

# Perinatal Quality Collaborative Vermont

## Birth Certificate Quality Improvement Initiative

Learning Series Call #4

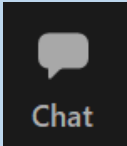
November 4, 2024

12:00-1:00PM

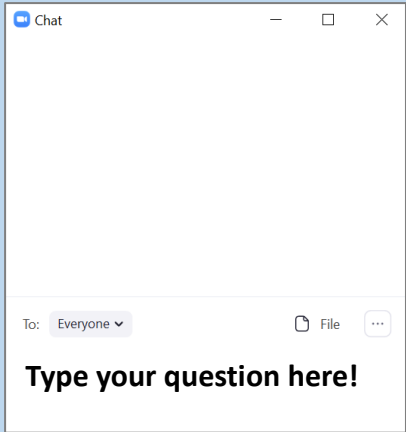


# Housekeeping

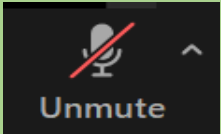
## Chat



Use the *Chat* box to ask a question.

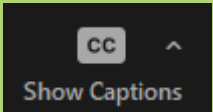


## Microphone



You will be muted when you join. If you wish to verbally ask your question during the Q&A portion of the presentation, please unmute your microphone.

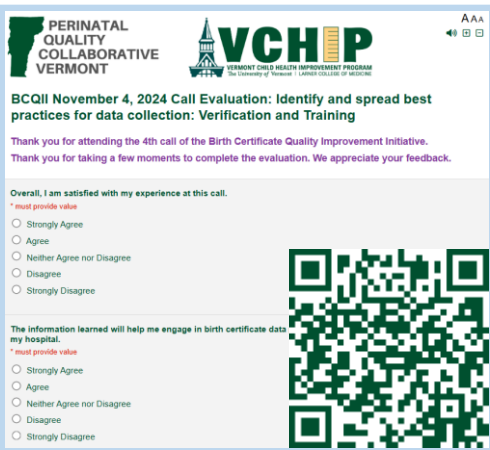
## Captioning



Click *Show Captions* from your navigation bar to view automated captions.

## Evaluation

Before leaving the event, please complete the evaluation by copying and pasting the link provided in the *Chat* into a browser or scan the QR code Thank you!



# Agenda

- Welcome
- Voluntary Acknowledgement of Parentage Form (VAP)
- Highlights from Quarterly Birth Reports
- Baseline Data Spotlight
- Breakout Sessions
- Next Steps

# Voluntary Acknowledgement of Parentage Form

- A voluntary acknowledgment of parentage (VAP) form is required to add an unmarried second parent to a birth certificate. Can be completed and submitted to Dept. of Health at any time.
- Process:
  - Hospital collects VAP from parents and sends to Vital Records at Dept. of Health; OR hospital gives VAP to parents to send to Vital Records directly.
  - If hospital has a VAP, Birth registrar in hospital enters VAP = Yes in EBRs but does not enter the second parent's information.
  - Vital Records *processes* VAPs within 1-2 days of receipt. If form is complete second parent info entered in EBRs. If not complete, form is returned to parents.

# Quarterly Birth Report



## Quarterly Birth Report

Page 1 of 2

Report Date 8/2/2024

This report is a summary from registered births that occurred in your hospital during the time period specified above. Selected indicators are highlighted to draw your attention to sudden shifts that may indicate data quality problems, and to show how deliveries at your hospital compare to statewide totals. If you discover discrepancies between this report and your own records, please contact Cindy Hooley at [Cynthia.Hooley@vermont.gov](mailto:Cynthia.Hooley@vermont.gov) or 802-651-1636. Please notify us of any recipient changes (additions, deletions, corrections) for the email distribution of this report.

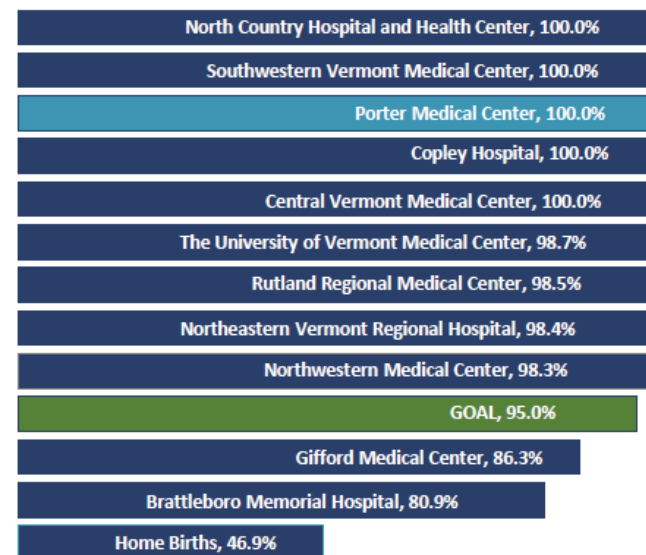
	Your Hospital		State	
	Count	Percent	Count	Percent
Total Births	75		1235	
Vaginal Deliveries: Spontaneous	56	74.7%	856	69.3%
Vaginal Deliveries: Forceps	0	0.0%	3	0.2%
Vaginal Deliveries: Vacuum	2	2.7%	37	3.0%
Vaginal Birth After C-Section	2	2.7%	27	2.2%
Total C-Section	17	22.7%	339	27.5%
Primary C-Section	9	12.0%	211	17.1%
Repeat C-Section	8	10.7%	128	10.4%
Received First Trimester Prenatal Care	69	92.0%	1080	87.5%
Received Adequate Prenatal Care <sup>(1)</sup>	67	89.3%	1072	86.8%
Smoking During Pregnancy	7	9.3%	58	4.7%
Smokers who Quit before 4th Month	3	4.0%	19	1.5%
Mother's Body Mass Index $\geq$ 25	52	69.3%	711	57.6%
Inadequate Weight Gain <sup>(2)</sup>	19	25.3%	241	19.5%
Excessive Weight Gain <sup>(2)</sup>	37	49.3%	554	44.9%
Infant Being Breastfed	60	80.0%	1107	89.6%
Gestation < 37 Weeks	0	0.0%	96	7.8%
Birthweight < 2500g	1	1.3%	90	7.3%
Birthweight < 1500g	0	0.0%	13	1.1%

