

NICU Database Update

2020 Data Training Sessions

Overview

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How can we foster a culture of quality improvement? How can we get better at being better?

- How can we **elevate the value** of the work of Data Contacts?
- How can we **engage leadership** to **encourage collaboration** between all data teams (i.e NICU, CPeTS, HRIF)?
- How can we **better improve data quality and data linkage between programs?**



2020 Data Sets

TRANSPORT

- Patient Diagnosis
- Demographics
- Time Sequence
- Infant Condition/ TRIPS
- Referral Process
- Comments

NICU

- Demographics
- Maternal History & Delivery
- Delivery Room and First Hour of Birth
- Post-Delivery Diagnoses and Interventions
 - Respiratory
 - Infections
 - Other Diagnoses, Surgeries
 - Neurological
- Congenital Malformations
- Initial Disposition
- Post-Transport Status

2020 Data Sets

HRIF

- Very Low Birth Weight (VLBW) Infant
- Completed Gestational Age < 32 Weeks
- ECMO, Cooling, or Moderate/Severe HIE Diagnosis
- Surgery for Congenital Heart Disease
- Nitric Oxide Use
- Seizures during any stay prior to home discharge

CCS SUPPLEMENTAL FORM

- Section A. Hospital Births and Deaths (by BW)
- Section B. Total Admissions to Your NICU (by BW)
- Section C. Total Transports-Out of Your NICU (by BW)
- Section D. Hospital Births and NICU Inborn Admissions (by GA)
- Section E. Average Daily Census In Your NICU, Newborn Antibiotic Exposures (NAE) and Antibiotic Use Rate (AUR)
- Section F. Central-line Associated Bloodstream Infections (CLABSI)
- Perinatal Quality Improvement (QI) Project Inventory

2020 Data Sets

ALL NICU ADMISSIONS OPTIONAL

- All infants admitted into the NICU (regardless of CPQCC eligibility)
- By Birth year or Admission year
- Demographics
- Admission
- ABX/Central lines
- Disposition

MATERNAL EXPOSURES OPTIONAL

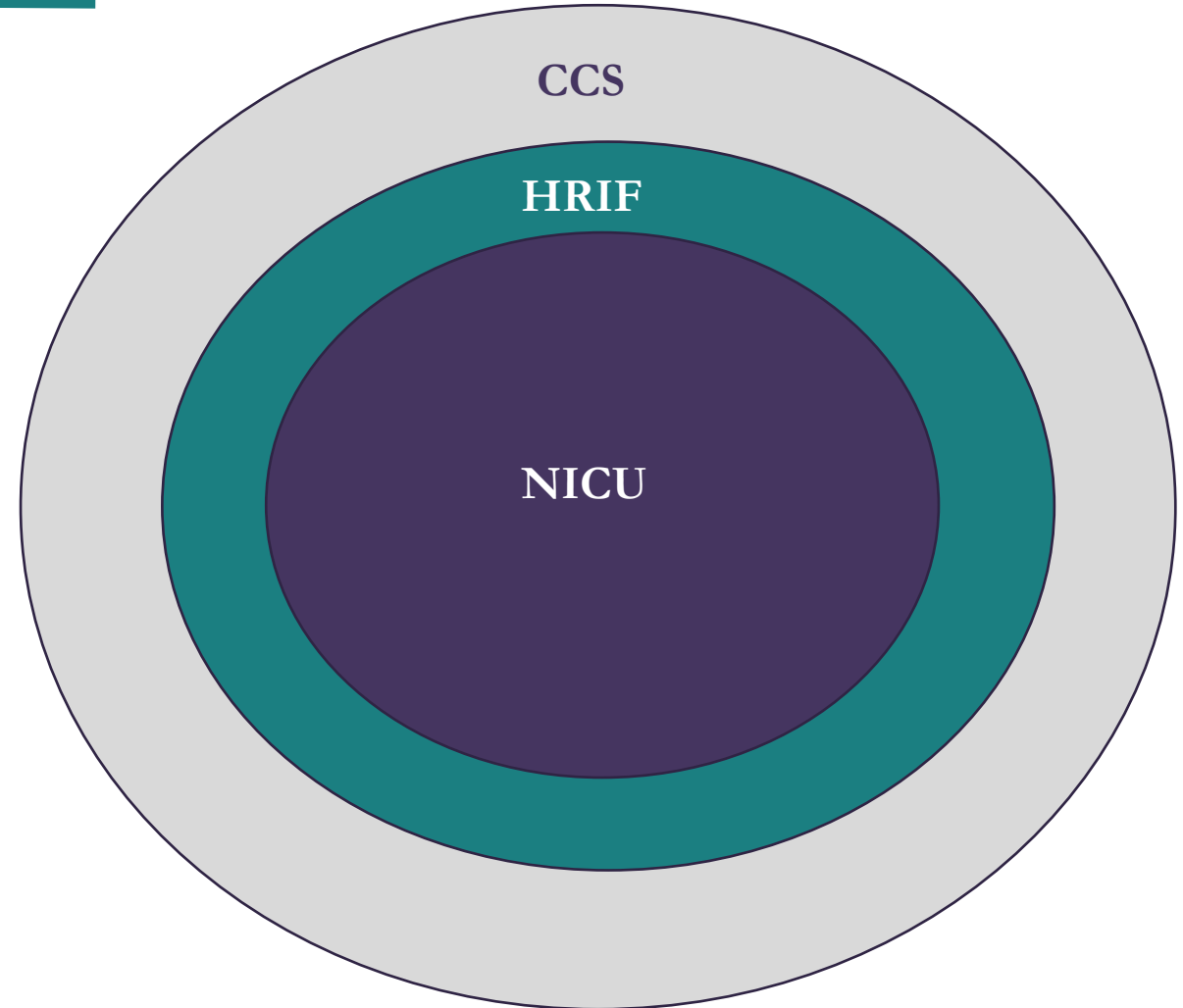
- Demographics
- Maternal History
- Maternal Screen
- `Infant Screen
- Infant Non-RX Treatment
- Disposition

NICU Eligibility



NICU Database Eligibility

- Infants are **NICU** eligible if they are either:
 - Very Low Birth Weight (VLBW) – Small Baby
or
 - Severe Acuity – Big Baby
- **ALL NICU and HRIF** eligible infants meet CCS eligibility criteria
- But **NOT** all infants with CCS eligible conditions will be **NICU** or **HRIF** eligible



Small Baby Eligibility

VLBW

Any infant who is born at or admitted to your hospital within 28 days of birth, with:

- **birth weight 401 - 1,500 grams, OR**
- **gestational age 22 weeks 0 days to 31 weeks 6 days (inclusive)**

Outborn Small Baby infants are eligible regardless of where they receive care in your hospital (NICU admission not required).

