What's New with NICU Data

October 15, 2025



Webinar Logistics



All attendees are muted upon entry.



Please use the Q & A function – we will do our best to answer questions during the webinar.



We welcome your feedback and recommendations for improving future webinars.



Webinar Logistics

- The slides and webinar recording will be sent out after the webinar and will also be posted on the CPQCC website at https://cpqcc.org/engage/annual-data-training-webinars-2025
- If you attend as a team, please create a sign in sheet and send it to <u>contactmccpop@stanford.edu</u> to be eligible for contact hours/CEU's
- Attendees will be eligible for contact hours through the Mid-Coastal California Perinatal Outreach Program (MCCPOP). MCCPOP is approved as a provider of continuing education by the California Board of Registered Nurses, Provider #3104. This course has been approved for **up to** 1.5 contact hours for the 90-minute events and 1.0 contact hours for the 60-minute events.
- Attendees must remain on the webinar for the entire time and fill out our survey in order to receive contact hours. The survey will be available immediately following this webinar.



Presenters



ANNALISA WATSON, MPH PROGRAM MANAGER



FULANI DAVIS
PROGRAM MANAGER
LEAD



JESSICA LIU, PhD
BIOSTATISTICIAN



HENRY C. LEE, MD
NICU MEDICAL
DIRECTOR, JACOBS
MEDICAL CENTER,
UC SAN DIEGO



Agenda

DURATION	TOPIC	PRESENTER
12:00 – 12:05 PM (5 min)	Welcome & Introductions	Annalisa Watson
12:05 – 12:20 PM (15 min)	2024 Data Finalization Summary & 2026 NICU Database Changes	Annalisa Watson
12:20 – 12:35 PM (15 min)	NICU Databases & CCS Metrics	Fulani Davis
12:35 – 12:55 PM (20 min)	NICU Reports Tutorial	Jessica Liu
12:55 – 1:00 PM (5 min)	Periviable Gestation Prognosis Estimator	Henry Lee
1:00 – 1:10PM (10 min)	Q&A Panel	Group



NICU Data Center 2024 Data Finalization Summary

Annalisa Watson, Program Manager



CPQCC NICU Data Center Team

Program Managers



FULANI DAVIS PROGRAM MANAGER, LEAD



ANNALISA WATSON PROGRAM MANAGER



CPQCC NICU Data Center Team

Developer & Biostatisticians











BEATE DANIELSEN DEVELOPER

MIHOKO BENNETT BIOSTATISTICIAN

XIN CUI BIOSTATISTICIAN

JESSICA LIU BIOSTATISTICIAN

TIANYAO LU BIOSTATISTICIAN



CPQCC Member NICUs

168 total NICUs in California136 CPQCC Member NICUs

CCS Level

- 15 Intermediate NICUs
- 86 Community NICUs
- 23 Regional NICUs
- 12 Non-CCS

Perinatal Regions

- 11 North Coast East Bay
- 10 Northeastern
- 10 San Joaquin Central Valley Sierra Nevada
- 11 Mid-Coastal
- 14 Southern Inland Counties
- 27 Central- North LA Coastal Valley
- 9 Orange County
- 10 South Coastal and East LA
- 12 San Diego and Imperial
- 7 Kaiser North
- 15 Kaiser South





NICU Data Finalization Deadlines

Production Schedule

FEB 1 ST	MAR 15	APR	APR 1 st	MAY 15 th	JUN 1 ST	JUN 2 ND	JUN 2 ND	JUN 7 th	JUN 7 th	JUN 15 th	JUL 15 th	JAN - DEC	OCT 10 th
	*			*		y			<u>**</u>				
DEADLINE	SUPER STAR AWARD	ANNUAL DATABASE REVISIONS	DEADLINE	GOLD STAR AWARD	DEADLINE	EARLY BIRD AWARD	ALL STAR AWARD	DEADLINE	CROWN AWARD	ANNUAL REPORT	ANNUAL REPORT	SURPRISE AWARD	ANNUAL REPORT
Submit items 1-2 in the Close-Out Checklist Late Fee if not completed	Submit the April 1st items by March 15th	Submit the Database Change Request Form by April	Submit items 3-8 in the Close-Out Checklist Late Fee if not completed	Submit the June 1 st items by May 15th	Submit items 9-13 in the Close-Out Checklist Late Fee if not completed	Submit the CCS Report	Earn the Supers tar and Early Bird Awards	Submit item 14 in the Close-Out Checklist Late Fee if not completed	Submit all DF items on time	DF Status Report	CPQCC & CCS Annual Reports		VON Annual QMR Report

NICU Data Finalization Deadlines

Quarterly Deadlines

JAN 1st	JAN 7 th	APR 7 th	JUL 7 th	OCT 7 th	OCT
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 Quality Achievement Announcements	1st Quarterly Close Out Submit all eligible infants born between Jan 1st — Mar 31st to be included in the 1st Quarter Report	2nd Quarterly Close Out Submit all eligible infants born between Jan 1st — Jun 30th to be included in the 2nd Quarter Report Quality Achievement Announcements	3rd Quarterly Close Out Submit all eligible infants born between Jan 1st – Sept 30th to be included in the 3rd Quarter Report	Data Trainings





2026 CPQCC Membership Dues

The 2026 CPQCC Membership Invoices were sent on Monday, September 22nd.

Individual hospital invoices were sent from "Rebecca Robinson via SmartSheet automation@smartsheetmail.stanford.edu." Please check your spam folder.

To retrieve your invoice:

- Click on the link "Open request" in the email to open the webpage.
- Click "1 Attachment" at the bottom to download your invoice.
- Once your invoice is downloaded, check the box that reads "Acknowledge Receipt of Invoice" then click the "Submit Update" box near the bottom.
- Please do not edit your hospital name; if you need to make a name change, please contact <u>support@cpqcc.org</u>.

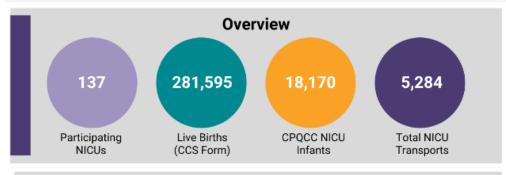
System-level hospital invoices were sent from support@cpqcc.org.

Annual Membership Dues are due February 1st, 2026. We will update your 2026 close-out checklist upon receipt. Please submit a <u>Help Desk</u> ticket if you do not receive an invoice.

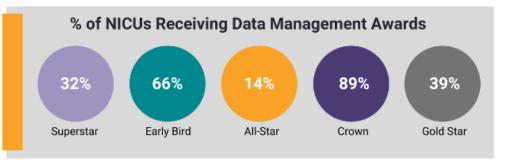


2024 Data Finalization Summary

- 1. January June: 2024 Data Closeout & Awards!
 - Data sets: NICU (higher acuity), CPeTS, CCS, HRIF Registration, and All NICU Admits!
 - Data Management Awards: 370 awardees
- 2. July November: DF Survey Analysis and Follow-up: 141 Surveys completed
 - Responses: 102 Hospitals (76%)
 - DF Guidelines useful? 77%
 - Close-Out Checklist useful? 92%
 - Satisfied with Help Desk: 94%









2025 Achievements

Quality Achievement Announcements – an email announcement was sent out to all NICUs that met one or more of the measures below, which are based on the NICU dashboard report.

Measures

- 100% Antenatal Steroid Use
- 100% Eye Exam Performed at Appropriate Chronological Age
- 0% Healthcare Associated Infections

113/135 = 84% NICUs met at least one goal

100% Antenatal Steroid Administration (ANS)

For infants 24-31 weeks gestation born at your NICU's hospital in 2024.

100% Timely Eye Exam

For infants ≤ 30 weeks gestation born in 2024 and admitted to your NICU during relevant chronological age.

0% Healthcare-Associated Infections

For infants \leq 1500 grams or \leq 29 weeks born in 2024 and admitted to your NICU after day 3 of life, with a minimum of 10 exposed infants.



NICU Data Center 2026 Database Changes

Annalisa Watson, Program Manager



Higher Acuity Database vs All NICU Admits Database

Higher Acuity Database

- Small babies: ≤ 31 weeks GA or $\leq 1,500$ grams
 - Includes VON Small Babies: \leq 29 weeks GA or \leq 1,500 grams
- Big Babies: >1,500 grams that meet specific higher-acuity criteria
- Requires A/D, CPeTS, or DRD forms

All NICU Admits Database (ANAD)

- All babies admitted to the NICU for any reason (includes higher and lower acuity infants)
- Shorter form that can populate CCS Form with aggregate numbers
- Can export to higher acuity database to prefill forms



Database Updates

Summary

All NICU Admissions Database

- Enteral Feeding at Discharge
- First Skin to Skin
- Hours from Birth to Priming with Oral Colostrum

Higher Acuity Database

- 17c Anhydramnios / Oligohydramnios
- 17c Polyhydramnios



ANAD – Enteral Feeding at Discharge – Disposition Tab

Demographics Ad	lmission ABX / Central Lines / FCC	Disposition					
NICU Discharge Date Set to Admit Dt			NICU Disposition	 Home from this NICU Transport-Out to another hospital Died in this NICU Transfer to another unit within my hospital 			
Problems during NICU Stay Check Admit Reasons	Suspected Infection 1 Respiratory distress 1 Hypoglycemia 1 Hyperbilirubinemia 1 Temperature instability 1 Feeding difficulties 1 BW/GA 1 Small for gestational age 1 Perinatal transitional monitoring 1 Neonatal abstinence syndrome 1 Dysmorphic/chromosomal anomaly 1 Apnea/cyanotic event 1 Cardiac 1 Seizure/Neurological 1 Other Problem 1		Enteral Feeding at Discharge Additional Discharge Notes	○ None ○ Human Milk Only ○ Formula Only ○ Human Milk with Fortifier or Formula ○ UNK [optional] Provide additional discharge notes including a description for Other.			
	Check problems during NICU stay, i.e., problems that contributed to the infant's NICU stay and length of stay.						
Acute Transport Out	Check this box if this infant was acutely	transported out of yo	our NICU to another location	outside your hospital.			
Transport/Transfer Locat		nt was transported or	transferred to in any format	you like. Note that the this location can be another NICU, hospital o			
Hospital Discharge Date	Only required if infant left your hospital after unit without being readmitted to your NICU.	transfer to another	Hospital Disposition	 Discharged alive / home Acute transport-out [optional] Non-acute transport-out [optional] Died Only required if infant left your hospital after transfer to another unit without being readmitted to your NICU. 			