<sup>(1)</sup> "Adequate" or "Intensive" based on the Adequacy of Prenatal Care Utilization Index developed by Milton Kotelchuck, PhD, MPH.

<sup>(2)</sup> Based on singleton, full term births only

## Timeliness of Birth Reporting

Percent of Births Reported  
within 5 Business Days





# Quarterly Birth Report

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## Quarterly Birth Report

Report Date 8/2/2024

Information from birth records is essential to better understand and improve the health of mothers and babies. UNKNOWN values limit the usefulness of birth data. The table below reflects items from the birth record that are often left unknown. For those items where the percentage of births in your hospital exceeds the tolerance for unknown values set by the CDC's National Center for Health Statistics, we will provide in a separate email a list of the records for your review and follow up for the missing information.

Records With Unknown Values			
Item	Count	Percent	National Tolerance
Mother's Prepregnancy Weight	0	0.00%	1.55%
Mother's Delivery Weight	0	0.00%	1.38%
Month of Last Other Pregnancy Outcome	10	13.33%	12.83%
Year of Last Other Pregnancy Outcome	5	6.67%	7.34%
Day of Last Normal Menses	5	6.67%	8.33%
Month of Last Normal Menses	5	6.67%	7.28%
Year of Last Normal Menses	5	6.67%	6.87%
Cigarette Smoking, Prepregnancy	3	4.00%	1.00%
Cigarette Smoking in 1st Trimester	3	4.00%	1.00%
Cigarette Smoking in 2nd Trimester	3	4.00%	1.00%
Cigarette Smoking in 3rd Trimester	3	4.00%	1.00%
Mother Received WIC Food	0	0.00%	1.43%
Mother's Race	0	0.00%	1.00%
Mother of Hispanic Origin	0	0.00%	1.00%

ITEMS ABOVE TOLERANCE

5

# Reminder: Best Hospital Strategies to Improve Birth Certificate Information

- ✓ Established a multidisciplinary team to review records and identify challenges in reporting birth certificate information
- ✓ Identified the best sources of information and specific locations in the records and developed instructions for HIM specialist on reporting this information
- ✓ Modified electronic medical records to capture information consistent with birth certificate items
- ✓ Adopted use of resources, such as the guide to encourage adherence to birth certificate definitions
- ✓ Trained clinical staff to consistently document information in specific locations in the medical records
- ✓ Identified experts in state vital records department for staff to contact with questions
- ✓ Trained hospital staff on all the new procedures

# Baseline Data Spotlight-Chart Reviews

## 5 Hospitals (so far) with Baseline Data

- Variables with closest match to Birth Certificate
  - Breastfeeding
  - Gestational Diabetes
  - Induction of Labor
  - Insurer: Medicaid
  - Insurer: Private



# Baseline Data Spotlight-Chart Reviews

## 5 Hospitals (so far) with Baseline Data

- Variables with most room for improvement
  - Premature Rupture of Membranes
  - Prepregnancy Hypertension
  - Prepregnancy Diabetes
  - Insurer: Other Payer
  - Insurer: Self Pay

# QI Office Hour on December 4 & January 8

December 4 and January 8 from 1-2 PM

- Learn about your hospital's data!
- See how well the chart is matching to Birth Certificates
- Identify specific strengths and areas of improvement for your team



# Revised Tip Sheet

- Additional details were added for clarity

[ADD YOUR HOSPITAL NAME]

➡ This is a template for you to complete with your team to easily retrieve birth certificate information available in your EHR. ⬅

Hospital Specific Tip Sheet to Completing the  
Birth Certificate Facility Worksheet

| Updated October 23, 2024 |

All definitions of variables being entered into the Electronic Birth Registration System (EBRS) are important. However, this guide focuses on 11 Vermont Birth Certificate Variables for the purpose of the BCQII review.

2024



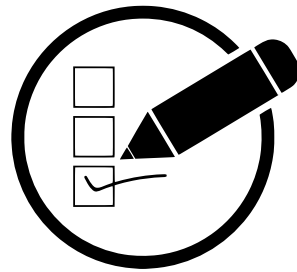
# Breakout Session

- Discuss in your groups:
  - What additional information and training do you and your team need?
  - What strategies are you going to use as a team to continue to improve birth certificate information at your hospitals?
  - What are your on the ground reactions to the list of strong accuracy variables and the variables that are more inaccurate? Does this track with your experience?
  - Regarding payer information, is this information hard to find in the chart? Is it left blank? Is it left to your interpretation?

# Large group debrief of the Breakout Session



# Next Steps



How can we support  
you moving forward?



# Thank you!

## Comments? Compliments? Questions?

Please take a few moments to complete the evaluation.

Thank you!



Scan QR code