In summary, all Small Babies are eligible for entry into the NICU Database.

Big Baby

Severe Acuity

Any infant who is born at or admitted to your hospital within 28 days of birth, with a birth weight that is greater than 1500 grams MUST also meet one of the following 11 criteria to be eligible:

1. Infant Death
2. Acute transport in
3. Acute transport out
4. Surgery
5. Intubated Assisted Ventilation for > 4 continuous hours
6. Nasal IMV/SIMV (or any other form of non-intubated assisted ventilation) for > 4 continuous hours
7. Early bacterial sepsis
8. Previously discharged home and readmitted to your hospital for exchange transfusion and/or bilirubinemia level ≥ 25 mg/dL
9. Suspected encephalopathy or suspected perinatal asphyxia
10. Active therapeutic hypothermia
11. Seizures

NICU Data Site



NICU Data Site

www.cpqccdata.org



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Welcome, Demo!
NICU 0000

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2019

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Any options below the year selector are for the selected year.

Dear NICU Participant,

On 09/21/2019 the help interface for the 2019 NICU Data DRD, A/D and CPeTS forms and the 2019 CCS form was updated. The NICU Data Center now has the ability to update form help information in real-time and users are connected to this information repository. Check out this new feature, and of course let us know if you experience any problems.

A note to **Optional NICU Admits DB users**: On 8/30 the routine for reading the two fields acute transport-in and acute transports-out was updated incompletely which led to those two fields not being read correctly. Infants who were coded as Yes for Acute Transport-In and/or Acute Transport-Out were not properly captured between 8/30 at 2:32 PM through 9/14 at 1:45 PM and will need to have their record updated. If you prefer that we update the records for you, please send a help desk ticket with a list of ID numbers and the fields that need to have Acute Transport-In coded as Yes and/or Acute Transport-Out coded as Yes. We apologize for any inconvenience.

[Click here to take the Data finalization evaluation survey.](#)

[Click here to register for CPQCC Data Trainings](#)

Submit a **help ticket** if you have any questions. Join our **Mentorship Program** if you need a mentor or would like to become a mentor.

Thank you,

NICU Data Center

Last updated: 09/21/2019 at 11:29

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NICU Data Site

www.cpqccdata.org



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NICU Data Update Log / Message Archive

09/21/2019

- Comprehensive update of help screen interface for 2019 NICU Data DRD, A/D and CPeTS form and 2019 CCS forms.
- Expired session management update.

09/15/2019

A note to the **Optional NICU Admits DB users**: On 8/30 the routine for reading the two fields acute transport-in and acute transports-out was updated incompletely which led to those two fields not being read correctly. Infants who were coded as Yes for Acute Transport-In and/or Acute Transport-Out were not properly captured between 8/30 at 2:32 PM through 9/14 at 1:45 PM and will need to have their record updated. If you prefer that we update the records for you, please send a help desk ticket with a list of ID numbers and the fields that need to have Acute Transport-In coded as Yes and/or Acute Transport-Out coded as Yes. We apologize for any inconvenience.

07/09/2019

- The quarterly reports for 2019/Q2 available.
- 2019 DCRs updated. Starting with this update, five additional inconsistencies might appear in your report. These inconsistencies are of importance due to their relevance for HRIF eligibility. The five new areas checked for coding inconsistencies are:
 - HIE - situations are flagged if during any prior stay an infant was diagnosed with moderate or severe HIE while your NICU's A/D form does not indicate the same;
 - ECMO utilization - situations are flagged if during any prior stay ECMO was utilized while your NICU's A/D form does not indicate any ECMO utilization;
 - CHD - situations are flagged if during any prior stay an infant underwent one of the surgeries that indicate CHD while your NICU's A/D form does not indicate the same;
 - INO - situations are flagged if during any prior stay Nitric Oxide was administered while your NICU's A/D form does not indicate any use of Nitric Oxide;
 - Seizures - situations are flagged if any prior stay showed evidence of seizures while your NICU's A/D form does not reflect evidence of seizures.

These checks were added to avoid confusion about HRIF eligibility and allow for timely registrations of eligible infants.

← Add New DRD, A/D or CPeTS Record

TRS and
A/D

CPeTS Acute Inter-facility Transport: Was the infant transported to your NICU within 28 days of life, who requires medical, diagnostic, or surgical therapy that is not provided, or for 2018 that cannot be efficiently provided due to temporary staffing /census issues, or due to insurance restrictions at the referring hospital?

Note that starting from 2019, an infant transported for insurance reasons or staffing/census issues is not considered an acute transport!

Yes No

DRD

Did the infant die in the delivery room or any other location in your hospital within 12 hours of birth AND prior to NICU admission? (Infants who died in the delivery room with a birth weight of 400 grams or less should not be included unless their gestational age is 22 to 29 (prior to 2013) / 31 (2013 or later) completed weeks)

Yes No

Birth weight: \geq 401 grams [VON Expanded DB Center] who was born or admitted at your hospital within 28 days of birth.

Yes No

Gestation: 22 weeks 0 days - < 30 weeks of gestation prior 2013 (29 weeks and 6 days should be checked as 'Yes') who was born or admitted at your hospital within 28 days of birth.

Yes No

Gestation: 22 weeks 0 days - < 32 weeks of gestation 2013 or later (31 weeks and 6 days should be checked as 'Yes') who was born or admitted at your hospital within 28 days of birth.

A/D

Does the infant meet at least one of the following criteria:

1. Infant Death, or
2. Surgery, or
3. Intubated Assisted Ventilation for > 4 continuous hours, or
4. Nasal IMV/SIMV (or any other form of non-intubated assisted ventilation) for > 4 continuous hours (2009 or later), or
5. Acute transport-in, or
6. Acute transport-out, or
7. Early bacterial sepsis, or
8. previously discharged home and readmitted to your hospital for exchange transfusion and/or bilirubinemia level \geq 25 mg/dL AND birth weight > 1,500 grams who was born or admitted at your hospital within 28 days of birth (2007 or later), or
9. Suspected encephalopathy or suspected perinatal asphyxia (2013 or later), or
10. Active therapeutic hypothermia (2013 or later), or
11. Seizures (2019 or later)

Yes No

The infant is eligible for the NICU database.