ANAD – Enteral Feeding at Discharge

Disposition			
	NICU Disposition 🖨	Home from this NICUTransport-Out to another hospitalDied in this NICUTransfer to another unit within my hospital	
	Enteral Feeding at Discharge 😑	NoneHuman Milk OnlyFormula OnlyHuman Milk with Fortifier or FormulaUNK	



ANAD - Enteral Feeding at Discharge

Higher acuity Item 56. Enteral Feeding at Discharge [ENTFEED] to the All NICU Admits Database (ANAD).

- Select **None** if the infant was not receiving any enteral feedings with either formula milk or human milk at discharge.
- Select **Human Milk Only if** the infant was discharged receiving human milk as their only enteral feeding, either by being breastfed and/or by receiving pumped human milk.
- Select Formula Only if the infant was discharged receiving formula milk as their only enteral feeding.
- Select **Human Milk** in Combination with Either Fortifier or Formula if the infant was discharged receiving human milk, plus human milk fortifier and/or formula milk.
- Select **Unknown** if this information cannot be obtained.



ANAD – Family Centered Care

Demogr	raphics	Admission	ABX / Central Lines / FCC	Disposition
ABX Days				
		Max	ximum possible for this field is 101.	1.
		[opt day	tional] Number of days during this s s in year of admission and subsequ	s stay of IM or IV antibiotic exposure (antibacterial or antifungal agents). If admission period overlaps two years, separat quent year by +, e.g., 5+1.
Central Li	ne Days			
		Max	kimum possible for this field is 101.	1.
		[opt	tional] Number of days during this s	s stay on which the infant had an umbilical catheter or one or more central lines in place.
CLABSI				
CLADSI		[ont	tional] Check this box if CLARSLocci	curred. Dependency on central line days intentionally <u>not</u> implemented!
		į op	condi, eneck and box in ebibbi occi	real sependency on central line days intentionally <u>noc</u> implemented.
FCC: Days	from <u>NICU</u>	Admission to	First Skin-to-Skin <u>at Your Hospita</u>	<u>tal</u>
Days	[optional]	Or, alte	rnatively specify Date of First Ski	kin-To-Skin Set to DOA 03-01-2026
		☐ Prior	to NICU Admission	Done Here Unknown
FCC: Hour	s from <u>Birtl</u>	<u>n</u> to First Admi	nistration of Colostrum <u>at Your F</u>	<u>r Hospital</u>
The numb	er of hours	to oral colostr	rum administration cannot excee	eed 580 hours. If the infant was admitted to your <u>hospital</u> greater than 580 hours after birth, please check
Never Dor	ne Here.			
Hours		Or, alte	rnatively specify Date/Time of Fir	First Colostrum Administration Set to DOA/TOA MM-DD-YYYY HH:m
	[optional]			
		Neve	er Done Here 🔽 Unknown	

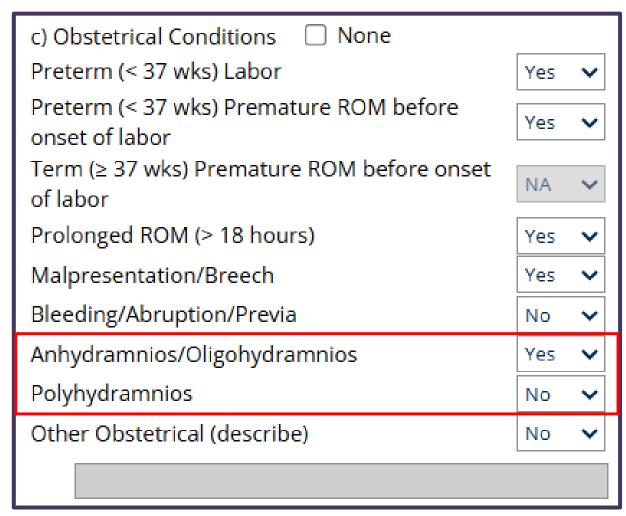
CPQCC

ANAD – Family Centered Care

FCC: Days	CC: Days from <u>NICU</u> Admission to First Skin-to-Skin <u>at Your Hospital</u>							
Days	1	Or, alternatively specify Date of First Skin-To-Skin Set to DOA	03-01-2026					
	[optional]							
		☐ Prior to NICU Admission ☐ Never Done Here ☐ Unknown						
ECC: Hour	rs from Rirth to E	irst Administration of Colostrum <u>at Your Hospital</u>						
		ral colostrum administration cannot exceed 580 hours. If the infant was admitted to y	your hospital greater than 580 hours after birth, please check					
Never Do		ar colostratification carmot exceed 500 floars. If the finant was damitted to	your <u>mospitur</u> greater than 500 hours after birth, piease check					
Hours		Or, alternatively specify Date/Time of First Colostrum Administration Set to DOA/TOA	MM-DD-YYYY HH:m					
	[optional]							
		■ Never Done Here ✓ Unknown						

Higher Acuity Database

17c. Maternal Obstetrical Conditions



Anhydramnios: complete absence of amniotic fluid.

Oligohydramnios: too little amniotic fluid during pregnancy.

Polyhydramnios: Excess amniotic fluid during pregnancy.



Database Updates

Summary

All NICU Admissions Database

- Enteral Feeding at Discharge
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Higher Acuity Database

- 17c Anhydramnios / Oligohydramnios
- 17c Polyhydramnios



NICU Data Center NICU Database – Tools & Tips

Fulani Davis, Program Manager Lead



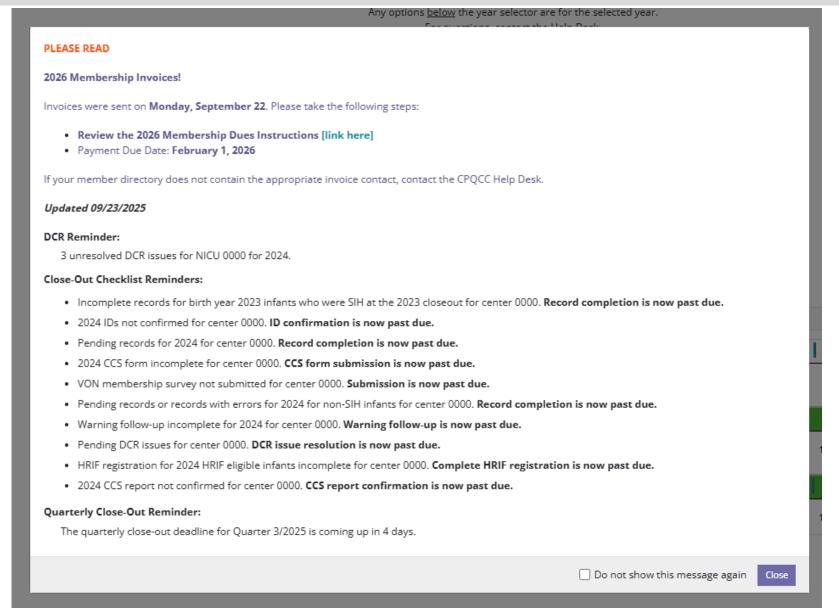
[A

				Confirmation	
#	Activity	Deadline	Done	Date/Time	Resources
1.	2024 Membership Dues Paid Membership dues were received by NICU Data Center. Data entry for 2024 is enabled.	02/01/2024	✓	11/18/2023 @ 09:57	If you have questions about your 2024 dues please submit a ticket at the CPQCC Help Desk.
2.	Confirmation of receipt of e-announcement of data finalization guidelines for 2024	02/01/2025			A link to the 2024 Data Finalization Guidelines will be posted here in December 2024
3.	Submission of VON/CPQCC Contact Report for your NICU for birth year 2024.	02/01/2025			No contact link found for your NICU. If this is a problem submit a Help Desk ticket.
4.	Completion of all records for infants born in 2023 who were SIH at the 2023 closeout.	04/01/2025	✓	10/11/2024 @ 09:52	Pull up Edit SIH ID list for 2023
5.	Submission of ID confirmation form for birth year 2024.	04/01/2025			Review / Confirmation of Record IDs Submitted & Confirmation of CPQCC Conditions for 2024
6.	For infants born in 2024, all CPeTS items for acute transfers into your NICU, all DRD items and all A/D items should be entered into the NICU Database <u>completely</u> . For infants born in 2024 and still in-house all items <u>not related to discharge</u> should be entered into the NICU Database <u>completely</u> .	04/01/2025			Pull up Edit ID list for Record IDs with pending (non-SIH) items for 2024
7.	Submission of error-free CCS form without pending items for birth year 2024. Note that changes to your Higher Acuity NICU Database records might require CCS form updates!	04/01/2025			Open CCS form for 2024
8.	Submission of VON Membership Survey for birth year 2024.	04/01/2025 @ 20:59 PST			Click here to go to VON website to fill out 2024 VON Membership Survey (opens new window)
9.	For infants born in 2024, all CPeTS items for acute transfers into your NICU, all DRD items and all A/D items should be submitted entered into the NICU Database <u>completely and 100% error-free</u> . For infants born in 2024 and still in-house all items <u>not related to discharge</u> should be entered into the NICU Database <u>completely and 100% error-free</u> .	06/01/2025			Pull up Edit ID list of Record IDs with pending (non-SIH) items/errors for 2024
10.	Followed-up all warnings listed in the NICU Database Errors and Warnings Report for birth year 2024. **Currently 6 warnings for review.**	06/01/2025			Generate Warnings w/out Follow-Up Report for 2024
11.	Minimized use of Confirmed Unknown to ≤ 3% for key risk factors and outcomes for <u>inborn infants</u> . Any unknown risk factor: 0.00%. Any unknown outcome: 12.50%.	06/01/2025			Generate Confirmed Unknown Report for Inborn Infants for 2024
12.	Addressed and resolved all inconsistencies listed in the DCR for birth year 2024. **Currently no inconsistencies.**	06/01/2025			Review Data Consistency Report (DCR) for 2024
13.	HRIF registration is 100% of 2024 VLBW infants, infants < 32 completed weeks gestation, infants with HIE/Active Therapeutic Hypothermia, ECMO, INO, seizures or CHD born in 2024 and discharged home from thereporting NICU or from a non-CCS NICU after transport-out from the reporting NICU. For NICU awards, at least 95% of registration must be timely, i.e., within 60 days of home discharge. Current HRIF registration: 0.0 %	06/01/2025			Review infants born in 2024, discharged home from your NICU or a non-CCS NICU after transport out from your NICU who are eligible for HRIF due to VLBW, GA<32 completed Wks, HIE, ECMO, Active Therapeutic Hypothermia, CHD, INO, Seizures and not registered through 10-20-2024.
14.	Confirmation of CCS report for birth year 2024. The CCS reports will be available for review continuously starting from April 1, 2025. As we have to wait for all centers to finalize their 2024 data and as complete data from all centers is needed to generate several components of the CCS report (e.g., the inborn admission rate comparison of your NICU and the CPQCC network), the CCS report confirmation period opens on 6/2/2025.	06/07/2025			Open current version of CCS report for 2024

Set confirmation status for enabled items

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

NICU Data & Report Pop-Up Message





NICU Data Home Page

All Records: Shows the status of data entry compared to records entered in the previous closed out year.

