



QI DATA TOOLS AND PROCESSES

# WELCOME!



Please mute yourself



If you have a question, please enter it in the chat or raise your hand (Reactions)



This webinar is being recorded

**AIM**

**QI Outcome Measures**

**By 6/2025, participating NICUs will achieve a 20% increase in:**

**Discharge readiness for NICU infants measured by:**

- a. Parental technical readiness checklist completion**
- b. Emotional readiness score by parent questionnaire**

**Completion of a discharge planning tool upon discharge home**

**\* Baseline will be established with the first quarter of hospital data**

**Vision:** Integrate family into a “Family Centered” discharge process that encompasses Dignity & Respect, Participation, Communication, and Information Sharing. The process begins on admission, empowering families to collaborate with the clinical interdisciplinary team throughout their baby’s transition from NICU admission to discharge home.

## Aim

### Primary Aim:

By June 2025, each participating NICU will achieve a 20 % increase in discharge readiness for NICU infants as measured by

- Parental technical readiness checklist
- Emotional readiness score by survey

### Secondary Aim:

By June 2025, each participating NICU will achieve a 20% increase in the completion of a discharge planning tool upon discharge home



## Primary Key Drivers

Family Engagement & Preparedness

Health Related Social Needs

Transfer and Coordination of Care

*Family-centered care is a universal component of every driver & activity*

# Data type and frequency of reporting



## Patient-level data

- **Aggregate SDOH data**
- **Patient demographics and SDOH**
- **Discharge Preparedness and Emotional Readiness Assessment**

## Hospital-level data

- **Staff training**
- **Standardized documentation**
- **Policies and guidelines to support Homeward Bound**

# DEMOGRAPHICS

PATIENT DEMOGRAPHICS		
<b>Discharge month</b> _____ <b>Discharge year</b> _____	<b>Saturday/Sunday/ Holiday discharge</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Length of stay</b> _____ <b>days</b> <small>(count if patient was in bed at midnight)</small>
<b>Primary caregiver preferred language</b> <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Creole <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	<b>Primary caregiver race (check all that apply)</b> <input type="checkbox"/> Asian <input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	<b>Primary caregiver ethnicity</b> <input type="checkbox"/> Hispanic <input type="checkbox"/> Non-Hispanic <input type="checkbox"/> Unknown
<b>Gestational age at birth</b> <small>(complete weeks only)</small> _____	<b>Type of insurance</b> <input type="checkbox"/> Medicaid/Medicaid plans <input type="checkbox"/> Private <input type="checkbox"/> Self-pay <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	<b>Inborn:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Birth weight</b> <small>(grams)</small> _____		

- Inform case composition and track population change overtime
- Disaggregate measures to identify differences between population groups

# Discharge Preparedness

DISCHARGE PREPAREDNESS				
<p><b>Check all that was documented in the patient's chart:</b></p>	<input type="checkbox"/> Complete technical readiness checklist <input type="checkbox"/> Complete discharge planning tool <input type="checkbox"/> Call to pediatrician/PCP (clinical-to-clinical hand-off) <input type="checkbox"/> Follow-up phone call within 3 days after discharge <input type="checkbox"/> None			
<p><b>Primary caregiver received the document(s) <u>and</u> verbal education on (check all that apply):</b></p>	<input type="checkbox"/> Patient Specific Care Plan <input type="checkbox"/> Discharge summary <input type="checkbox"/> None			
<b>Appointments <u>prior to discharge</u>:</b>	<b>Scheduled</b>	<b>Not scheduled</b>	<b>Pt. declined</b>	<b>Not applicable</b>
PCP appointment within 3 days of DC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specialty appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Therapy (OT, ST, PT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Healthy Start	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Early Steps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medicaid Managed Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Discharge Preparedness

Check all that was documented in the patient's chart:

- Complete technical readiness checklist
- Complete discharge planning tool
- Call to pediatrician/PCP (clinician-to-clinician hand-off)
- Follow-up phone call within 3 days after discharge
- None

- Tools available in [www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)