To start the process of submitting data on-line, check birth year of infant, enter record ID, and retrieve the correct form. Note that you will only be able to continue if you check the birth year and enter a valid record ID!

Birth Year: 2018 2019

NICU ID: 0000

Record ID:

Last 3 Record IDs Entered: 1404 1403 1402

Admission/Discharge Form

NICU Data Site

www.cpqccdata.org

Demographics Items 1-8	Maternal HX Items 9-18	DR Items 19-23	Respiratory Items 24-39	Infections Items 40-42	Other DX/PX Items 43-47	Neurological Items 48-51	Anom. / Bili Items 52-55	Disposition Items 56-60
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1. Birth Weight	<input type="text" value="1000"/>	grams			
2. Head Circumference at Birth	<input type="text" value="27.0"/>	cm	<input type="checkbox"/> Not Done	<input type="checkbox"/> Unk	
3. Best estimate of gestational age	a) Weeks	<input type="text" value="25"/>			
4. Date/Time of Birth	<input type="text" value="01-01-2019"/>		at	<input type="text" value="03:00"/>	<input type="checkbox"/> Time Unk
5. Infant Sex	<input type="text" value="Male"/>				
6. Died in Delivery Room	<input type="text" value="No"/>				
7. a) Location of Birth	<input type="text" value="Outborn"/>				
<i>Note: For infants who were previously home, always check Outborn, even if the infant was born at your hospital or was born at the co-located hospital</i>					
	b) Age in Days at Admission to your NICU	<input type="text" value="1"/>			
	c) Select hospital of birth for outborn infants	<input type="text" value="Demo Center B (000001)"/>			
8. Hospital Admission History					
<i>Note: The Hyperbilirubinemia Items 53 to 55 are activated ONLY IF the infant Was Home after Birth (Item 8a).</i>					
	a) Discharged Home after Birth?	<input type="text" value="Never Discharged Home from a Hospital after Birth"/>			
	b) NICU Re-Admission Status after PDH	<input type="text" value="Not Applicable"/>			

Item 2. Head Circumference at Birth [BHEADCIR]

Enter the head circumference to the nearest tenth of a centimeter as recorded in the chart or clinical flow sheets on the day of birth. If the head circumference was not recorded on the day of birth, record the first head circumference measurement taken on the following day. The head circumference entries allowed should be between 10.0 cm and 70.0 cm.

Select **Not Done** if the head circumference was not measured on the day of birth or on the following day.

Select **Unknown** if this information cannot be obtained.

CPeTS Acute Inter-facility Transport: Was the infant transported to your NICU within 28 days of life, who requires medical, diagnostic, or surgical therapy that is not provided, or for 2018 that cannot be efficiently provided due to temporary staffing /census issues, or due to insurance restrictions at the referring hospital?

Note that starting from 2019, an infant transported for insurance reasons or staffing/census issues is not considered an acute transport!

Did the infant die in the delivery room or any other location in your hospital within 12 hours of birth AND prior to NICU admission? (Infants who died in the delivery room with a birth weight of 400 grams or less should not be included unless their gestational age is 22 to 29 (prior to 2013) / 31 (2013 or later) completed weeks)

Birth weight: \geq 401 grams [VON Expanded DB Center] who was born or admitted at your hospital within 28 days of birth.

Gestation: 22 weeks 0 days - < 30 weeks of gestation prior 2013 (29 weeks and 6 days should be checked as 'Yes') who was born or admitted at your hospital within 28 days of birth.

Gestation: 22 weeks 0 days - < 32 weeks of gestation 2013 or later (31 weeks and 6 days should be checked as 'Yes') who was born or admitted at your hospital within 28 days of birth.

Does the infant meet at least one of the following criteria:

1. Infant Death, or
2. Surgery, or
3. Intubated Assisted Ventilation for > 4 continuous hours, or
4. Nasal IMV/SIMV (or any other form of non-intubated assisted ventilation) for > 4 continuous hours (2009 or later), or
5. Acute transport-in, or
6. Acute transport-out, or
7. Early bacterial sepsis, or
8. previously discharged home and readmitted to your hospital for exchange transfusion and/or bilirubinemia level \geq 25 mg/dL AND birth weight > 1,500 grams who was born or admitted at your hospital within 28 days of birth (2007 or later), or
9. Suspected encephalopathy or suspected perinatal asphyxia (2013 or later), or
10. Active therapeutic hypothermia (2013 or later), or
11. Seizures (2019 or later)

[The infant is eligible for the NICU database.](#)

To start the process of submitting data on-line, check birth year of infant, enter record ID, and retrieve the correct form. Note that you will only be able to retrieve the form if you enter the correct birth year and enter a valid record ID!

Birth Year: 2018
 2019

NICU ID: 0000

Record ID:

Last 3 Record IDs Entered: 1404 1403 1402

Admission/Discharge Form

NICU Data Eligibility

The NICU Data website collects the elements of the NICU Database on-line. Starting in 2007, CPQCC as an agent of the **California Perinatal Transport System (CPeTS)** is also collecting data on all infants who were transported into a participating NICU for medical/diagnostic services or surgery.

Infants meeting the following criteria are eligible for the NICU Database:

- Small Babies:
 - The infant's birth weight is 401 to 1,500 grams, and was born or admitted to your hospital within 28 days of birth.
 - The infant's gestational age is 22 weeks to 31 weeks and 6 days (less than 32 weeks), and was born or admitted to your hospital within 28 days of birth.
 - All small babies are eligible for entry into the NICU Database, regardless of whether they were born at your hospital ("inborn") or were born at a different hospital ("outborn") but were acutely transported to your hospital for care by any service (not just the NICU), as long as the transport occurred before the baby's 28th day of life.
- Big Babies:
 - The infant was admitted to your hospital within 28 days of birth and at least one of the following conditions applied:
 - Infant death;
 - Major surgery;
 - Intubated Assisted Ventilation greater than 4 continuous hours;
 - Acute transport-in to receive medical, diagnostic, or surgical therapy that cannot be provided at the sending hospital;
 - Early bacterial sepsis;
 - Total Serum Bilirubin of \geq 25 mg/dL (427 micromols/Liter) and/or an exchange transfusion;
 - Nasal IMV/SIMV or any other form of non-intubated assisted ventilation greater than 4 continuous hours.
 - *Suspected* encephalopathy or *suspected* perinatal asphyxia defined as cardiorespiratory depression at birth based on any one