Complete Records: Shows the status of record completeness for records entered (no errors or pending items)

Records without Unknowns: Shows status of records without the use of unknowns for key risk factors and outcomes

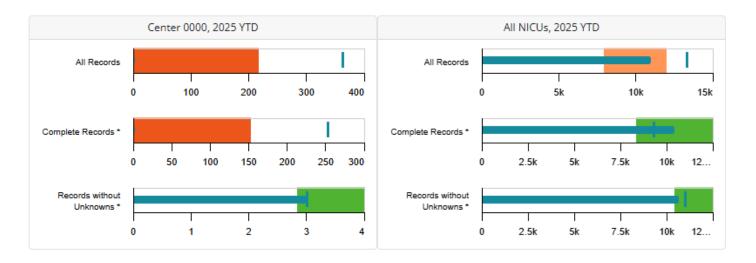
You have successfully logged on. To proceed, make a selection from the sidebar.

Any options <u>below</u> the year selector are for the selected year.

For questions, contact the Help Desk.

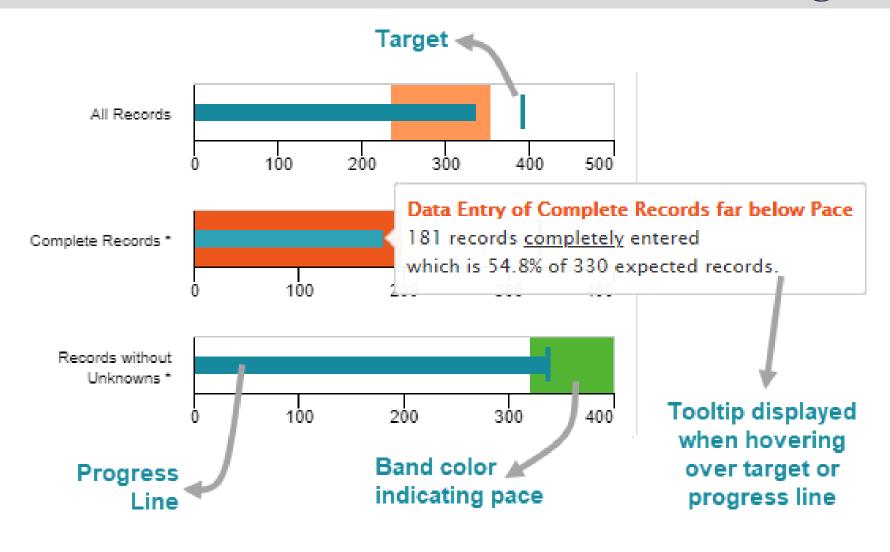
System Status as of 10/03/2025 13:02







NICU Data Home Page

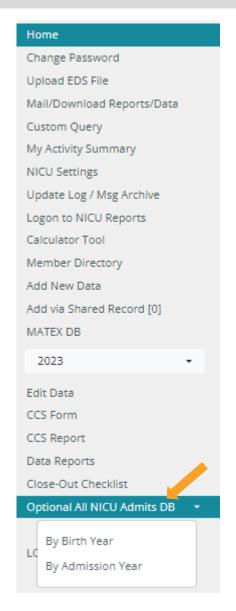


Your target numbers are based on the total number of records your NICU submitted in the previous closed out year. If that number has changed, please contact the help desk and we will update the target number.

New members: If you have a target number in mind, please contact the data center, and we'll get that sup for you.



All NICU Admits Database



How to Access

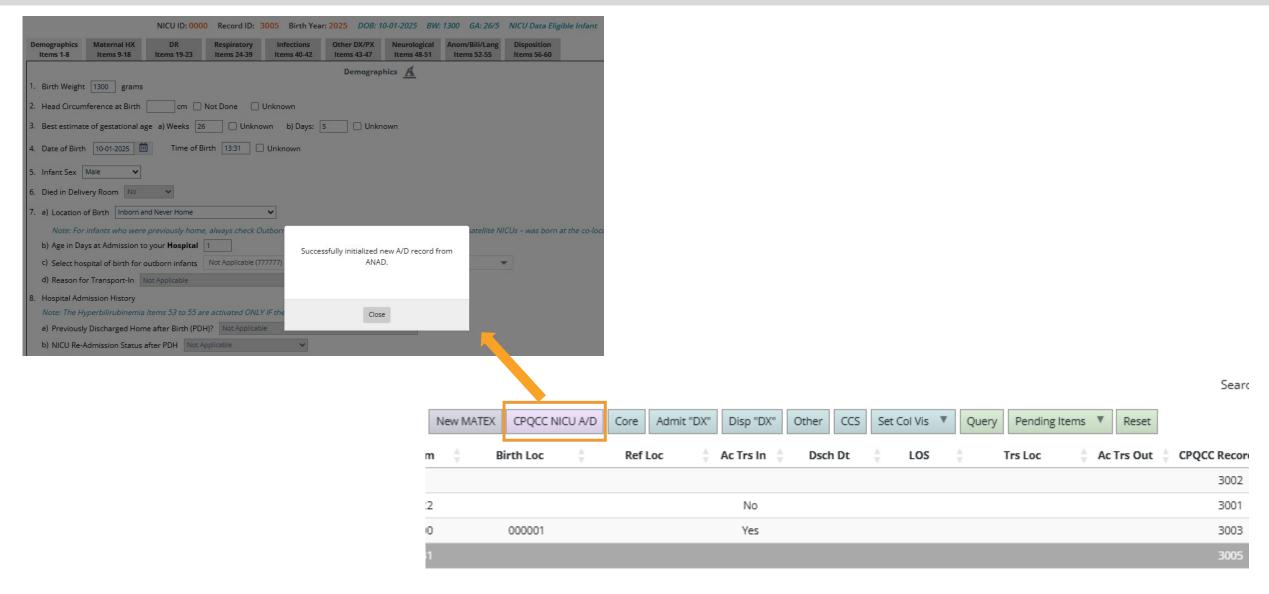
All NICU Admits Database (ANAD)

- You already have access
- Log into <u>www.cpqccdata.org</u>
- Data can be entered/viewed by birth year or admission year
- Data can be uploaded via CSV file or entered online
- Data can pre-populate the CCS Supplemental Form (please see the CCS Tip Sheet)
- Data can pre-populate the CPQCC A/D/CPeTS form
- Data can pre-populate the MatEx form





