed by clicking on **Restore Births Entries**



- To save your data at any point of entry, select the **Save Form** button at the end of the form O You can still come back, edit the form and then select the **Save Form** button again
- Note that changes to your NICU data might require CCS form updates (you should be
- notified of these cases by email)
- Members can also download an Excel spreadsheet of the 2024 CCS Supplemental Form including the CCS NICU Activity Log from the NICU Data Resources page as an alternate resource to abstract this data throughout the year.

### To access the All NICU Admissions DB:

- Log into the **NICU Data site**
- Select All NICU Admissions DB
- Select By Birth Year or By Admission Year
- Select the PDF icon at the top left-hand side to review and download the instructions.

Some of the advantages of participating in the All NICU Admissions Database are listed below.

### What are the advantages of participating in the CPQCC All NICU Admissions Database?

- Allows updated NICU admissions volume on cpqccreport.org dashboards.
- Allows updated volume and other control charts on cpqccreport.org for those items that are required to be entered for all infants (e.g., infant deaths completely reported for the first year of life relative to all NICU admissions).
- Allows use of all NICU admissions as denominator for big baby metrics.
- Allows population of CCS form Section A row 4 (NICU deaths after day 28).
- Allows population of CCS form Section B.
- Allows population of CCS form Section C.
- Allows population of CCS form Section D row 2 (inborn NICU admits by GA).
- Allows better verification of row 1 of CCS form Section E (should be >= cumulative initial LOS).
- Allows population of CCS form Section E "Total number of NICU days of IM or IV antibiotic exposure."
- Allows population of CCS form Section F "Number of central line days by birth weight."
- Allows population of CCS form Section F "Number of CLABSI by birth weight."
- Provides the ability to track infants who are not CPQCC eligible, but affect a NICU's resource use.
- Optional.
  - d. Review the Draft CCS Report for accuracy and completeness.

### To access the Draft CCS Report:

- Log into the **NICU Data site**
- Select 2024
- Select **CCS Reports**
- Select the Technical Notes (located under the table of contents) or simply click on each **header** to explain each section of the report



- e. The draft CCS reports will be available for review by mid March, early April 2025. Keep in mind that the interquartile range (the blue line in Tables I, J, K, L, M-2, M-3 and M-4) may not accurately represent the data for the entire NICU Database at the time you generate your report, as all data will not be completely submitted until April 1<sup>st</sup>. Also the data will not be 100% error free until June 1<sup>st</sup>.
- f. If you make any changes to the NICU Database or the CCS Supplemental Form after the **initial** compilation of your CCS Report, you have two options:
  - You can open up the CCS form and click Save Form to generate a rerun of the CCS report, or
  - You can submit a Help Desk ticket to request a re-run of your CCS Report to reflect these updates.

**NOTE:** A re-run of your CCS report takes approximately two hours.

# 8. Submit VON Membership Survey.

### To access this form:

- Go to the **VON Website**
- Go to Login
- Login with email address and password
- Select Data
- Select Data Management
- In the Data Management area, select Survey and complete
- At the very top of the form, there is a yellow Status box that tells whether the form is in process or has been completed. If completed, a name and date will be listed.

**NOTE:** You **must** have access to the VON website to access this form. If you do NOT have access, please select the "need a login and password?" link or contact VON's support center at (support@vtoxford.org).

o Please see the screenshot steps below







Select Survey and then Launch Survey



### May 15th by 11:59 PM – Deadline for the Gold Star & All-Star Awards

- To qualify for the Gold Star Award, you must complete all June 1st deliverables by May 15th.
- To qualify for the All-Star Award, you must complete all June 1<sup>st</sup> deliverables by May 15<sup>th</sup> in addition to earning the Superstar and Early Bird awards.
- Beginning with 2022 data, members must have timely HRIF registrations of at least 95% to meet the qualifications for these awards.