Add New Data

2019 Admission/Discharge Form Started by HIS on 01/01/2019 @ 07:39. Last update by HIS on 08/14/2019 @ 13:14. **57:41**

NICU ID: 0000 Record ID: 01401 Birth Year: 2019 DOB: 1-1-2019 BW: 1000 GA: 25/3 NICU Data Eligible Infant

Demographics Items 1-8	Maternal HX Items 9-18	DR Items 19-23	Respiratory Items 24-39	Infections Items 40-42	Other DX/PX Items 43-47	Neurological Items 48-51	Anom. / Bili Items 52-55	Disposition Items 56-60
---------------------------	---------------------------	-------------------	----------------------------	---------------------------	----------------------------	-----------------------------	-----------------------------	----------------------------

Demographics

1. Birth Weight grams
2. Head Circumference at Birth cm Not Done Unknown
3. Best estimate of gestational age a) Weeks b) Days:
4. Date/Time of Birth at Time Unknown
5. Infant Sex
6. Died in Delivery Room
7. a) Location of Birth
Note: For infants who were previously home, always check Outborn, even if the infant was born at your hospital or was born at the co-located hospital (for satellite NICUs only).
b) Age in Days at Admission to your NICU
c) Select hospital of birth for outborn infants
8. Hospital Admission History
Note: The Hyperbilirubinemia Items 53 to 55 are activated ONLY IF the infant Was Home after Birth (Item 8a).
a) Discharged Home after Birth?
b) NICU Re-Admission Status after PDH

Mark this record as deleted

Coding Rules

Data Collection

Each record ID in the NICU Database describes one infant's **episode of care** in the hospital.

An **episode of care** is defined as all the care that an infant receives until they are discharged to home. If an infant is moved from your NICU to another unit within your Center (Step-Down Unit, Well Baby Nursery, Pediatrics Ward, Intermediate Care Nursery, PICU, etc.), **continue collecting data until discharge to home, transported to another hospital, or death.** If the infant is readmitted to your hospital from **home**, that is considered a new episode of care.

Examples for a single **episode of care for all eligible infants**:

- Admission or readmission to the NICU, or any other units within the hospital (**“Hospital A”**)
- Acute transport to and from other hospitals (**“Hospital B”**)

Note: Include any interventions that occurred prior to admission/readmission to your hospital. Ultimate disposition (Home, Died, etc.) must also be known, **even if the baby is not readmitted.**

NICU Data Site

Electronic Data Submission (EDS)

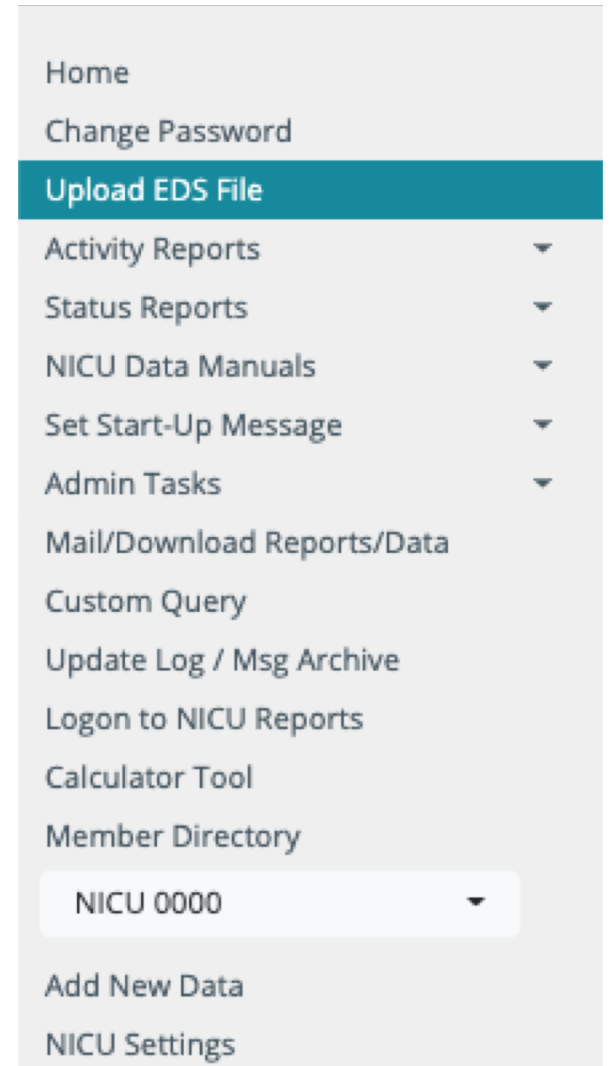
There are two ways to submit data to the NICU Database.

1. Online – enter one record at a time
2. EDS – upload multiple records via CSV or Excel file

EDS files can be uploaded through the 'Upload EDS File' link on your navigation bar

If you are interested in submitting EDS files, please:

- Review the EDS Instructions located on the main CPQCC website (www.cpqcc.org) under “NICU Data Resources”.
- Submit a Help Ticket at www.cpqcchelp.org if you have questions



The screenshot shows a vertical navigation menu with the following items: Home, Change Password, Upload EDS File (highlighted in teal), Activity Reports (with a dropdown arrow), Status Reports (with a dropdown arrow), NICU Data Manuals (with a dropdown arrow), Set Start-Up Message (with a dropdown arrow), Admin Tasks (with a dropdown arrow), Mail/Download Reports/Data, Custom Query, Update Log / Msg Archive, Logon to NICU Reports, Calculator Tool, Member Directory, a dropdown menu currently showing 'NICU 0000' (with a dropdown arrow), Add New Data, and NICU Settings.

Sending Reports/Data

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Welcome, Demol
NICU 0000

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[Logon to NICU Reports](#)

[Calculator Tool](#)

E-Mail Reports - E-Mail or Download NICU Data

What would you like to send?

- Most current error and warnings report
- Quarterly reports
- Center Master DB
- CCS Report
- Unknown Report
- Pending Report

Choose Data Format (for master DB to center only):

- Comma Separated ASCII File
- SAS File

For which birth year? 2019 ▾

Quarterly report for which quarter?