All NICU Admits Database (ANAD) - Creating an A/D Form

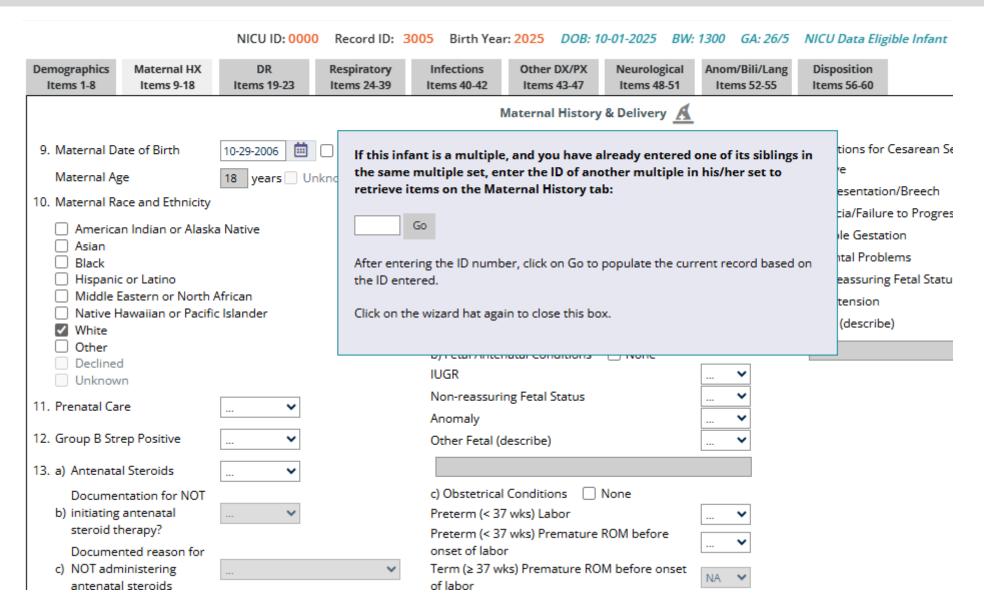




NICU Database - Admission/Discharge Form Tip

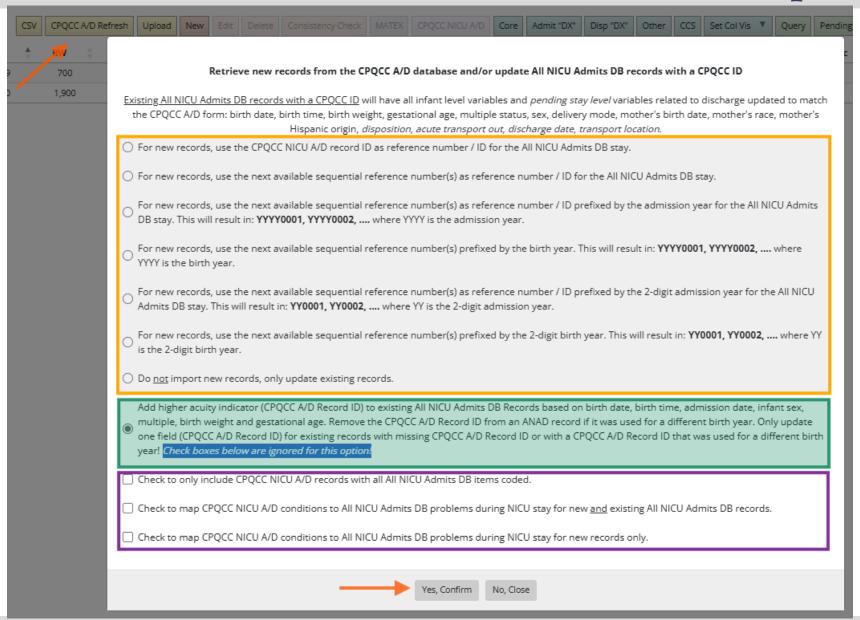
NICU ID: 0000 Record ID: 03002 Birth Year: 2025 DOB: 01-01-2025 GA: NaN/0 NICU Data Eligible Infant BW: 700 Demographics Maternal HX DR Respiratory Infections Other DX/PX Neurological Anom/Bili/Lang Disposition Items 1-8 Items 9-18 Items 24-39 Items 40-42 Items 43-47 Items 48-51 Items 56-60 Items 19-23 Items 52-55 Demographics Birth Weight | 700 grams If this infant was previously in your NICU, discharged home and re-admitted, Head Circumference at Birth cm Not enter the ID of the previous NICU admission at your NICU to retrieve items on the Demographics, Maternal History, Delivery Room and Birth Defect tabs: 3. Best estimate of gestational age a) Weeks Go Time of Birth Date of Birth 01-01-2025 After entering the ID number, click on Go to populate the current record based on Infant Sex Male the ID entered. Died in Delivery Room No Click on the wizard hat again to close this box. 7. a) Location of Birth Inborn and Never Home Note: For infants who were previously home, always check Outborn, even if the infant was born at your hospital or - for satellite NICUs - was born at the co-located ho. b) Age in Days at Admission to your **Hospital** 1 Not Applicable (777777) c) Select hospital of birth for outborn infants d) Reason for Transport-In Not Applicable Hospital Admission History

NICU Database – Admission/Discharge Form Tip



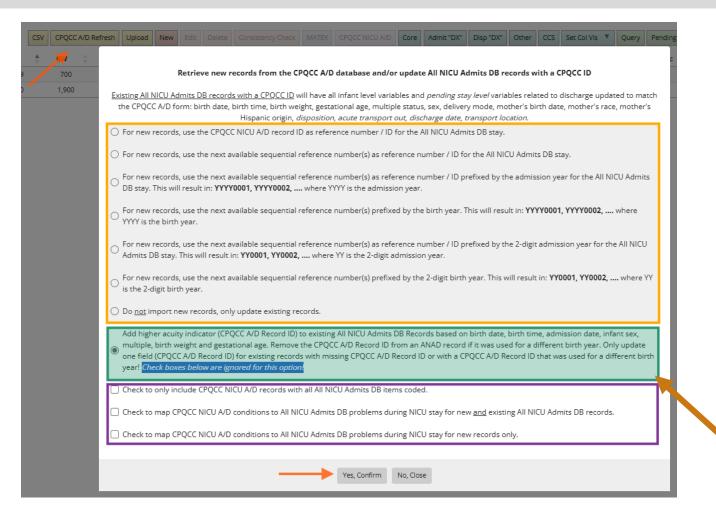


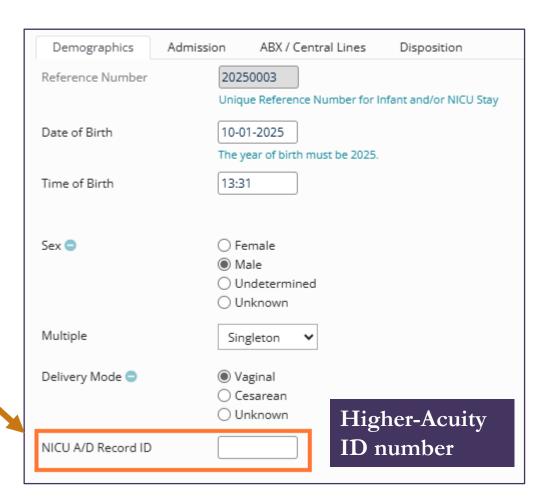
All NICU Admits Database – A/D Form Import





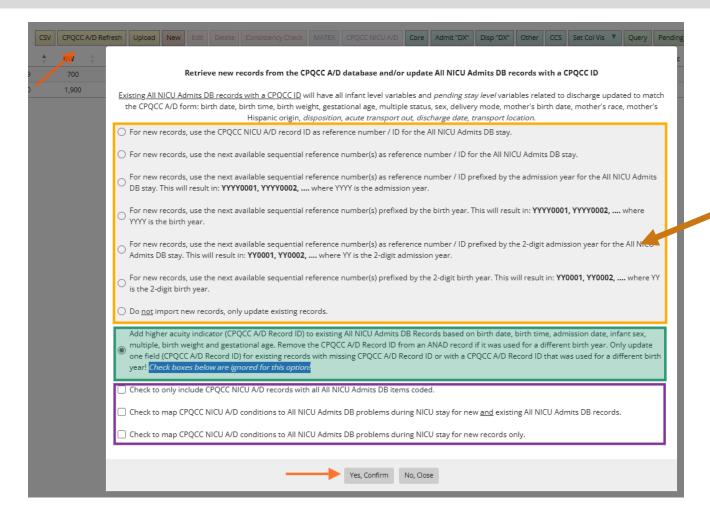
All NICU Admits Database – A/D Form Import

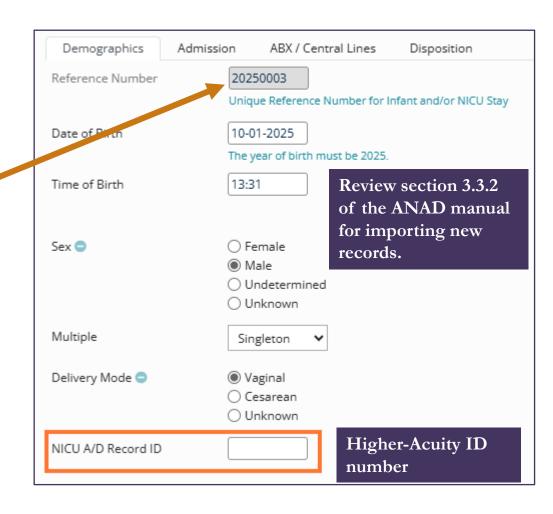






All NICU Admits Database – A/D Form Import

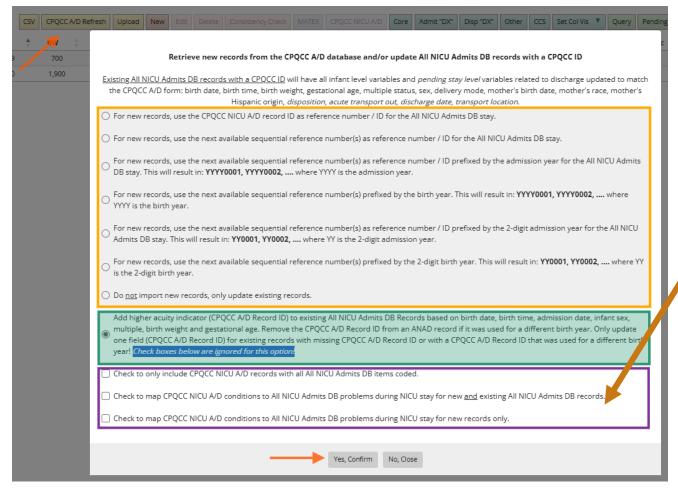


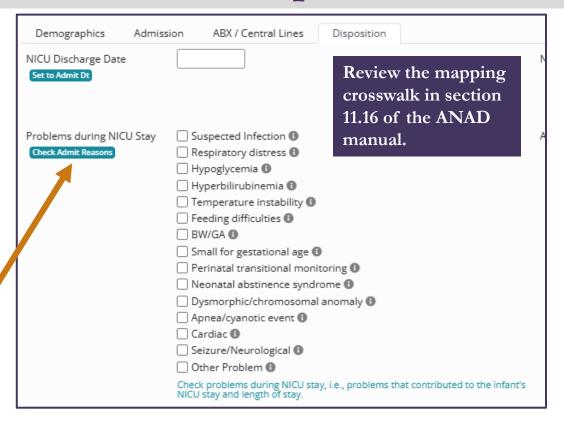


Selecting the option in the top section will import **new records** based on the values in the higher acuity database using the number format that is selected. The last button will only do this for **existing records** already in the ANAD.