### June 1st by 11:59 PM

- 9. Submit and complete all transport items for acute transports into your NICU, all DRD items and all A/D items error-free. For 2023 still-in-house records, all items not related to discharge should be submitted to NICU Database completely and 100% error-free.
  - a. Please note the following resource links to review your data on the NICU Data site from the left side menu bar:
    - Use the **Edit Data** feature to review the record status of each ID submitted. For data to be considered finalized, all records must either have a record status of Complete or SIH, while all records of infants born in 2023 and earlier must be *Complete*. (Please review the <u>SIH Table</u>, for more info).
    - ii. Use the **Data Reports** feature to review or download a copy of your Error and Warning Report.
    - iii. Use the **Data Reports** feature to review the Data Consistency Report, which is usually updated quarterly (dates will correspond with quarterly deadlines).
    - iV. Use the **Custom Query Tool** to generate reports for all infants with specific outcomes (e.g. NEC, Surgery, Deaths etc.). This tool can also be used to find pending variables within any submitted record as well as the following options.
      - a. Query any number of years from 2006 onwards in one step.
      - a. For users with access to multiple centers, use this tool to query any number of centers in one step.
      - b. Generate queries for the process and outcomes reported in the CCS Report. This feature is useful for CCS Report verification.
      - c. Review additional composite items, such as Chronic Lung Disease or Severe ROP or ROP Surgery.



d. Query results are provided in a data table format that allows additional filtering. The complete or filtered query result can also be downloaded as a .csv file using the CSV button.

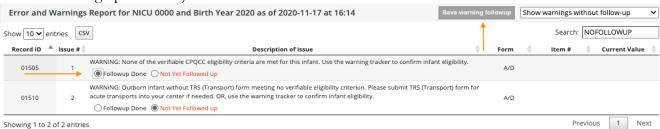
### To access the Custom Query Tool:

- Log into the NICU Data site
- Select Custom Query
- Specify the year(s) you want to review
- Select the Set Years for Queries button (for users with access to multiple centers, select Set Centers and Years for Queries)
- Select area, e.g. Demographics, Time of Birth.
  - Use the Mail/Download Reports/Data feature to request a copy of your center's database to review and further validate your raw data.



# NOTE: We encourage all NICUs to use the NICU Data Sharing tool for transported infants!

- 10. Follow up on all warnings listed in the Errors and Warnings Report.
  - a. Follow up on all warnings listed in the report by reviewing the record for the specified warning and then clicking the **Followup Done** button.
  - Make sure to click the **Save warning followup** button to save your selections (see graphic below)





### To access the Warnings Report:

- Log into the **NICU Data site**
- Select 2024
- Select Data Reports
- Select Type: Warnings Report
- Select Generate Report
- 11. Minimize use of Confirmed Unknown to  $\leq 3\%$  for key risk factors and outcomes for inborn infants. These percentages will show up in red if it's > 3%.
  - Confirmed unknown data items for key risk factors and outcomes (e.g. BW, DOB) > 3% should be updated or documented in the User Comment Section of the Close Out Checklist.
    - Note that the Data Center will follow up with each center to determine if i. the reason is valid and will then make a note in the comments section if it is. In this case, item 11 will remain unchecked, however the center will still be allowed to confirm their CCS Report and close out their data for the year.
    - 11. Note that if Item 24a. temperature measurement within 1 hour of NICU is pending, it is considered "unknown" due to the importance of this outcome.
  - b. Validate the Confirmed Unknown Report.
    - Unknown should only be selected if the documentation for the care provided at your center cannot be obtained. For infants who are transported out and **not** readmitted, the process and outcome measures should reflect the care that was provided at your hospital only. However, you are required to follow up on the disposition items until the infant is discharged home.

NOTE: Free standing children's hospitals and satellite NICUs need to contact the Data Center to complete this item. We encourage all NICUs to use the Data Sharing tool for transported infants!