# Technical readiness checklist

## Table 1 Discharge education.

From: [NICU discharge preparation and transition planning: guidelines and recommendations](#)

DISCHARGE EDUCATION RECOMMENDATION	SUPPORTING REFERENCES
DISCHARGE EDUCATION CONTENT	
Communicate to the family the skills that need to be mastered prior to discharge and the expected timing of discharge.	[1, 2, 7, 14, 16-21]
Families need to have demonstrated appropriate technical infant care skills and knowledge prior to discharge. Common infant care topics that families need to understand prior to discharge include the following:	
	[1-4, 6, 8, 14, 16, 22-24]
<ul style="list-style-type: none"><li>• How they will safely feed their baby.<ul style="list-style-type: none"><li>◦ How to support feeding at the breast and using a bottle.</li><li>◦ How to mix formula or increase calories in breast milk as indicated.</li><li>◦ How to pump and store breast milk.</li></ul></li><li>• How to bathe their baby.</li><li>• How to dress their baby for the weather and for sleep.</li></ul>	

# Complete technical readiness checklist

## NICU Discharge Planning Worksheet for the Bedside Provider

**Table 1 Discharge education.**

From: [NICU discharge preparation and transition planning: guidelines and recommendations](#)

- How they will safely feed their baby.
  - How to support feeding at the breast and using a bottle.
  - How to mix formula or increase calories in breast milk as indicated.
  - How to pump and store breast milk.

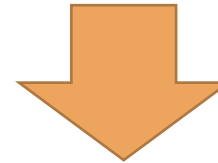
<b>During discharge meeting</b>	Date	Completed by (initials)			
Discharge meeting held					
Family given discharge packet					
Family obtained a car seat					
Family offered CPR class/video instruction					
Family received "Shaken Baby" brochure					
Pediatrician/PCP chosen					
<b>No later than 1 week prior to anticipated discharge</b>	Date	Completed by (initials)	Teach back date	Family declined	Comments
<b>Provide Discharge Teaching on:</b>					
Feeding /Nutrition guidelines					
Bowel and bladder patterns					
Bathing, skin care, cord care					
Temperature taking					
Circumcision care if needed					
Protection from infection					
Medication administration					

# Complete technical readiness checklist

## NICU Discharge Planning Worksheet for the Bedside Provider

During discharge meeting	Date	Completed by (initials)			
Discharge meeting held					
Family given discharge packet					
Family obtained a car seat					
Family offered CPR class/video instruction					
Family received "Shaken Baby" brochure					
Pediatrician/PCP chosen					
No later than 1 week prior to anticipated discharge	Date	Completed by (initials)	Teach back date	Family declined	Comments
<b>Provide Discharge Teaching on:</b>					
Feeding /Nutrition guidelines					
Bowel and bladder patterns					
Bathing, skin care, cord care					
Temperature taking					
Circumcision care if needed					
Protection from infection					
Medication administration					

Date when demonstration of skill/teach back needs to be documented



# Discharge Preparedness

Check all that was documented in the patient's chart:

- Complete technical readiness checklist
- Complete discharge planning tool
- Call to pediatrician/PCP (clinician-to-clinician hand-off)
- Follow-up phone call within 3 days after discharge
- None

- Tools available in [www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)

# Complete Discharge Planning Tool



## DISCHARGE ROADMAP FOR FAMILIES



### ADMISSION

- NICU unit orientation
- Review admission information
- I do skin to skin (Kangaroo Care) with my baby when able
- I know my baby's feeding plan (brought in bottles and nipples to be used at home when ready)
- I received education and/or watched videos about:
  - Safe Sleep and SIDS
  - Shaken Baby Syndrome
  - Car seat safety
  - Newborn State Screen
  - Hearing Screens
  - Vaccinations
  - Infant CPR
  - Hand washing
  - Secondary smoke exposure
- I visited the recommended websites/apps:
  - ❖ [Healthychildren.org](http://Healthychildren.org)
  - ❖ [Babystepstohome.com](http://Babystepstohome.com)
  - ❖ [Handtohold.org](http://Handtohold.org)
  - ❖ My NICU Baby® App