All NICU Admits Database – A/D Form Import

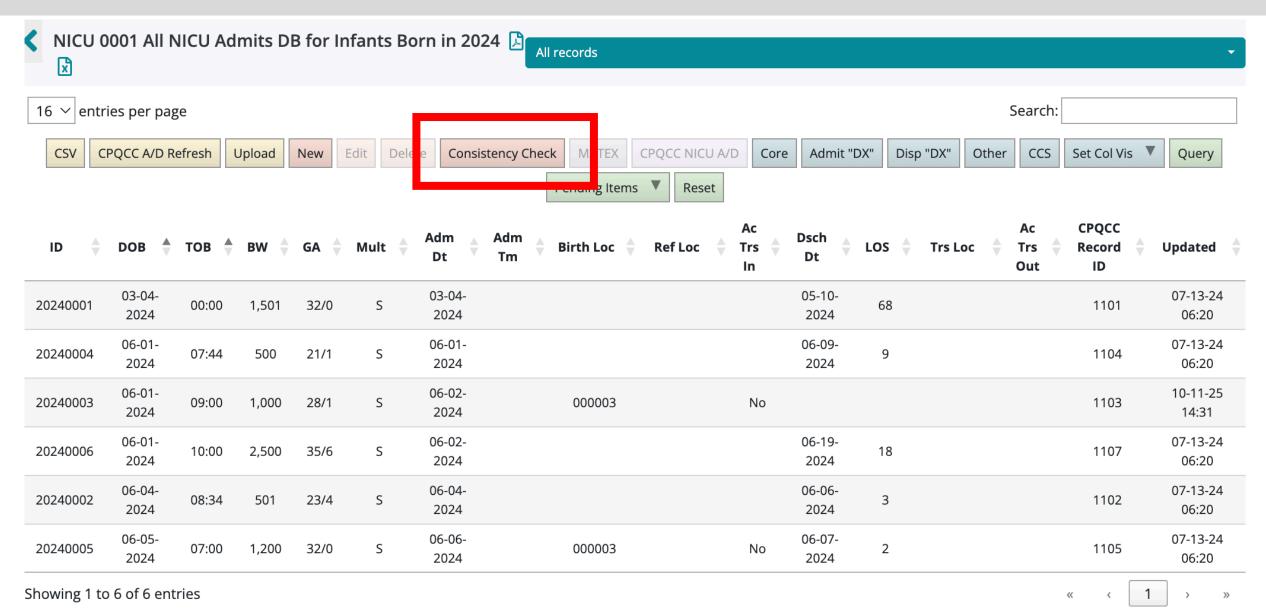




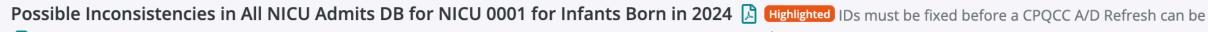
Top option imports new records and populates all the required fields in the ANAD record with values from the admission discharge form.

The last two options imports **NICU conditions** into new or existing ANAD records, based on values in the admission discharge forms.

CPQCC









The following A/D form record IDs are not currently present in your Optional All NICU Admits DB:

2024: 1108, 1110, 1111, 1112

Click to Edit ID	Tab	Field	Error Message	Status
Edit	Admission	Admission Type	The admission type provided, Inborn never home immediately admitted to the NICU after birth (coded value: 0) does not agree with the admission type provided for the Higher Acuity NICU A/D record, Outborn . Please review admission type and address the issue in the Higher Acuity NICU A/D record or here.	

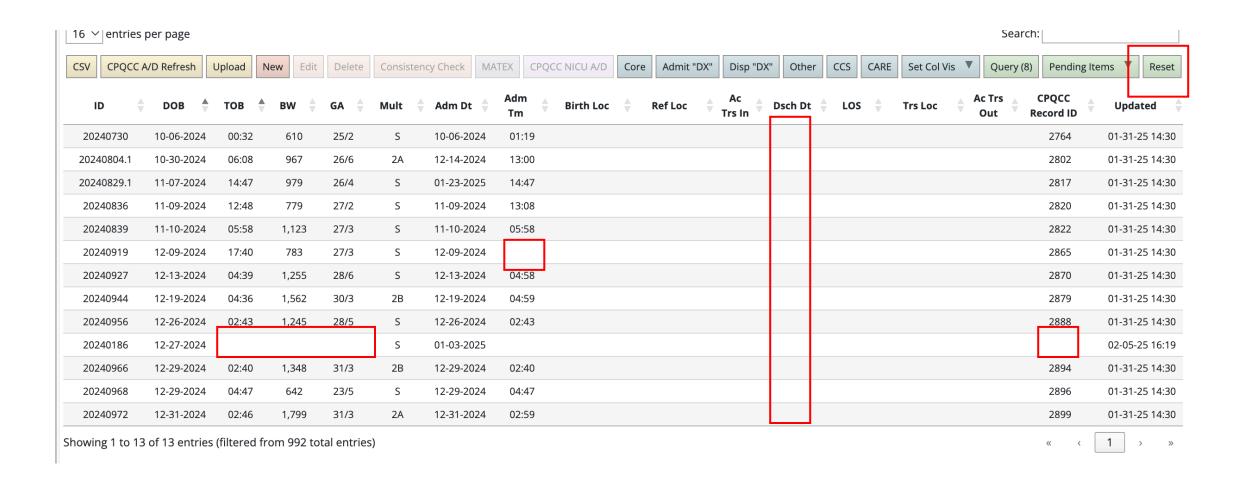
Click to Edit ID	Tab	Field	Error Message								
			The birth date for the All NICU Admits DB record and associated NICU A/D record differ.								
			NICU A/D Record NAD Record Difference								
			Birth Date								
Edit	Demographics	Birth Date	Birth Weight								
Edit	Demographics	Biltil Date	Gestational Age								
			The All NICU Admits DB admission date is <u>prior</u> to the NICU A/D date of birth.								
			If the two records go together, please update the All NICU Admits DB admission date, then run a CPQCC A/D refresh to make sure infant level data in your All NICU Admits DB match corresponding NICU A/D data.								
			Verify that the Higher Acuity NICU A/D record and All NICU Admits DB record pertain to the same infant.								
			NICU A/D Record NAD Record Difference								
			Birth Date								
Edit	Demographics	Birth Date	Birth Weight								
			Gestational Age								
			Please review and update the NICU A/D Record ID as needed. Contact the Help Desk if you need support.								
			The All NICU Admits DB admission date is <u>prior</u> to the NICU A/D date of birth.								

Back to the All NICU Admits Table



CPC	CC A/D Refresh	Upload	New Edi	Delete	Consiste	ency Check	MATEX	CPQCC NICU A/D	Core	Admit "DX"	Disp "DX"	Other	ccs c	ARE Set Col Vis	Quer	y Pending It	tems Reser
ID	DOB *	тов	BW ♦	GA ♦	Mult 🛊	Adm Dt	Adm Tm	Birth Loc	♦ Re	ef Loc 🍦	Ac Trs In Ds	sch Dt 🍦	LOS 🏺	Trs Loc	Ac Trs Out	CPQ CCS fo	
0240002	01-01-2024	10:47	2,606	38/0	S	01-01-2024	11:42				01	-01-2024	1	000001	Yes	24	arge DX Incomple
0240001	01-01-2024	15:49	3,314	37/6	S	01-01-2024	16:08	}			01	-01-2024	1	000001	Yes	24	arge DX Other On
0240003	01-01-2024		2,024	34/6	S	01-01-2024	18:23	,			01	-05-2024	5				t DX Incomplete
0240005	01-02-2024	00:00	1,372	30/4	S	01-02-2024	00:04	,			01	-08-2024	7	000001	No	24 Admit	t DX Other Only
0240004	01-02-2024	11:10	1,032	31/5	S	01-02-2024	11:21				02	-21-2024	51			2404	01-31-25 14:
0240006	01-02-2024		3,385	39/3	S	01-03-2024	05:18	}			01	-10-2024	8				01-31-25 14
0240008	01-03-2024	00:58	3,435	38/0	2B	01-03-2024	01:52				01	-10-2024	8			2407	01-31-25 14:
0240007	01-03-2024	16:56	4,349	38/4	S	01-04-2024	04:57	•			01	-04-2024	1	000001	Yes	2406	01-31-25 14:
0240009	01-03-2024		2,546	37/6	2B	01-05-2024	01:52	!			01	-10-2024	6				01-31-25 14:
0240010	01-03-2024		3,702	39/1	S	01-03-2024	09:25	,			01	-13-2024	11				01-31-25 14:
0240011	01-03-2024		3,915	40/2	S	01-03-2024	10:59				01	-04-2024	2				01-31-25 14:
0240012	01-03-2024		2,133	38/2	S	01-03-2024	10:37				01	-30-2024	28				01-31-25 14:
0240013	01-04-2024	01:27	3,456	37/5	S	01-04-2024	02:12				01	-05-2024	2	000001	Yes	2408	01-31-25 14:
0240014	01-04-2024	12:46	1,932	36/2	S	01-04-2024	12:46				01	-12-2024	9			2409	01-31-25 14:
0240016	01-05-2024	10:35	981	29/2	S	01-05-2024	10:35				04	-06-2024	93			2411	01-31-25 14:
0240017	01-05-2024	14:52	1,725	33/6	2A	01-05-2024	15:34				01	-20-2024	16			2412	01-31-25 14:







/ C	PQCC /	A/D Refresh	Upload	New	Edit Delete	Cons	istency Check	MATEX	CPQCC NICU A/D	Core	Admit "DX"	Disp "DX	" Other	CCS	CARE	Set Col V	is 🔻	Query	Pend	ng Items	Reset
ID	\$	DOB 🌲	тов	₿₩	♦ GA ♦	Mult	Adm Dt	Adm Tm	Birth Loc	♦ R	ef Loc 🍦	Ac Trs In	Osch Dt 🔷	LOS	*	Trs Loc	Ac T		CPQ(CCS form	
24000)2	01-01-2024	10:47	2,606	38/0	S	01-01-2024	11:42	2			C	01-01-2024	1		000001	Y	es	24	Discharge DX In	
024000)1	01-01-2024	15:49	3,314	37/6	S	01-01-2024	16:08	3			C	1-01-2024	1		000001	Y	es	24	Discharge DX O	ther Only
024000)3	01-01-2024		2,024	34/6	S	01-01-2024	18:23	3			C	1-05-2024	5					/	dmit DX Incom	plete
024000)5	01-02-2024	00:00	1,372	30/4	S	01-02-2024	1 00:04	4			C	1-08-2024	7		000001	N	lo	24	dmit DX Other	Only
024000)4	01-02-2024	11:10	1,032	31/5	S	01-02-2024	11:21	1			C	2-21-2024	51					24	ARE Incomplet	e
24000)6	01-02-2024		3,385	39/3	S	01-03-2024	05:18	3			C)1-10-2024	8						01-31	-25 14:30
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24001	0	01-03-2024		3,702	39/1	S	01-03-2024	09:25	5			C	1-13-2024	11						01-31	-25 14:30
24001	1	01-03-2024		3,915	40/2	S	01-03-2024	10:59	9			C	1-04-2024	2						01-31	-25 14:30
024001	2	01-03-2024		2,133	38/2	S	01-03-2024	10:37	7			C	1-30-2024	28						01-31	-25 14:30
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024001	6	01-05-2024	10:35	981	29/2	S	01-05-2024	10:35	5			C	04-06-2024	93					241	1 01-31	-25 14:30
024001	7	01-05-2024	14:52	1,725	33/6	2A	01-05-2024	15:34	4			C	1-20-2024	16					241	2 01-31	-25 14:30