### To access the Confirmed Unknown Report:

- Log into the **NICU Data site**
- Select 2024
- Select Data Reports
- Select Type: Confirmed Unknown Report
- Threshold default is 1% but can be updated by changing the number. **Enter minimum** unknown percent here: (e.g. "0")
- Select Generate Report

### To find the confirmed unknown records with > 3% that affect:

- Key Risk Factors
  - o Type 'rfmiss' in the search bar
- Outcome Measures



- Type 'outmiss' in the search bar
  - ii. The percentage of your center's confirmed unknowns are also reported in Section F. Data Quality Assessment of the CCS Report. This will include only those in the risk adjusted and process/outcome measure categories (please review the CCS Report Technical Notes or click on the header for more information).

NOTE: For infants who are still hospitalized when data is finalized by the June 1<sup>st</sup> deadline, items 1-38 and items 40-55 on the Admission/Discharge Form must be completed. While it is possible that items coded "No" may later change to "Yes," the purpose of completing these items is to assure that data for the Annual Reports is as complete as possible. Review the SIH table for more detailed information.

> 111. Below is the list of variables used and the associated weighted value in calculating data consistency and preparing the Data Consistency Report (See page 20, Item 12). Data Contacts are strongly encouraged to reduce the number of confirmed unknowns for these variables, as well as to collaborate with other Data Contacts to ensure the accuracy of these variables when transporting infants.

ITEM	VARIABLE DESCRIPTION	WEIGHTED VALUE
1	Birth Weight (in Grams)	Most Important
2	Head Circumference at Birth (in cm to nearest 10th of a cm)	Adds Considerable Value
3a	Best Estimate of Gestational Age – Weeks	Most Important
3b	Best Estimate of Gestational Age – Days	Most Important
4	Birth Date	Most Important
5	Sex of infant	Most Important
6	Delivery Room Death	Most Important
7a	Location of Birth	Most Important
7b	Day of Admission (for >1500 Grams or Outborn Infants)	Most Important
7c	Hospital of Birth (for Outborn Infants)	Most Important
8a	Previously Discharged Home	Most Important
8b	Infant Readmitted to your Hospital	Most Important
9	Mother's Age at Infant's Birth (Age Last Birthday)	Most Important
10a	Is Mother of Hispanic Origin?	Adds Considerable Value
10b	Maternal Race	Adds Considerable Value
11	Prenatal Care	Adds Value
12	Group Strep B Positive	Adds Value



13a	Antenatal Steroids Received Prior to Delivery	Adds Value
13b	Documentation of reasons for NOT initiating ANS therapy before delivery	Adds Value
13c	Main reason for NOT initiating ANS therapy before delivery	Adds Value
14	Spontaneous Labor. Did the Mother Go into Labor on Her Own?	Adds Value
15a	Multiple Births or Gestation	Most Important
15b	Number of infants Delivered	Most Important
15c	Birth Order for Multiple Births	Most Important
16	Mode of Delivery	Most Important
17а-с	Maternal Complications	Most Important
18	Indication for Cesarean Delivery	Most Important
19а-е	Was Delayed Umbilical Cord Clamping Performed?	Most Important
20	Apgar Score 1min, 5min, 10min	Adds Value
21a	Suspected Encephalopathy or Suspected Perinatal Asphyxia	Adds Value
21b	Umbilical cord blood gas or baby blood gas in the first hour of life available	Adds Value
21c	Source of blood gas	Adds Value
21d	pH within 1 hour of life	Adds Value
21e	Base Deficit umbilical cord blood/baby blood gas within first hour of life	Adds Value
22a-h	Delivery Room Resuscitation	Adds Value
23а-с	Surfactant in the Delivery Room	Adds Value
24a-d	Temperature Measured within 1 hour of Admission to NICU	Adds Value
25а-е	Post Delivery Room Respiratory Support	Adds Value
26a-b	Post Delivery Room Respiratory Support – Nasal CPAP	Adds Value
27a-b	Duration of Assisted Ventilation (in your NICU)	Adds Value
28	Did Infant Die within first 12 hours of entering your NICU?	Most Important
29	Respiratory Distress Syndrome	Adds Value
30	Pneumothorax	Adds Value
31	Meconium Aspiration Syndrome	Adds Value
32	Caffeine for Any Reason	Adds Value
33	Intramuscular Vitamin a for Any Reason	Adds Value
34	Inhaled Nitric Oxide > 4 Hours	Adds Value
35	ECMO	Adds Value
36a-b	Postnatal Steroids	Adds Value
37	Supplemental Oxygen on Day 28	Adds Value