- 1st Quarter
- 2nd Quarter
- 3rd Quarter
- 4th Quarter

Process Send Request **Process Download Request**

Click to have the item selected sent to your e-mail address that is registered to CPQCC

Click to download the data in a password protected ZIP archive through your browser

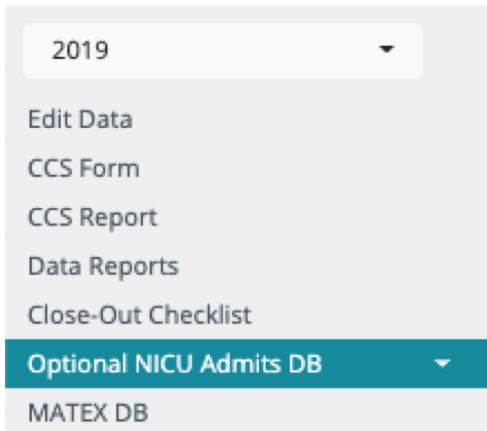
All NICU Admissions Database

Optional tool that allows members to track **all of their NICU admissions** throughout the year

- 39 NICUs are currently participating

ADVANTAGES

- Real-time NICU admissions displayed on the Dashboard
- All NICU admissions denominator for Big Baby metrics
- Automatic population in certain sections of the CCS Form



All NICU Admissions Database

← NICU 0000 Optional All NICU Admissions Database for Infants Born in 2019 ↻ ← Manual ▾

Show entries

ID	DOB	TOB	BW	GA	Mult	Adm Dt	Adm Tm	Admit Notes	Birth Loc	Ref Loc	Ac Trs In
20190002	01-01-19		2,402	34/0	S	02-23-19			DEMO ...	PICU	No
1401	01-01-19	03:00	1,000	25/3	2A	01-01-19			000001	000001	Yes
20190001	01-01-19	23:23	3,202	37/3	S	01-06-19	00:37		DEMO ...	ED	No
20190003	01-02-19	11:59	2,052	33/1	2B	01-02-19	12:26				
20190005	01-03-19	18:39	4,522	41/1	S	01-04-19	00:51			ED	
20190004	01-03-19	23:41	2,377	31/0	S	01-03-19	23:47				
20190006	01-04-19	19:19	3,272	37/4	S	01-06-19	18:36			ED	
20190007	01-08-19	22:52	2,202	33/2	S	01-08-19	22:52				
20190009	01-09-19	07:41	2,282	34/5	S	01-09-19	07:55				

- ...
- Show all records
- Infants Still-In-House
- NICU Admissions with Central Line
- NICU Admissions with ABX Days
- NICU Admissions with CLABSI
- Inborn never home and immediately admitted to NICU after birth
- Inborn never home admitted from another unit within my hospital
- Born at Co-Located Hospital never home
- Outborn and Admitted to this NICU from another hospital or non-hospital location or unit in my hospital
- Admitted from home or from another unit within my hospital after home discharge
- Re-admitted from another unit within my hospital (continuing care episode)
- Re-admitted from another unit within my hospital (new care episode)
- Re-admitted from another hospital (continuing care episode)
- Re-admitted from another hospital (new care episode)
- Re-admitted from home
- Home from this NICU
- Transported-Out
- Died in this NICU
- Transfer to another unit within my hospital

2019 ▾

Edit Data

CCS Form

By Birth Year

By Admission Year

Optional NICU Admits DB ▾

MATEX DB

Create New Optional NICU Admits DB Record

Demographics

Admission

ABX / Central Lines

Disposition

Reference Number

Provide a reference number (integer) that identifies unique NICU admissions OR unique infants. Leave empty if you would like the system to assign the next available sequential reference number. If you are assigning reference numbers by infant, use the infant's reference number for the first stay and use the Re-Admission Counter to indicate the re-admission incidence.
Do not use the infant's MRN.

Readmission Counter

If your reference number is unique for each infant admitted to your NICU, specify the re-admission incidence to identify unique NICU stays. In this case, date of birth, time of birth, birth weight, gestational age, multiple status and birth location are copied based on the infant's Reference Number. **Leave empty unless the infant was previously at your NICU.**

Date of Birth

The year of birth must be 2019.

Time of Birth

Birth Weight

Specify the birth weight in grams. Any non-number entries are ignored.

Gestational Age (ww/d)

Specify gestational age in completed weeks and days as WW/D or WW.D or WW-D or WWD or WW (assumes 0 for days).

Multiple

NICU Data Record ID

Cancel

Create

CCS Supplemental Form

Section A Section B Section C Section D Section E Section F QI Prj 1

A. Hospital Births and Deaths of Infants Born in 2019 by Birth Weight

Infants Born Between 1/1/2019 and 12/31/2019	< 401 grams	401-500 grams	501-750 grams	751-1,000 grams	1,001-1500 grams	1,501-2500 grams	> 2500 grams	Total
Total Live Births by Birth Weight in your center from 1/1/2019 to 12/31/2019 Should be ... compared to your NICU Data submissions Number of births based on your hospital's vital statistics birth data. Latest birth date reported for this birth year is 10/02/2019.	0	0	0	0	0	0	0	0
<i>Deaths for infants born in 2019 who either: 1) died while under the care of your NICU staff regardless of the location in your hospital (Non-Delivery Room Deaths), or 2) died in the delivery room or initial resuscitation area within 12 hours of birth and prior to NICU admission (Delivery Room Deaths). Also include infants not born in your hospital. Do NOT include stillborns.</i>								
Total Deaths of Infants Admitted to Your NICU (or under the care of your NICU staff regardless of the location in your hospital) This row will be updated based on your entries for the number of deaths prior and post 28 days.	0	0	0	0	0	0	0	0
NICU Deaths Prior to and Including the 28th Day of Life (*) (Not Stillborn, Non-Delivery Room Deaths) Should be ... compared to your NICU Data submissions Should be ... based on your All NICU Admits DB	0	0	0	0	0	0	0	0
NICU Deaths after the 28th Day of Life (**)(Not Stillborn, Non-Delivery Room Deaths) Should be ... compared to your NICU Data submissions Should be ... based on your All NICU Admits DB	0	0	0	0	0	0	0	0
Delivery Room Deaths Should be ... compared to your NICU Data submissions	0	0	0	0	0	0	0	0

Check for Errors Check Pending Items Save Form

Populate Form with Values based on NICU Admit DB Hide Values based on NICU Admit DB

- NICU Data Submission shows data entered for eligible CPQCC infants
- Vital statistics data from **CMQCC** shows the **number of births at your hospital** from birth certificate data (or hosting location for satellite NICUs)
- All NICU Admit DB shows data for ALL infants admitted into the NICU
 - Allows **population** of the CCS Supplemental Form with values from the All NICU Admit DB

NICU Reports



NICU REPORTS SITE

www.cpqccreport.org

- CPQCC NICU report site allows you to understand your NICU data and use those insights to drive improvements in NICU care.
- Members can now login to the NICU report site via the NICU data site.
 - You will need to have approved access to the NICU report site to use this feature.