SV CPQC	C A/D Refresh	Jpload	New	Edit	Delete	Consist	ency Check	MATEX	CPQC	C NICU A/D	Core	Admit '	"DX"	Disp "DX"	Other	CCS	CARE	Set Col V	is ▼	Query (3)	Pendin	g Items	Res
ID	ф DOB ф	тов	⊕ BV	v	GA ≑	Mult	Adm Dt	♦ Adn		Birth Loc	\$	Ref Loc	♦ Tr	Ac s In	Dsch Dt	LOS	\$	Trs Loc		Trs ut F	CPQCC Record ID	⇔ Up	dated
20240006	01-02-2024		3,	385	39/3	S	01-03-202	4 05	18					(01-10-2024	8						01-3	1-25 14:
20240009	01-03-2024		2,	546	37/6	2B	01-05-202	4 01:	52					(01-10-2024	- 6						01-3	1-25 14:
20240018	01-05-2024		3,	136	40/5	S	01-05-202	4 10	58					(01-08-2024	. 4	,					01-3	1-25 14:
20240030	01-09-2024		1,	897	34/6	S	01-09-202	4 16	:15					(01-19-2024	1	1					01-3	1-25 14:
20240078	01-31-2024		3,	552	41/5	S	01-31-202	24 20	39					(02-03-2024	4	,					01-3	1-25 14:
20240110	02-12-2024		3,	511	41/2	S	02-12-202	4 17	30						02-14-2024	3						01-3	1-25 14:
20240128	02-19-2024		3,	547	40/3	S	02-19-202	4 06	40					(02-24-2024	6						01-3	1-25 14:
20240166	03-02-2024		5,	241	39/0	S	03-02-202	4 04	21					(03-20-2024	15	9					01-3	1-25 14:
20240168	03-03-2024		3,	512	40/3	S	03-03-202	4 02	05					(03-05-2024	3	1					01-3	1-25 14:
20240173	03-05-2024		3,	108	41/1	S	03-05-202	4 18	29					(03-07-2024	3	1					01-3	1-25 14:
20240178	03-06-2024		4,	299	39/4	S	03-06-202	4 01:	43					(03-09-2024	4	,					01-3	1-25 14:
20240189	03-09-2024		3,	889	41/2	S	03-09-202	4 03	38					(03-13-2024	5						01-3	1-25 14:
20240191	03-10-2024		2,	372	40/0	S	03-10-202	4 11	15					(03-15-2024	6						01-3	1-25 14:
20240207	03-14-2024		3,	418	41/0	S	03-15-202	4 00	01					(03-17-2024	3						01-3	1-25 14:
20240226	03-23-2024		2,	787	35/4	S	03-23-202	4 09	46					(03-27-2024	5						01-3	1-25 14:
20240234	03-26-2024		2,	563	34/3	S	03-26-202	4 02	40					(04-06-2024	1.	2					01-3	1-25 14:



All NICU Admits Database - CCS Form Connection

NICU ID: 0000 2025 CCS NICU Status: Regional Section A Section B Section C Section D Section E Section F QI Prj 1 A. Hospital Births and Deaths of Infants Born in 2025 by Birth Weight 751-1,000 1.001-1500 1,501-2500 < 401 grams | 401-500 grams | 501-750 grams | > 2500 grams Infants Born Between 1/1/2025 and 12/31/2025 Total grams grams grams Total Live Births by Birth Weight in your center from 1/1/2025 to 0 0 0 0 0 0 0 0 12/31/2025 Should be ... compared to your NICU Data submissions ≥2 = 0= 0= 2 = 0= 0≥0 ≥0 Total Deaths of Infants Admitted to Your NICU (or under the care of your NICU staff regardless of the location in your hospital) 0 0 0 0 0 0 0 0 This row will be updated based on your entries for the number of deaths prior and post 28 days. NICU Deaths Prior to and Including the 28th Day of Life (*) (Not 0 0 0 0 0 0 0 0 Stillborn, Non-Delivery Room Deaths) Should be ... compared to your NICU Data submissions = 0= 0= 0= 0= 0= 0= 0≥ 0 NICU Deaths after the 28th Day of Life (**) (Not Stillborn, Non-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 **Delivery Room Deaths** 0 0 0 0 0 0 0 0 = 0= 0= 0= 0= 0 ≥1 Should be ... compared to your NICU Data submissions = 0= 1

Check for Errors

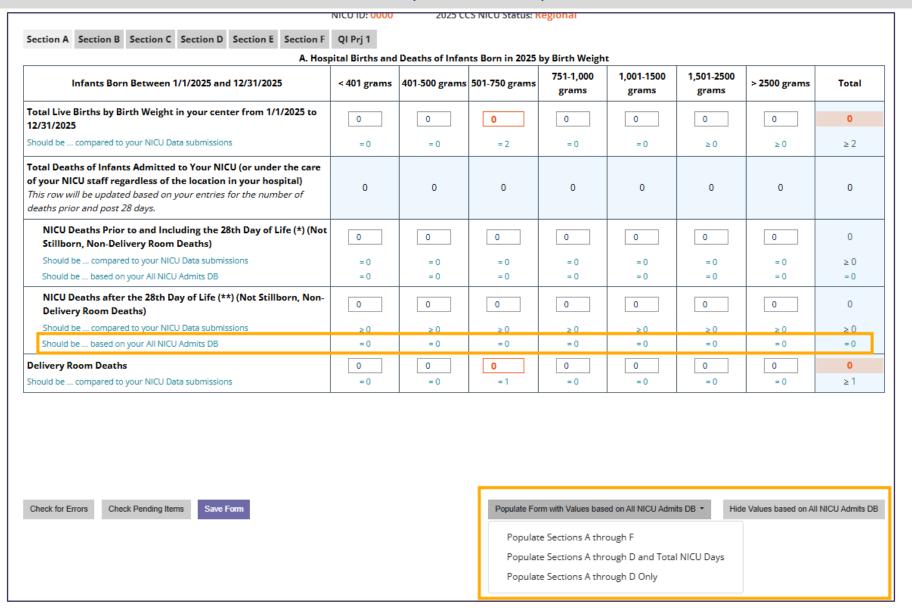
Check Pending Items

Save Form

Show Values based on All NICU Admits DB



All NICU Admits Database (ANAD) - CCS Form Connection





All NICU Admits Database (ANAD) – CCS Form Connection

NICU ID: 0000

2025 CCS NICU Status: Regional

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

A. Hospital Births and Deaths of Infants Born in 2025 by Birth Weight

Infants Born Between 1/1/2025 and 12/31/2025	< 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 1/1/2025 to 12/31/2025	0	0	0	0	0	0	0	0
Should be compared to your NICU Data submissions	= 0	= 0	= 2	= 0	= 0	≥0	≥ 0	≥ 2
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)	0	0	0	0	0	0	0	0
Should be compared to your NICU Data submissions	= 0	= 0	= 0	= 0	= 0	= 0	= 0	≥ 0
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)	0	0	0	0	0	0	0	0
Should be compared to your NICU Data submissions	≥0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
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 = 1	0 = 0	0 = 0	0 = 0	0 = 0	0 ≥1