38a-f	Supplemental Oxygen at 36 Weeks (Adjusted GA)	Adds Value
39a-g	Respiratory Support at Discharge	Adds Value
40	Early Bacterial Sepsis Code	Adds Value
41а-с	Late Bacterial Sepsis	Adds Value
42	Congenital Infection Code	Adds Value
43a	Patent Ductus Arteriosus	Adds Value
43b	Indomethacin	Adds Value
43c	Ibuprofen for Treatment or Prevention of PDA	Adds Value
43d	Acetaminophen (Paracetamol) for Treatment or Prevention of PDA	Adds Value
43e	Surgery or Interventional Catheterization for Closure of PDA	Adds Value
44a	Probiotics	Adds Value
44b	Necrotizing Enterocolitis	Adds Value
44c	NEC surgery	Adds Value
45	Gastro-Intestinal Perforation	Adds Value
46a-d	Retinal Exam	Adds Value
47a-b	Other Surgery	Adds Value
48a	Neural Imaging Done on or before Day 28 and During this Admission	Adds Value
48b	Worst Grade of Hemorrhage	Adds Value
48c	Location of PIVH Diagnoses	Adds Value
48d	Shunt Placed for Bleed	Adds Value
48e	Other Intracranial Hemorrhage Present	Adds Value
49a	Neural Imaging performed during this admission?	Adds Value
49b	Cystic Periventricular Leukomalacia	Adds Value
50	Seizures, EEG, or Clinical	Adds Value
51	Hypoxic-Ischemic Encephalopathy	Adds Value
52a-b	Congenital Anomalies	Adds Value
53	Level of Bilirubin	Adds Value
54	Exchange Transfusion	Adds Value
55	Hospital of Last Home Discharge	Adds Value
56	Enteral Feeding at Discharge	Adds Value
57-60	Initial Disposition	Adds Value
61-62	Reason for Transport	Adds Value
63-67	Post-Transport Disposition	Adds Value



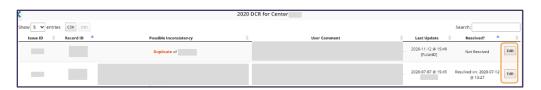
12. Address and resolve inconsistencies in all cases listed in the DCR. (You must insert a comment to confirm the updates you've made to the data to receive feedback. If the updates are complete and accurate, the Data Center staff will resolve the case).

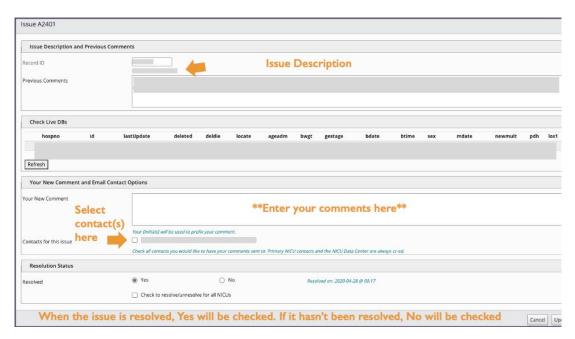
# To access the Data Consistency Report (DCR):

- Log into the **NICU Data site**
- Select **2024**
- Select Data Reports
- Select Type: Data Consistency Report
- Select Generate Report