Name Sticker

### DURING NICU STAY

- Discharge meeting with the team around the 34-week mark
- Choose a pediatrician and call the office to sign up and check insurance coverage
- I am confident caring for my baby
- Ask the nurse if my baby has had:
  - Vaccines such as Hep B or Synagis® (sign consents for vaccines)
  - Newborn State Screen
  - Heart disease screen (CCHD)
  - Hearing screen
  - Car seat test (if needed)
- Plans for my baby boy to be circumcised if desired
- I received medication teaching and filled the prescriptions
- Sign up for and attend CPR/discharge class if offered
- We are practicing safe sleep
- Get trained on any special equipment such as oxygen, monitor, feeding pump
- I installed the appropriate car seat
- I stayed overnight if needed
- I prepared my home (infant bed, diapers, feeding supplies, etc.)

### DISCHARGE

- My Baby is:
- Maintaining temperature in a crib
  - Feeding well
  - Gaining weight
  - Free from apnea and bradycardia
  - Practicing safe sleep
- I have all the appointments my baby needs
- Pediatrician, subspecialists, and therapists
  - Early Intervention
  - Visiting Nurse
  - Audiology
  - Follow-up Clinic
  - CHILD Clinic
  - WIC
- Questions or concerns I still have about my baby have been addressed
- I know my baby's feeding plan (amount, frequency, formula mixing)
- All equipment and supplies were delivered to my house
- I feel well prepared and confident taking my baby home
- I know when to seek medical advice from the pediatrician or call 911
- I have an Emergency Contact list available at home
- The best time and contact number for follow-up phone call: \_\_\_\_\_

- Tools available in [www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)



# Discharge Preparedness

Check all that was documented in the patient's chart:

- Complete technical readiness checklist
- Complete discharge planning tool
- Call to pediatrician/PCP (clinician-to-clinician hand-off)
- Follow-up phone call within 3 days after discharge
- None

- Tools available in [www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)

# Discharge Preparedness

Primary caregiver received the document(s) and verbal education on (check all that apply):

- Patient Specific Care Plan
- Discharge summary
- None

Word template available in  
[www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)



## Patient-Specific Care Plan Elements

1. Identification and preparation of the in-home caregivers
2. Formulation of a plan for nutritional care and administration of any required medications
3. Development of a list of required equipment and supplies and accessible sources
4. Identification and mobilization of the primary care physician, on-going specialty care physicians, and necessary and qualified home-care personnel and community support services
5. Dates of scheduled follow-up appointments
6. Assessment of the adequacy of the physical facilities within the home
7. Development of an emergency care and transport plan
8. Assessment of available financial resources to ensure the capability of caregivers to finance home-care costs and transportation to appointments



Florida Perinatal  
Quality Collaborative

[FPQC.org/homeward-bound](http://FPQC.org/homeward-bound)

# Discharge Preparedness

Primary caregiver received the document(s) and verbal education on (check all that apply):

- Patient Specific Care Plan
- Discharge summary
- None

Word template available in  
[www.fpqc.org/homeward-bound-toolbox](http://www.fpqc.org/homeward-bound-toolbox)



## Recommendations for NICU Discharge Summary



### Discharge Summary Elements

- Infant's name in the hospital (and after discharge, if different)
- Admission indication, birthweight, head circumference, length and gestational age
- Maternal history including prenatal labs
- Discharge diagnoses
- Hospital course written by systems
- Physical exam at discharge including head circumference, length and weight percentiles
- Discharge physical exam findings (highlight any abnormal findings)
- Discharge medications and administration instructions
- Home feeding plan (breast milk fortification, formula type, recommended nipple, frequency and volume)
- Newborn hearing screen results and any follow up screening needed
- Newborn screening dates and abnormal results
- Car seat challenge results
- Immunizations administered and immunizations recommended that were not given
- Pending lab or test results that need follow up
- Prognosis (if guarded)
- If indicated, medical equipment needs
- Any known pertinent social, family, or medical history
- Community service referrals made or recommended and any counseling opportunities available to the family
- Any tasks to be completed (follow-up appointments or tests not yet scheduled)
- Interpreter or communication needs
- Any referrals to resources for specific diagnoses
- Community resources (counseling, mental health, substance dependency, visiting nurses, financial resources, etc.)