Check for Errors

Check Pending Items

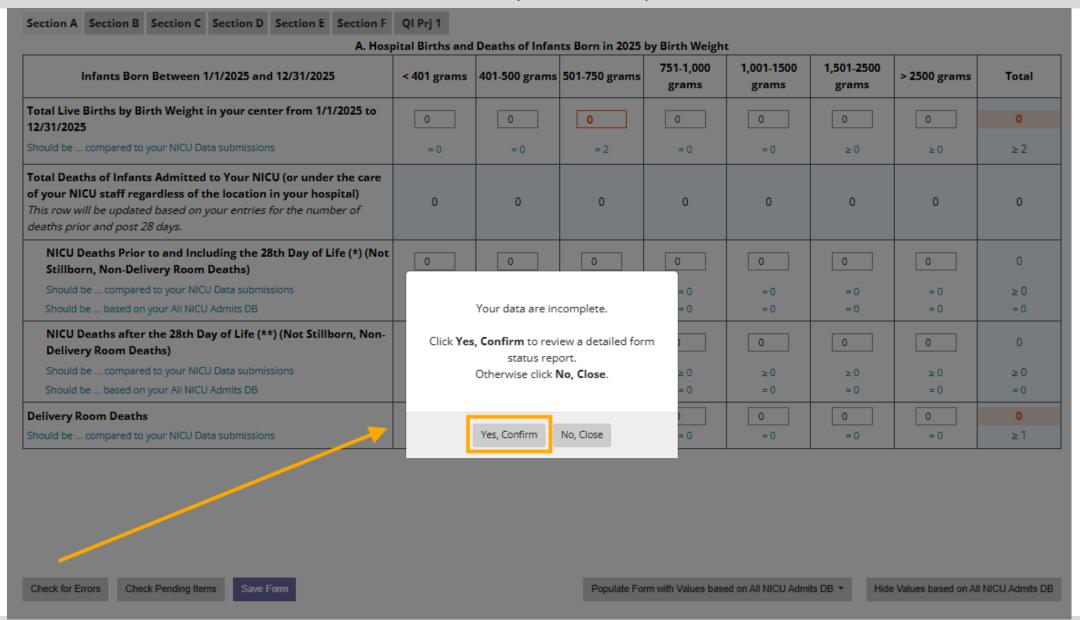
Save Form

Restore Form to Values prior to All NICU Admits DB

Hide Values based on All NICU Admits DB

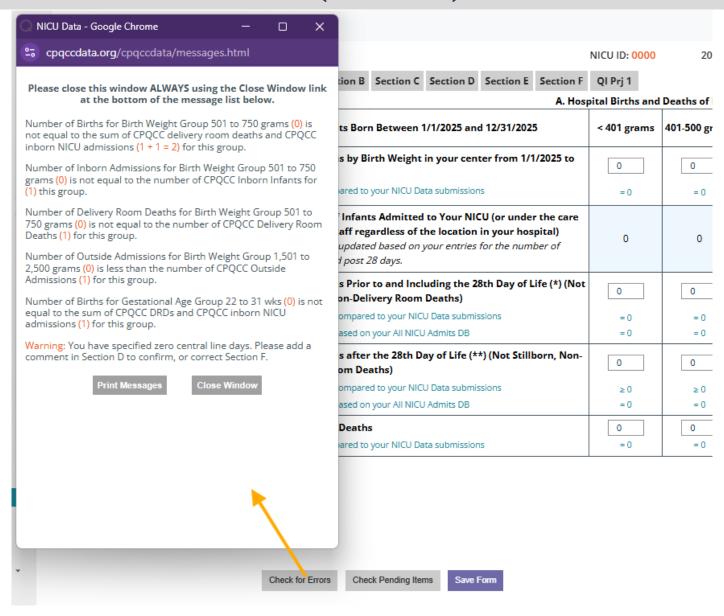


All NICU Admits Database (ANAD) – CCS Form Connection



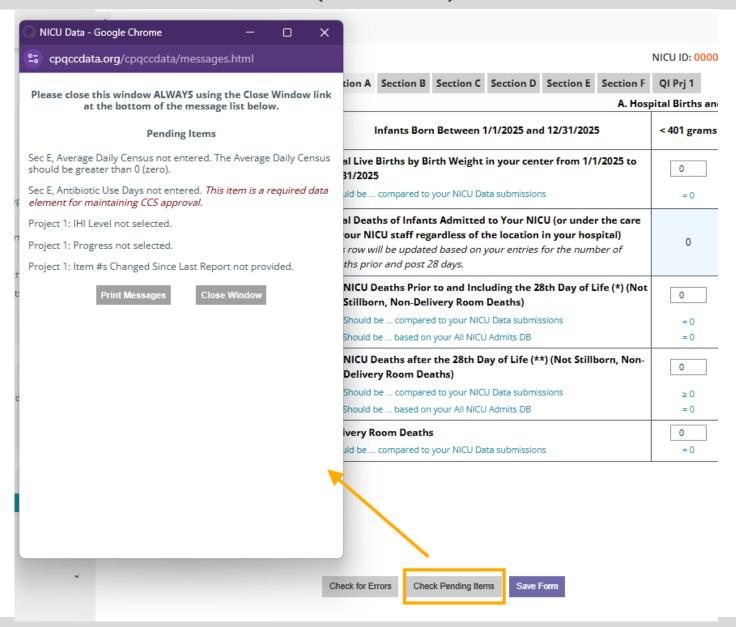


All NICU Admits Database (ANAD) - CCS Form Connection





All NICU Admits Database (ANAD) - CCS Form Connection







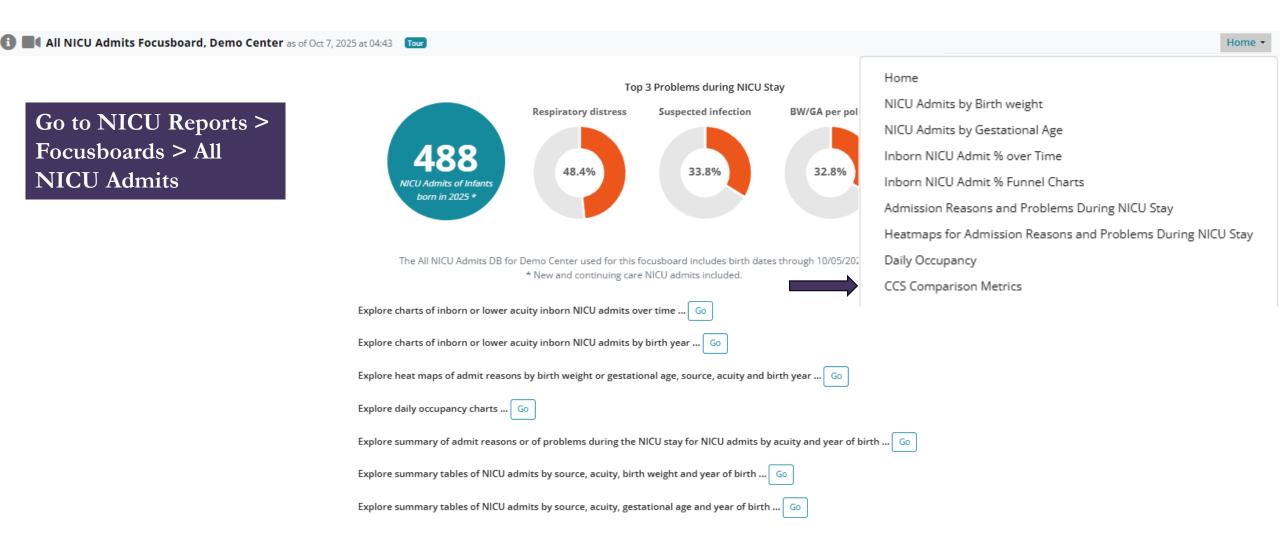
CCS Comparison Metrics – LAINA Data

What is it?

- A comparison table that provides data and comparisons on metrics developed, reviewed, and analyzed by CCS annually.
- This data is based on the data you've entered in both the CCS report and the All NICU Admits Database and is mainly based on the Lower Acuity Inborn NICU Admissions (LAINA).



CCS Comparison Metrics – LAINA Data





CCS Comparison Metrics – LAINA Data

All CCS NICUs ≠ All LAINA + 2024 -Show all rows ▼ All CCS NICUs NICU Metric Unless stated otherwise, percent shown relative to all LAINA Percent Numerator Denominator Median Lower Quartile Upper Quartile Lower Decile Upper Decile Lower Fence Upper Fence LAINA relative to all NICU admits NICU days for LAINA relative to all NICU days LAINA with admit reason Apnea/cyanotic event LAINA with admit reason BW/GA per policy LAINA with admit reason Cardiac event LAINA with admit reason Dysmorphic/chromosomal anomaly LAINA with admit reason Feeding difficulties LAINA with admit reason Hyperbilirubinemia LAINA with admit reason Hypoglycemia LAINA with admit reason Neonatal abstinence syndrome, exposure to drugs/alcohol LAINA with admit reason Neurological/seizure LAINA with admit reason Perinatal transitional monitoring LAINA with admit reason Respiratory distress LAINA with admit reason Small for gestational age LAINA with admit reason Suspected infection LAINA with admit reason Temperature instability LAINA with admit reason Other LAINA with discharge DX Apnea/cyanotic event



NICU Database Reporting

Jessica Liu, CPQCC Biostatistician



All NICU Admits Focusboard

All NICU Admits Database (ANAD):

- Allows tracking of ALL NICU admissions (admissions >28 days, lower acuity admissions)
- Track non-CPQCC eligible infants that affect NICU resource use
- Required for all CCS NICUs

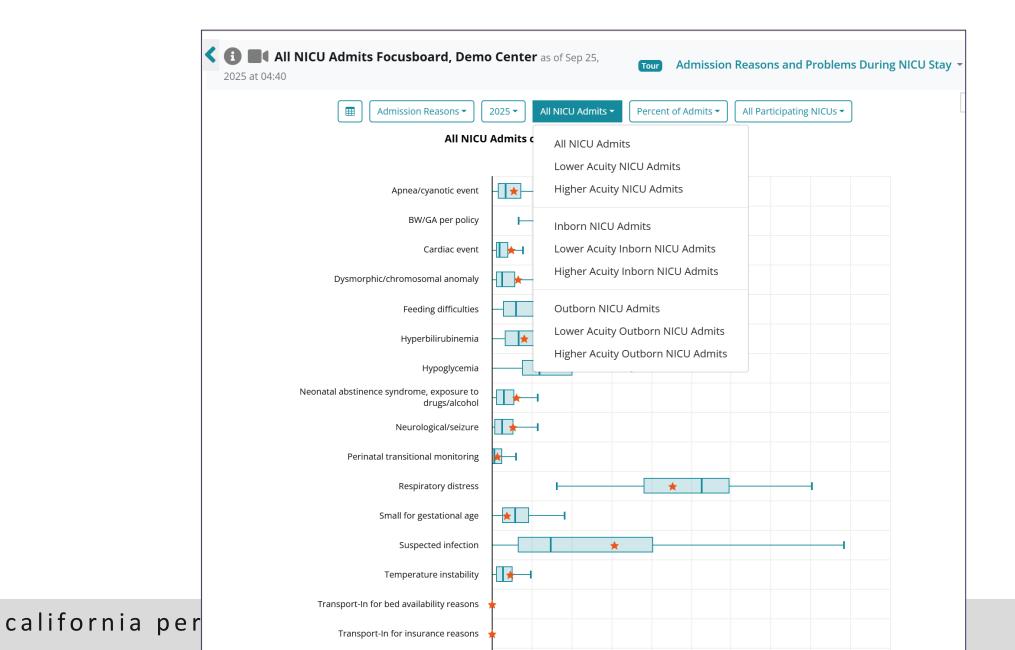


Click through tour available! All NICU Admits Focusboard, Demo Center as of Sep 25, 2025 at 04:40 Quick summary of top 3 entered problems Top 3 Problems during NICU Stay during NICU stay Suspected infection **Respiratory distress** BW/GA per policy Detailed information on the focusboard and what is contained within 47.8% 33.5% 32.9% NICU Admits of Infants born in 2025 * The All NICU Admits DB for Demo Center used for this focusboard includes birth dates through 09/23/2025. * New and continuing care NICU admits included. Explore charts of inborn or lower acuity inborn NICU admits over time ... Explore charts of inborn or lower acuity inborn NICU admits by birth year ... Go Explore heat maps of admit reasons by birth weight or gestational age, source, acuity and birth year ... Explore daily occupancy charts ... Explore summary of admit reasons or of problems during the NICU stay for NICU admits by acuity and year of birth Explore summary tables of NICU admits by source, acuity, birth weight and year of birth ... Explore summary tables of NICU admits by source, acuity, gestational age and year of birth ... Go california p