### To add a comment to your center's DCR:

- Open your DCR report
- Select the potential inconsistency you would like to address
- Click the **Edit** button to the right of each case
- Enter your comment in the highlighted box
- If other NICUs are involved, the contact(s) listed can see your comments, if the radio button next to their name(s) is clicked.
- The data center can see your comments as well and will respond if needed before resolving/unresolving the record







- 13. 100% submission HRIF registrations for infants that were discharged to home from your NICU or from a non-CCS NICU after transport-out from your NICU. This item is required for CCS-approved NICUs and refers to infants meeting the following criteria: VLBW infants, infants < 32 completed weeks gestation, infants with HIE/Active Therapeutic Hypothermia, ECMO, INO, seizures or CHD
  - a. Please review the CCS NICU Referral HRIF Guidelines for detailed instructions on the referral process.
  - b. Review the HRIF/NICU Match Status Report to review a list of infants discharged to home from your NICU (NICU Data, NICU Report).
    - This report now includes a filter to identify infants who were discharged to home after transport to a Non-CCS NICU.
  - c. Log in to the <u>HRIF Reporting System</u> to register all eligible infants.

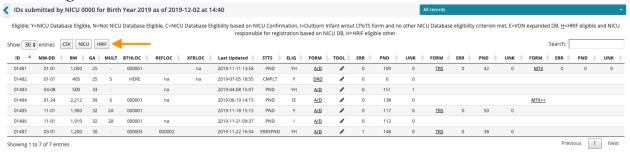
# To access the HRIF/NICU Match Detail Report:

- Log into the **NICU Data site**
- Select **2024**
- Select **Data Reports**
- Select Type: HRIF/NICU Match Detail Report
- Select Generate Report
  - d. Use the Edit Data list to review your NICU and HRIF eligible infants by clicking on the NICU and HRIF buttons.
  - The HRIF button includes HRIF information on each of these infants to determine disposition (i.e. Home from this NICU, HRIF eligibility reason, HRIF ID number (if linked) etc.).
  - The NICU button shows a list of all the records entered into the NICU database.

### To access the Edit Data list:

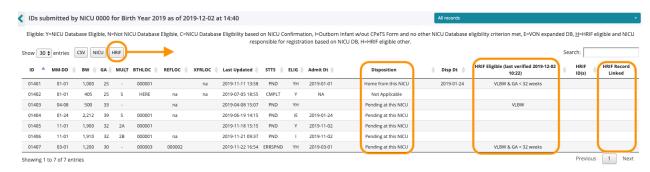
- Log into the NICU Data site
- Select **2024**
- Select Edit Data
  - See print screens below.

### NICU eligible infants



## HRIF elgible infants





# June 2<sup>nd</sup> by 11:59 PM – Deadline for the Early Bird Recognition Award

• To qualify, you must complete item 14, confirmation of the CCS report, by June 2<sup>nd</sup> (refer to the item below for more details).

### June 2<sup>nd</sup> until June 7<sup>th</sup> 11:59 PM

- 14. The final CCS Report must be confirmed by your NICU Medical Director for accuracy and completeness.
  - The NICU Medical Director must confirm accuracy of the CCS Report by an electronic signature.
  - b. If the NICU Medical Director is unable to confirm the report, then a representative must confirm in their place and include a reason why the NICU Medical Director was unable to sign off on the report.
  - c. Updates to the CCS Report will NOT be allowed after June 7<sup>th</sup>.

### To access the final CCS Report, follow these instructions:

- Log into the **NICU Data site**
- Select 2024
- Select View CCS Report
  - Select the Technical Notes to explain each section of the report (located under the table of contents and within each table header).
- Attestation (sign-off)
  - After the report has been reviewed for accuracy and completeness, scroll to the bottom of the page (Section Q), enter your full name and select the confirmation button.

### Communication

### **Announcements**

Please note that all announcements regarding deadline reminders, memos, etc., will be sent via our MailChimp email system. Please inform us right away of any email changes or contact updates within your team. If you are not currently receiving announcements, please sign up here.