### General Recommendations

- Discharge summary should be formatted from a structured template with section headings
- Discharge summary should be translated into the family's preferred language when possible
- Families should be provided with copies of the discharge summary and directions on how to get an official copy of the medical record, if interested
- Provide at least two copies of the discharge summary (one for the medical home and one for the family to share with home visiting or emergency services)
- Provide specialists with copies of the discharge summary directly or provide the family with copies to give to specialists



# Social Determinants of Health (SDOH)

<b>Primary caregiver SDOH screening was:</b>	<input type="checkbox"/> Positive	<input type="checkbox"/> Declined
	<input type="checkbox"/> Negative	<input type="checkbox"/> Not documented
<b>↪ Primary caregiver screened positive for (check all that apply):</b>	<input type="checkbox"/> Food insecurity	<input type="checkbox"/> Housing instability
	<input type="checkbox"/> Utility needs	<input type="checkbox"/> Transportation needs
	<input type="checkbox"/> Feeling unsafe at home/IPV	
	<input type="checkbox"/> Other _____	
<b>↪ Action plan for positive SDOH screening prior to discharge included (check all that apply):</b>	<input type="checkbox"/> Social work consult completed	<input type="checkbox"/> None
	<input type="checkbox"/> Further assessment completed	
	<input type="checkbox"/> Appropriate resources provided	
	<input type="checkbox"/> Appropriate referrals arranged	

## CMS required reporting timeline:

- Collection period: January 1, 2024 – December 31, 2024
- Submission deadline: May 15, 2025

# Social Determinants of Health (SDOH)

Primary caregiver SDOH screening was:

- Positive
- Negative
- Declined
- Not documented

↘ Primary caregiver screened positive for (check all that apply):

- Food insecurity
- Utility needs
- Feeling unsafe at home/IPV
- Other \_\_\_\_\_
- Housing instability
- Transportation needs

↘ Action plan for positive SDOH screening prior to discharge included (check all that apply):

- Social work consult completed
- Further assessment completed
- Appropriate resources provided
- Appropriate referrals arranged
- None

**Further Assessment Completed:** evaluation to assess the extent of adverse SDOH (social worker, case manager, patient navigator)

**Appropriate Resources Provided:** resources provided during the stay (e.g. Food Voucher, transportation assistance, etc.)

**Appropriate Referrals Provided:** referrals are arranged for the discharge process (e.g. WIC, Healthy Start, Early Start)

# Discharge Preparedness


<b>Appointments <u>prior to discharge</u>:</b>	<b>Scheduled</b>	<b>Not scheduled</b>	<b>Pt. declined</b>	<b>Not applicable</b>
PCP appointment within 3 days of DC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specialty appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Therapy (OT, ST, PT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Healthy Start	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Early Steps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medicaid Managed Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Patient-specific based on unit criteria

# Emotional Readiness Assessment

## EMOTIONAL READINESS ASSESSMENT

Completed     Not completed/not documented     Patient declined

 <b>Primary caregiver was:</b>	<b>Not at all</b>	<b>Somewhat</b>	<b>Very</b>
Confident their infant's heart rate and breathing were safe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confident that their infant was developing and growing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ready for their infant to come home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Bedside nurse will ask 3 questions to the primary caregiver the day of discharge**