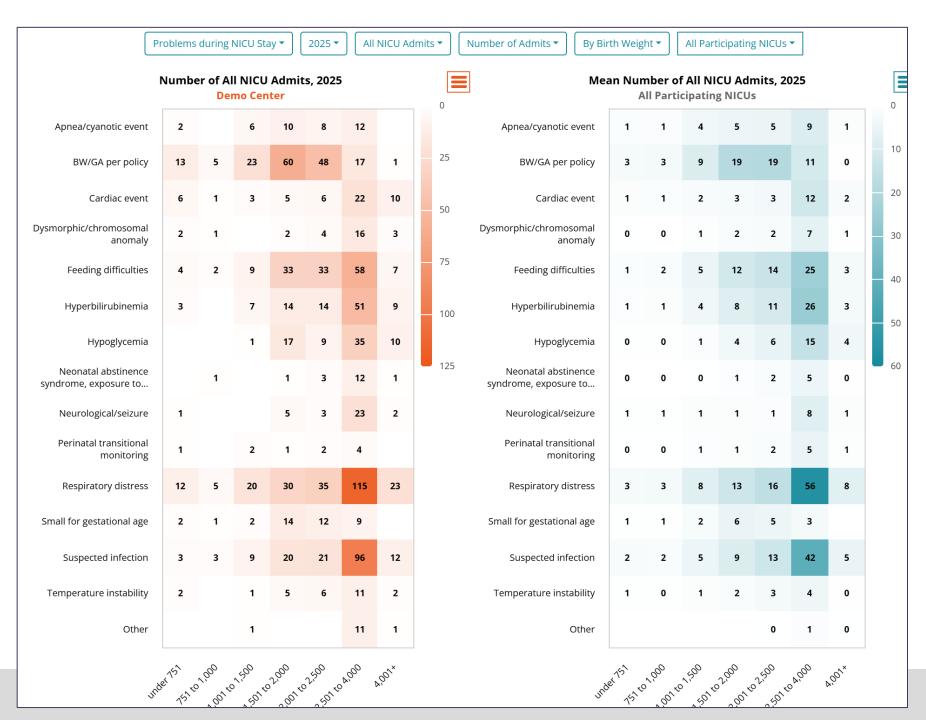
All NICU Admits Focusboard



All NICU Admits Focusboard



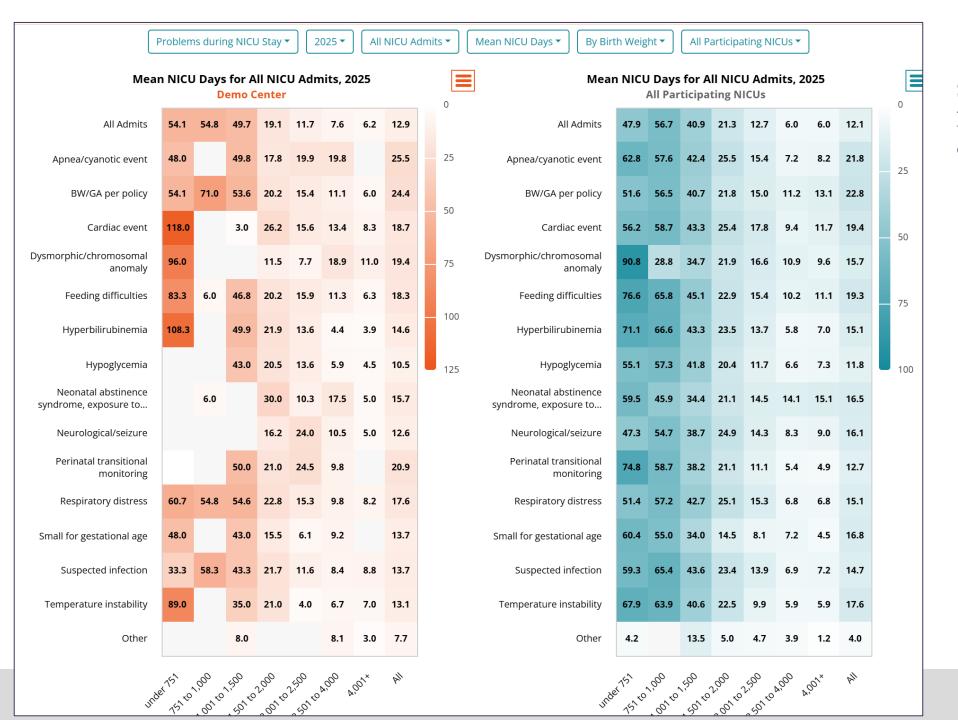




VISUAL heatmap of admission reasons or problems during NICU stay

- Bottom axis can be shown by BW, GA
- Population can be ALL NICU admits, lower acuity, higher acuity, inborn/outborn
- Can show number of admits, mean NICU days, total NICU days, to visualize resource usage





Showing MEAN NICU DAYS rather than number of admits



NICU Reports Review

Login to cpqccreport.org to follow along!

LIVE DEMO!

- Data Dashboard <u>CPQCC Network</u> trends
- All NICU Admits (ANAD) Focusboard <u>Demo Center</u>
- Baby Monitor <u>Demo Center</u>

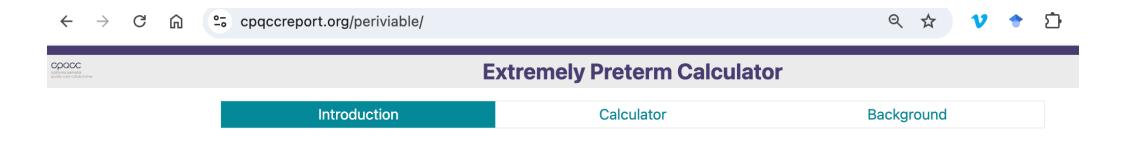


Periviable Gestation Prognosis Estimator

Dr. Henry C. Lee, University of California San Diego Chair – DIOC, CPQCC



Periviable Gestation Prognosis Estimator



Extremely preterm (periviable) infants are extremely susceptible to mortality or survival with major morbidity without extensive intervention; however, some extremely preterm infants would not significantly benefit from treatments, which could instead cause significant deterioration to death or potential survival with severe morbidity. At the same time, deciding not to resuscitate when chances of survival are good is undesirable. Survival without major morbidity is defined as the absence of death during birth hospitalization, chronic lung disease, severe peri-intraventricular hemorrhage, nosocomial infection, necrotizing enterocolitis, severe retinopathy of prematurity or related surgery, and cystic periventricular leukomalacia. Health care team and families usually have to make a decision based on the best available information at the time. However, the most accurate individualized prognostic prediction may not be readily available. This tool primarily focuses on only using the most available and parsimonious information to quantify the association between risk factors and infant outcome for families and physicians' consultation.

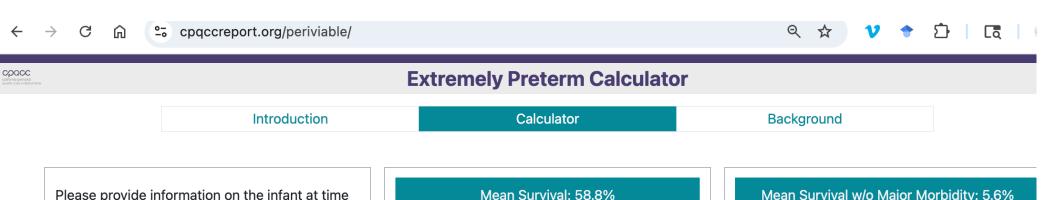
Disclaimer: This tool is not intended to be the only basis for making decisions on care for an extremely preterm infant. This tool does not intend to be a definitive prediction tool for infant outcomes. Physicians and families need to understand there are many factors beyond this tool could affect the outcomes of an infant.



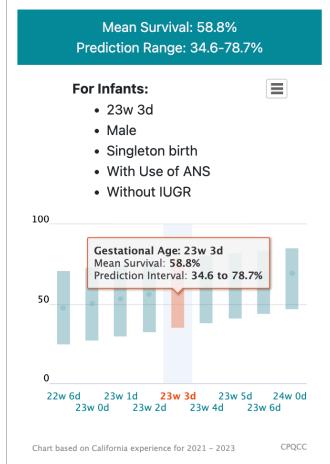
Periviable Gestation Prognosis Estimator

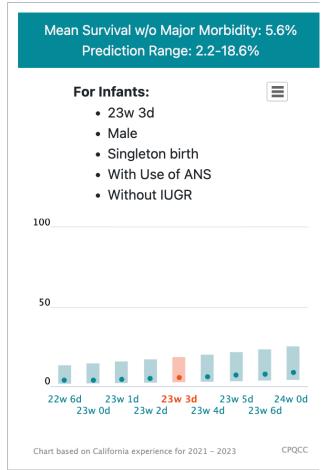
- To participate and receive individual center-based estimates, please contact:
 - Email: Kristen Schaffer <u>keschaffer@health.ucsd.edu</u> (or <u>henrylee@health.ucsd.edu</u>)





Please provide information on the infant at time of birth. ○ Female ● Male ☐ Multiple Pregnancy ☐ Intrauterine Growth Restriction (IUGR) Antenatal Steroids Gestational Age (Weeks / Days) O 22 O 0 23 \circ 1 \circ 2 O 25 3 \bigcirc 4 \bigcirc 5 \circ 6 Calculate







Q&A Session



Closing

Recording and Webinar Evaluation

ATTENTION!

At the end of this webinar please click the evaluation link provided to submit your evaluation for this data trainings.

Note: CEU's will be accumulated and distributed after all data training sessions have been completed (for live sessions only)

The webinar recording and slides will also be posted at: https://cpqcc.org/engage/annual-data-training-webinars-2025



Upcoming Data Trainings

October 22nd – What's New with HRIF Data

What's New with HRIF Data

Wednesday, October 22, 2025



THANK YOU!



CPQCC california perinatal quality care collaborative