### **Help Desk**



Please submit a Help Desk ticket for all data and program related requests, inquiries, feedback etc. The Help Desk should be the primary resource for all data related questions.

### To access the CPQCC Help Desk:

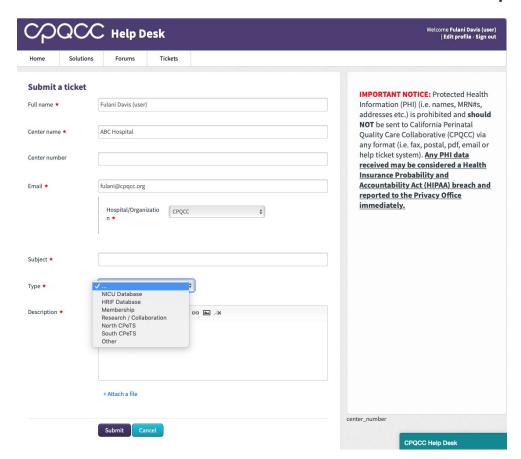
- Go to <u>www.cpqcchelp.org</u>.
- In the upper right corner, please log in or sign up/register.
- Sign up or log in using your email address or username (if created) and your password.
  - o When logging in, please make sure that you enter the same email address or username that you registered with, using the correct spelling.
  - o If you forgot your password, select the "Forgot My Password" link under the sign in button (this only pops up when the password entered is incorrect).
  - o A link will be emailed to you, please select the **second link** to change your password.

**NOTE:** Registered members can log in and review all tickets submitted.



- Enter all relevant information in detail (the items marked with red asterisks are the most important).
  - o **Full name:** Enter first and last name
  - o **Center Name:** Enter the name of your NICU/hospital
  - o Center ID(s): Enter the four digit CPQCC assigned NICU ID number to which the request/issue is referring
  - o Email address: Enter the email address you would like to sign up with, have already signed up with, and where you want to receive responses
  - o **Subject:** Enter a question, concern or summary of the issue
  - o **Type:** Select an option from the dropdown list (see screenshot below)
  - o **Description** Describe your request/issue in more detail. This information is required to submit a ticket.





NOTE: CPQCC office hours are Monday – Thursday 8a-5p. All requests sent after hours or on weekends may not be responded to until the following business day.

### Resources

### **CPQCC** Help Desk

Please submit a Help Desk ticket for all data and program related requests, inquiries etc.

### NICU Data Mentorship Program

Our NICU Data Mentorship Program is designed to pair NICU contacts that require additional support with data abstraction, entry, and analysis with experienced mentors from other member NICUs.

# **Close-Out Checklist**

Please use this online tool to track all deadline deliverables that are due throughout the current data finalization year.

### **NICU Data Timeline**

Lists a schedule of all NICU deadline dates and deliverables required to be completed throughout the year.

### **NICU Eligibility**



Please review this page for NICU infant eligibility for inclusion into the NICU database

### **NICU Data Resources**

Download the NICU Database Manual, forms, and all other data related documents from this webpage.

# **Training and Webinars**

Please review this page for our training webinars and resources.

### **CCS Form Tip Sheet**

Please review this tool when entering your CCS data.

# Still-In Hospital (SIH)

Process for submitting records for infants still hospitalized as of the June 1st.

### NICU Data Sharing Agreement

NICU Data Sharing is the process that allows two or more NICUs that care for the same patient to share data about that patient with each other. This process ensures that all data that is submitted into CPQCC's NICU Database for transported infants is accessible only to the NICUs involved in the infant's care. This agreement must be signed to participate.

### NICU Data Sharing Manual

The NICU Data Sharing Manual provides instructions how to use the the NICU Data Sharing tool to participate in and complete the data sharing process for all NICUs involved in the patient's care.

# NICU Data Sharing Q&A

The NICU Data Sharing Q&A provides quick answers to the most common questions about the NICU Data Sharing tool and process.