# Emotional Readiness Assessment

## NICU Discharge Planning Worksheet for the Bedside Provider

Day of discharge	Date	Completed by (Initials)
Bedside staff conducted the emotional readiness assessment below~		
<b>Ask the primary caregiver to rate the following statements:</b>		
I feel confident that my infant's heart rate and breathing are safe	<input type="checkbox"/> Not at all confident <input type="checkbox"/> Somewhat confident <input type="checkbox"/> Very confident	
I feel confident that my infant is developing and growing now	<input type="checkbox"/> Not at all confident <input type="checkbox"/> Somewhat confident <input type="checkbox"/> Very confident	
I am ready for my infant to come home	<input type="checkbox"/> Not at all ready <input type="checkbox"/> Somewhat ready <input type="checkbox"/> Very ready	

**Document** the answers provided by the primary caregiver the **first** time the **assessment** is conducted

# Submitting data to FPQC

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# INCLUSION AND EXCLUSION CRITERIA

## Include (qualifying infants):

NICU admissions with **minimal 2-day stay** who are **discharged home**

## Exclude:

Infants who die or are discharged to other hospitals for escalation of care

# REPORTING

**Report up to 5 infants for each birth weight category:**

- 2500 grams and above
- 2499-1500 grams
- 1499-750 grams
- less than 750 grams

**up to 20 eligible patients total each month**

At the beginning of the initiative, your hospital has the option to opt out of reporting information on smaller birth weight categories if the number of infants in a specific category is consistently less than 5 per quarter.



# Sampling: Selection Process

**If a category has more than 10 discharges in the month, report:**

- The **first discharge on each weekday** for the **first four weeks**, and
- The **first weekend discharge** for the month, totaling 5 infants

e.g. Hospital X has 17 deliveries with a birth weight of 1500-2499. Reporting will include the first discharge on a weekday in the first, second, third and fourth week, as well as the first weekend discharge

**If a category has less than 10 discharges in the month, report:**

- The first 5 discharges or as many as you have

# STUDY ID

<b>STUDY ID # _____</b> (start with 001 and number sequentially until the end of the initiative)		
<b>PATIENT DEMOGRAPHICS</b>		
Discharge month _____ Discharge year _____	Saturday/Sunday/ Holiday discharge <input type="checkbox"/> Yes <input type="checkbox"/> No	Length of stay _____ days (count if patient was in bed at midnight)

- Assign Study ID # 001 to the first patient whose data will be submitted to FPQC
- Number consecutively all patients submitted to FPQC throughout the initiative

# KEEP TRACK OF YOUR CASES

Please keep a [log](#) of the patients whose data is submitted to FPQC.

Hospital Name: \_\_\_\_\_

Medical Record #	Study ID #	Survey Return Code	Data lead name

# PROCESS TO COLLECT AND SUBMIT YOUR DATA

1

## Identify Cases


Number of discharges/month

If category has 10 or more : 5 systematically selected infants

If less than 10 discharges: First 5 infants

2

## Abstract medical record

 **HOMeward BOUND INITIATIVE**

Complete for up to 20 infants discharged home who had a minimum 2-day NICU stay

STUDY ID # \_\_\_\_\_ (start with 001 and number sequentially until the end of the initiative)