Home

Change Password

Upload EDS File

Mail/Download Reports/Data

Custom Query

My Activity Summary

NICU Settings

Update Log / Msg Archive

[Logon to NICU Reports](#)

NICU REPORTS SITE

www.cpqccreport.org

- Quick Intro
- Getting Started
- Data Bases and Denominators
- Website User Interface Basics
- Context-Sensitive Information
- My Activity and Trending Topics
- Dashboard
- Baby MONITOR
- Health Equity Dashboard
- Small Baby Snapshot
- CCS Report
- HRIF
- Quality Indicators
- Eligibility
- Basic Table
- Detail Tables**
- Control Charts
- Risk-adjusted Trend / Comparison
- CPeTS
- CPQCC Members
- Risk-Adjustment Models
- Topic Selector
- Update Log
- Future Plans
- Credits
- 

Detail tables by birth weight or gestational age

Detail tables provided volume and incidence rates of processes and outcomes by birth weight and gestational age either for all CPQCC infants or infant sub groups.

For NICU level tables, yearly tables are available starting from the first year the NICU was a CPQCC participant.

Region level tables are available starting from 2006 since only for 2006 or later, CPQCC had the capacity to connect multiple admissions of the same infant within the same region and consolidate these records into a single region record.

Besides the center / region level table, a comparison is shown. For centers, the comparison group can be all CPQCC network NICUs, NICUs of the same CCS level or all NICUs in the same perinatal region.

Compare to: CPQCC Network

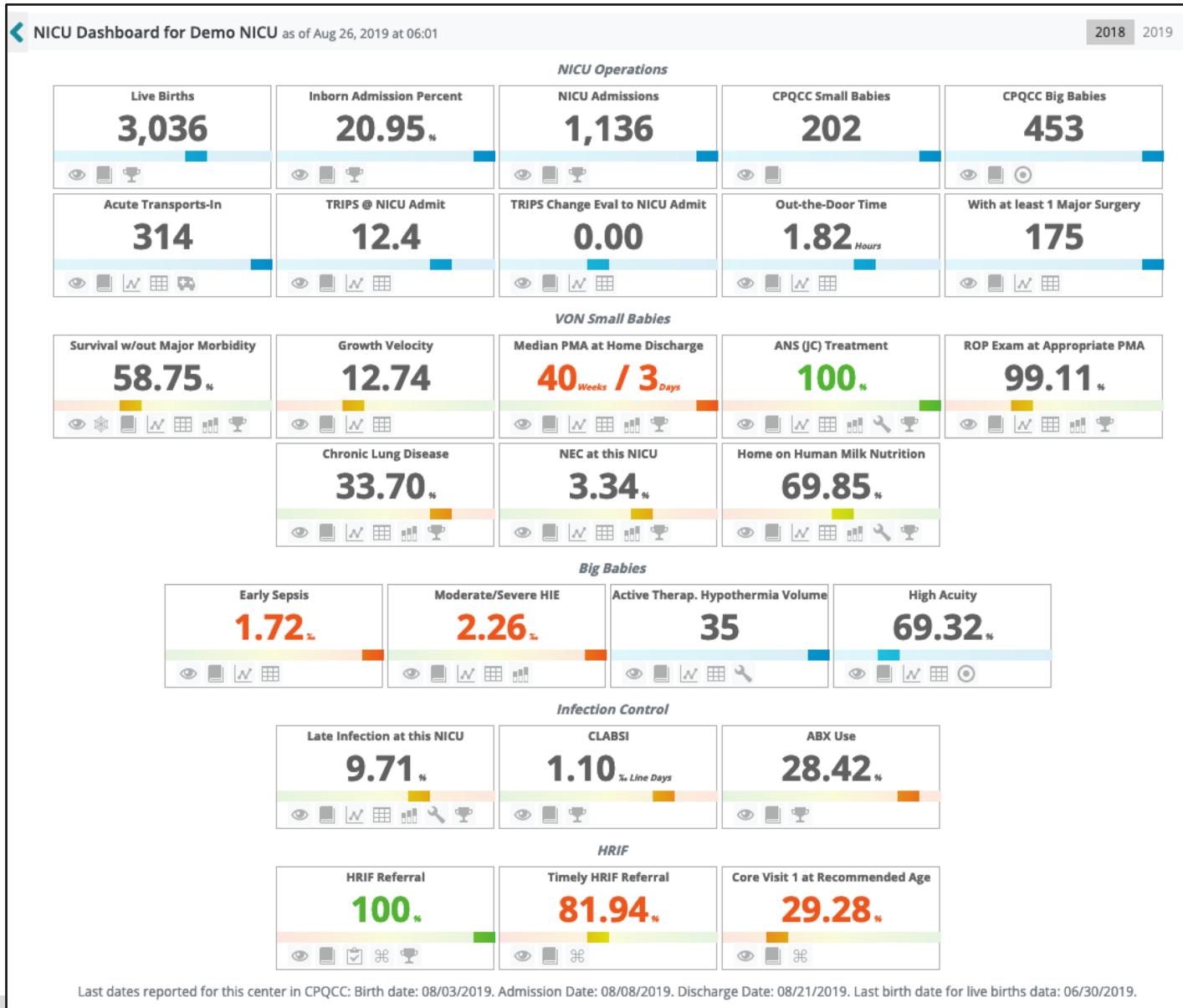
- Compare to: CPQCC Network
- Compare to: Same CCS Level
- Compare to: Same Region
- Compare To: ChHsp
- Compare to: Freestanding ChHsp