PATIENT DEMOGRAPHICS				
Discharge month _____ Discharge year _____	Saturday/Sunday/ Holiday discharge <input type="checkbox"/> Yes <input type="checkbox"/> No	Length of stay _____ days (count if patient was in bed at midnight)		
Primary caregiver preferred language <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Creole <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	Primary caregiver race (check all that apply) <input type="checkbox"/> Asian <input type="checkbox"/> Black <input type="checkbox"/> White <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	Primary caregiver ethnicity <input type="checkbox"/> Hispanic <input type="checkbox"/> Non-Hispanic <input type="checkbox"/> Unknown		
Gestational age at birth (complete weeks only) _____	Type of insurance <input type="checkbox"/> Medicaid/Medicaid plans <input type="checkbox"/> Private <input type="checkbox"/> Self-pay <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown	Inborn: <input type="checkbox"/> Yes <input type="checkbox"/> No		
DISCHARGE PREPAREDNESS				
Check all that was documented in the patient's chart: <input type="checkbox"/> Complete technical readiness checklist <input type="checkbox"/> Complete discharge planning tool <input type="checkbox"/> Call to pediatrician/PCP (clinical-to-clinical hand-off) <input type="checkbox"/> Follow-up phone call within 3 days after discharge <input type="checkbox"/> None				
Primary caregiver received the document(s) and verbal education on (check all that apply): <input type="checkbox"/> Patient Specific Care Plan <input type="checkbox"/> Discharge summary <input type="checkbox"/> None				
Primary caregiver SDOH screening was: <input type="checkbox"/> Positive <input type="checkbox"/> Declined <input type="checkbox"/> Negative <input type="checkbox"/> Not documented				
Primary caregiver screened positive for (check all that apply): <input type="checkbox"/> Food insecurity <input type="checkbox"/> Housing instability <input type="checkbox"/> Utility needs <input type="checkbox"/> Transportation needs <input type="checkbox"/> Feeling unsafe at home/IPV <input type="checkbox"/> Other: _____				
Action plan for positive SDOH screening prior to discharge included (check all that apply): <input type="checkbox"/> Social work consult completed <input type="checkbox"/> None <input type="checkbox"/> Further assessment completed <input type="checkbox"/> Appropriate resources provided <input type="checkbox"/> Appropriate referrals arranged				
Appointments prior to discharge:				
	Scheduled	Not scheduled	Pt. declined	Not applicable
PCP appointment within 3 days of DC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specialty appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Therapy (OT, ST, PT)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Healthy Start	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Early Steps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Medicaid Managed Care	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment appointments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EMOTIONAL READINESS ASSESSMENT				
<input type="checkbox"/> Completed <input type="checkbox"/> Not completed/not documented <input type="checkbox"/> Patient declined				
Primary caregiver was: Confident their infant's heart rate and breathing were safe <input type="checkbox"/> Not at all <input type="checkbox"/> Somewhat <input type="checkbox"/> Very <input type="checkbox"/> Confident that their infant was developing and growing <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Ready for their infant to come home <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				

3

## Enter data in the REDCap data portal



MFC Patient Level Data Collection

Hospital Name

\* must provide value

Provide email of individual completing this form:

\* must provide value

Month of Discharge

\* must provide value

Year of Discharge

\* must provide value

2023

2024

reset

Link will be sent to the project and data lead once DUA is fully executed



# Data type and frequency of reporting

## Patient-level data

- Patient demographics and SDOH
- Discharge Preparedness and Emotional Readiness Assessment
- Aggregate SDOH data

## Hospital-level data

- Staff training
- Standardized documentation
- Policies and guidelines to support Homeward Bound

# Aggregate Social Determinants Of Health data

Aggregate Monthly Report of infants <u>discharged home</u> with a minimum 2-day NICU stay		
# of eligible infants discharged home	_____	
# of eligible infants whose primary caregivers had SDOH screening documented using a SDOH screening tool	_____	<input type="checkbox"/> Unknown
# of eligible infants whose primary caregiver declined SDOH screening	_____	<input type="checkbox"/> Unknown
# of eligible infants whose primary caregiver screened positive for SDOH	_____	<input type="checkbox"/> Unknown
# of eligible infants whose primary caregiver screened positive for SDOH, and was connected to appropriate services/resources	_____	<input type="checkbox"/> Unknown

### CMS required reporting timeline:

- Collection period: January 1, 2024 – December 31, 2024
- Submission deadline: May 15, 2025



# Data type and frequency of reporting

## Patient-level data

- **Aggregate data**
- **Patient demographics**
- **Discharge Preparedness and Emotional Readiness Assessment**
- **Social Determinants of Health**



## Hospital-level data

- **Staff education**
- **Standardized documentation**
- **Policies and guidelines to support Homeward Bound**