Dashboard

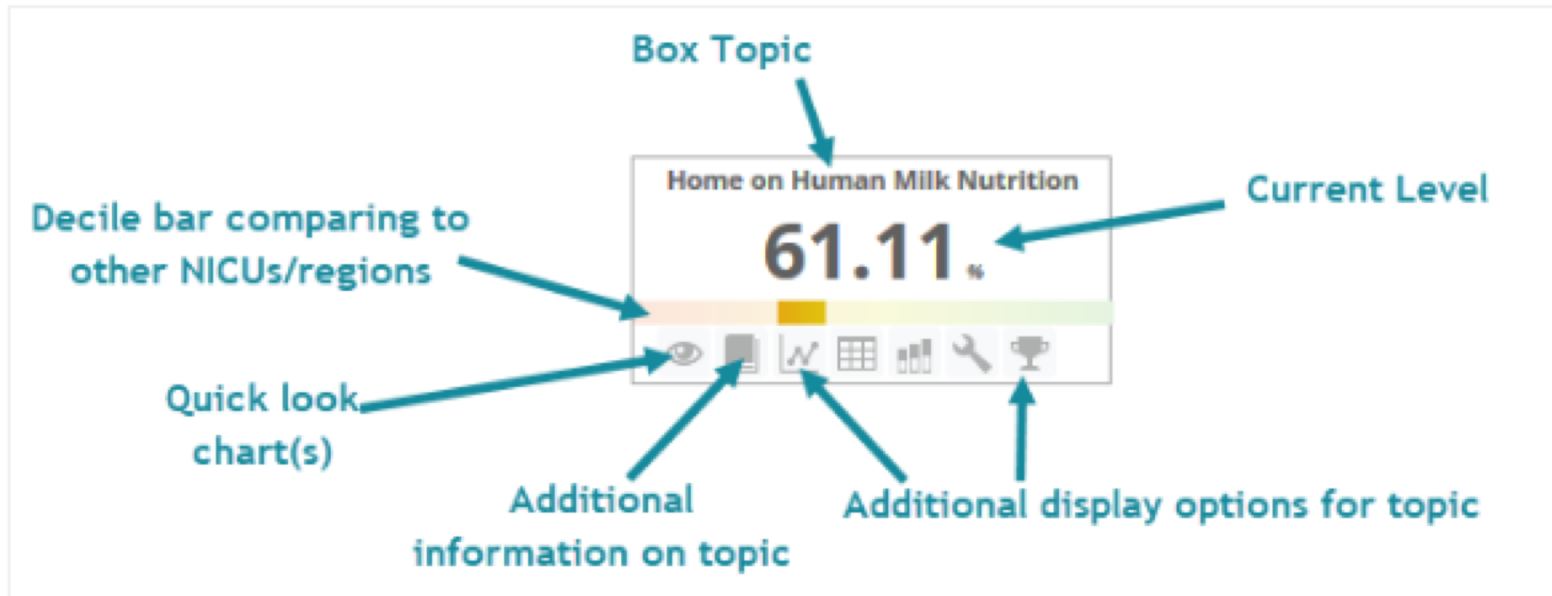
Welcome, Demol
NICU User

Dashboard

- Home
- Dashboard**
- Baby MONITOR
- Small Baby Snapshot
- CCS Report
- HRIF/NICU Match Summary
- HRIF/NICU Match Detail
- Quality Indicators
- Eligibility
- Detail Table
- Basic Table
- Control Chart
- Risk-Adj Trend / Comparison
- CPeTS Transport In
- CPeTS Transport Out
- Connect to CMQCC
- Trending Topics & My Activity
- Change Password



Dashboard



CURRENT LEVEL

- A quantitative measure of the NICU's current level of performance is shown
- QI measures are reflected in green for NICUs performing among the top 10% in the state, and in orange for those in the bottom 10%

DECILE BAR

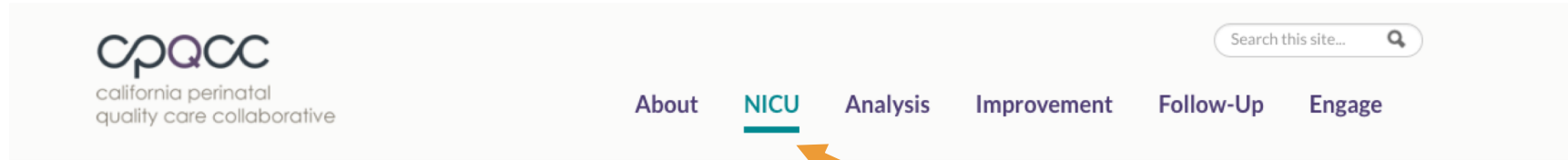
- Shows your center's position in comparison to all other CPQCC centers or perinatal regions

ADDITIONAL OPTIONS

- Additional information and resources about the box topic

NICU Reports Overview

www.cpqcc.org



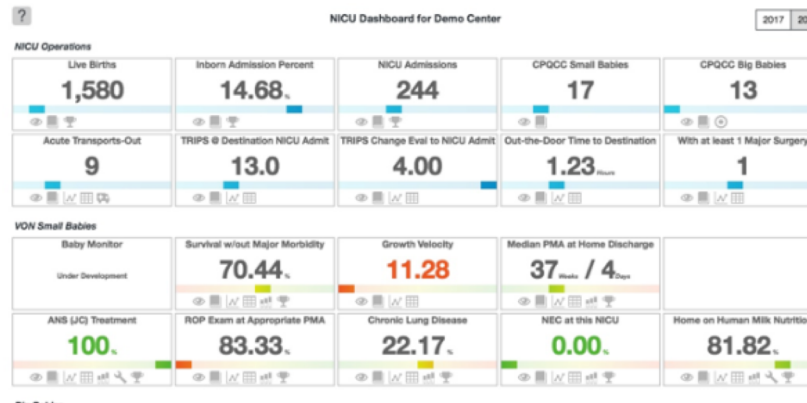
- NICU Data
- NICU Reports
- NICU Data Resources
- Committee Oversight

NICU Reports

CPQCC's [NICU Reports](#) site allows you to visualize and understand your NICU data and use those insights to drive improvements in NICU care. Below we profile a few of our most exciting types of reports. [For more information on available reports >](#)

Dashboard

The Dashboard serves as a launchpad for quality improvement, providing a snapshot of both clinical and operational metrics for each NICU. The dashboard can be used to get a sense of areas where a unit is performing well and areas that may require further attention. Graphs can be downloaded in JPEG or PDF formats for distribution among the NICU team or to hospital leadership.



2020 NICU Database Updates

Big Baby Eligibility

CHANGE: Added a Note to major surgery requiring anesthesia

- **Note:** “General or spinal anesthesia” qualification only applies to Item 47a. Other Surgery, for surgeries that are not in the Surgical Codes list Appendix C.

Updated 2020 Description – Major Surgery:

This category includes major invasive surgeries, requiring general anesthesia **or** anesthesia techniques considered by your neonatologist to be equivalent to general anesthesia, during the infant’s current admission to the NICU. It also includes surgeries that have traditionally required anesthesia but may now be performed at the bedside using local anesthesia or no formal anesthesia. The specific procedures listed in Appendix C qualify as major surgery.

The following surgeries do not qualify the infant for NICU Database eligibility:

- pyloromyotomy
- unilateral or bilateral inguinal hernia repair
- central line placement
- circumcision.

Only conditions that require general anesthesia, anesthesia techniques that your neonatologist feels is equivalent to general anesthesia, or major surgery with alternative methods qualify. Most of these procedures involve an open cavity (head, chest, abdomen, etc.)

NICU ADMISSION DISCHARGE (A/D) & DELIVERY ROOM DEATH (DRD) FORM

Demographics (tab 1, items 1-8):

Item 5. Infant Sex [SEX]

CHANGE: Added the option to select “**Undetermined**”.

Updated 2020 Definition:

- Select **Male** or **Female**
- Select **Undetermined** when sex is not assigned as male or female by the time of discharge because it has been considered to be undetermined (or “ambiguous”) by the clinical team
- Select **Unknown** if the sex cannot be obtained.

NICU ADMISSION DISCHARGE (A/D) & DELIVERY ROOM DEATH (DRD) FORM

Delivery Room and First Hour after Birth (items 19-23):

Item 22c. Bag/Mask [DRBM]

CHANGE:

- Update the item description from “**Bag/Mask**” to “**Positive Pressure Ventilation (PPV) via Mask**” or “**Bag/Mask PPV**”.
- Added note to Item 22g **NIPPV (Nasal Intermittent Positive Pressure Ventilation)** that **NIPPV** is different from bag/mask PPV.

Updated 2020 Definition:

Item 22c. “Positive Pressure Ventilation (PPV) via Mask” or “Bag/Mask PPV”

- Select **Yes** if the infant received any positive pressure breaths with a bag and face mask in the delivery room or during the initial resuscitation performed immediately after birth. Positive pressure may be administered using a resuscitation bag, T-piece, or other device that generates intermittent positive pressure.

NICU ADMISSION DISCHARGE (A/D) & DELIVERY ROOM DEATH (DRD) FORM

Respiratory (items 24-39):

Item 25c. Intubated High Frequency Ventilation [HFV]

CHANGE: Update the definition to include “through an endotracheal tube”

Updated 2020 Definition:

- Select **Yes** if the infant received high frequency ventilation (IMV rate ≥ 240 /minute) through an endotracheal tube at any time after leaving the delivery room/initial resuscitation area.
- Select **No** if the infant never received high frequency ventilation (IMV rate ≥ 240 /minute) through an endotracheal tube after leaving the delivery room/initial resuscitation area.

NICU ADMISSION DISCHARGE (A/D) & DELIVERY ROOM DEATH (DRD) FORM

Respiratory (items 24-39):

Item 38. Respiratory Support at 36 Weeks

CHANGE: Applicable to **Small Babies** only.

- Item 38 is not applicable if:
 - The infant's GA is greater than 36 weeks
 - The infant is discharged home/transported-out from your NICU prior to 36 weeks and not readmitted
 - The infant is a big baby (32 weeks or greater and birth weight is greater than 1,500 grams.)

NICUs participating in the VON expanded data set still need to provide the “Respiratory Support at 36 Weeks” items for **both Small and Big Babies**.

CPQCC Help Desk

www.cpqcchelp.org

Create Tickets
Live Chat



No account required

Access previous tickets
Community Forums

Users can ask/answer questions
Post tips
Start new topic(s)
Respond to existing topics

(CPQCC reviews and approves all topics)



Account required

User Satisfaction Surveys



GOOD



AVERAGE




POOR

The screenshot shows the CPQCC Help Desk Support website. At the top, there is a navigation bar with 'Home', 'Solutions', and 'Forums'. A search bar is prominently displayed with the text 'How can we help you today?' and a 'SEARCH' button. To the right of the search bar are links for 'New support ticket' and 'Check ticket status'. The main content area is divided into two columns. The left column features a 'Knowledge base' section with sub-sections for 'General' and 'Data Center'. Under 'General', there are links for 'FAQs (1)' (including 'Business/Office Hours') and 'Getting Started (1)' (including 'Supported Web Browsers'). Under 'Data Center', there are links for 'CPQCC Program (6)' (including 'Eligibility Criteria', 'Big Baby Eligibility', 'Activity Schedule', 'Selection Criteria for the 2018/2019 CPQCC Dataset', and 'Manual Definitions, Forms, and Materials') and 'Reporting System (2)' (including 'Access to CPQCC Data Entry and CPQCC Reports' and 'CPQCC Login Security Protocol'). The right column features a 'Community forums' section with a 'Start a new topic' link and a list of forum categories: 'CPQCC Forums', 'Announcements (0)', 'Feature Requests (1)', 'Additional Data Administrators on Contact R...' (posted by Diana Arthur, 3 months ago), 'Tips and Tricks (0)', 'Report a problem (0)', and 'CPQCC FAQs (0)'. The top right corner of the page includes a 'Welcome' message and links for 'Login' and 'Sign up'.

CPQCC Help Desk

How can we help you today?

Enter your search term here...

[+ New support ticket](#) 

[Check ticket status](#)

Knowledge base

General

- FAQs (1)
 - Business/Office Hours
- Getting Started (1)
 - Supported Web Browsers

All NICU Admission Database FAQs (1)

- FAQs

Data Center

- CPQCC Program (6)
 - Eligibility Criteria
 - Big Baby Eligibility
 - Activity Schedule
 - Selection Criteria for the 2018/2019 CPQCC Dataset
 - Manual Definitions, Forms, and Materials
 - [See all 6 articles](#)
- Reporting System (2)
 - Access to CPQCC Data Entry and CPQCC Reports
 - CPQCC Login Security Protocol

FAQs (21)

Community forums

Showing recent updates
[Start a new topic](#)

CPQCC Forums

- Announcements (0)
- Feature Requests (1)
 - [Additional Data Administrators on Contact R...](#)
Posted by *Diana Arthur*, 7 months ago
- Tips and Tricks (0)
- Report a problem (0)
- CPQCC FAQs (0)

Submit a ticket

Full name *

Center name *

Center number

Email *

Request Type *

Select Website (if applicable)

Subject *

Description *

B *I* U

+ Attach a file

THANK YOU!!