# Structural Measures

Guidelines, Policies, and/or Processes					
1- Not Started					
2- Planning					
3 -Started Implementing – Started implementation in the last 3 months					
4- Implemented – Less than 80% compliance after at least 3 months of Implementation (Not routine practice)					
5- Fully Implemented – At least 80% compliance after at least 3 months of Implementation (Routine practice)					
<i>To what extent is your hospital:</i>	Not started 1	Planning 2	Started to implement 3	Implemented 4	Fully implemented 5
Implementing a policy, guideline, or procedure to administer a Social Determinants of Health (SDOH) Assessment tool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Developing process maps of key personnel, tools, information systems and timing to access SDOH from maternity units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to supply food vouchers and breast pumps.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a strategy to provide families with a list of Pediatricians who can manage NICU graduates and accept Medicaid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to identify and call PCP prior to discharge for patients based on unit-specific criteria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a patient-specific care plan for the family that includes needed subspecialties, ST, PT, OT, home health services, equipment, and NICU developmental follow-up programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a standardized format for DC summary including history and all care provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to provide multiple copies of DC summary for each appointment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to call parents of patients based on unit criteria within 3 days after discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engaging a family advisor in the QI team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engaging a community advisor in the QI team (e.g. Healthy Start representative, home visiting program representative)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



What are Structural Measures?

Structural Measures help us to assess where your facility is on implementation within our Initiative.



## How are we Measuring this?

Implement and/or reinforce key processes, guidelines, policies, and resources to support Homeward Bound.

Report as follows:

1. **Not started**
2. **Planning**
3. **Started Implementing** - started implementation in the last 3 months
4. **Implemented** - less than 80% compliance after at least 3 months of Implementation (Not routine practice)
5. **Fully Implemented** - at least 80% compliance after at least 3 months of Implementation (Routine practice)

# Staff Training

- Report cumulative percent

Staff Training		
Please add the percentage of staff and NICU providers who have been educated on the following topic and have attended the Respectful Care training		
<i>Has your Staff been trained on:</i>	Nurses	NICU providers
A process to engage the care team in coaching parents on infant care skills needed for the transition to home	_____ %	_____ %
<i>Has your Staff attended:</i>	Nurses	NICU providers
A Respectful Care training since October 2023 and committed to Respectful Care practices	_____ %	_____ %



**Homeward Bound  
Hospital-Level Data Collection Form**

**Guidelines, Policies, and/or Processes**

- 1- Not Started
- 2- Planning
- 3 -Started Implementing – Started implementation in the last 3 months
- 4- Implemented – Less than 80% compliance after at least 3 months of Implementation (Not routine practice)
- 5- Fully Implemented – At least 80% compliance after at least 3 months of Implementation (Routine practice)

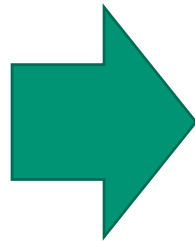
<i>To what extent is your hospital:</i>	Not started 1	Planning 2	Started to implement 3	Implemented 4	Fully implemented 5
Implementing a policy, guideline, or procedure to administer a Social Determinants of Health (SDOH) Assessment tool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Developing process maps of key personnel, tools, information systems and timing to access SDOH from maternity units	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to supply food vouchers and breast pumps.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a strategy to provide families with a list of Pediatricians who can manage NICU graduates and accept Medicaid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to identify and call PCP prior to discharge for patients based on unit-specific criteria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a patient-specific care plan for the family that includes needed subspecialties, ST, PT, OT, home health services, equipment, and NICU developmental follow-up programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Creating a standardized format for DC summary including history and all care provided	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to provide multiple copies of DC summary for each appointment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Implementing a guideline, policy, or procedure to call parents of patients based on unit criteria within 3 days after discharge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engaging a family advisor in the QI team	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engaging a community advisor in the QI team (e.g. Healthy Start representative, home visiting program representative)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Staff Training**

Please add the percentage of staff and NICU providers who have been educated on the following topic and have attended the Respectful Care training

<i>Has your Staff been trained on:</i>	Nurses	NICU providers
A process to engage the care team in coaching parents on infant care skills needed for the transition to home	_____ %	_____ %
<i>Has your Staff attended:</i>	Nurses	NICU providers
A Respectful Care training since October 2023 and committed to Respectful Care practices	_____ %	_____ %

# HOSPITAL-LEVEL DATA



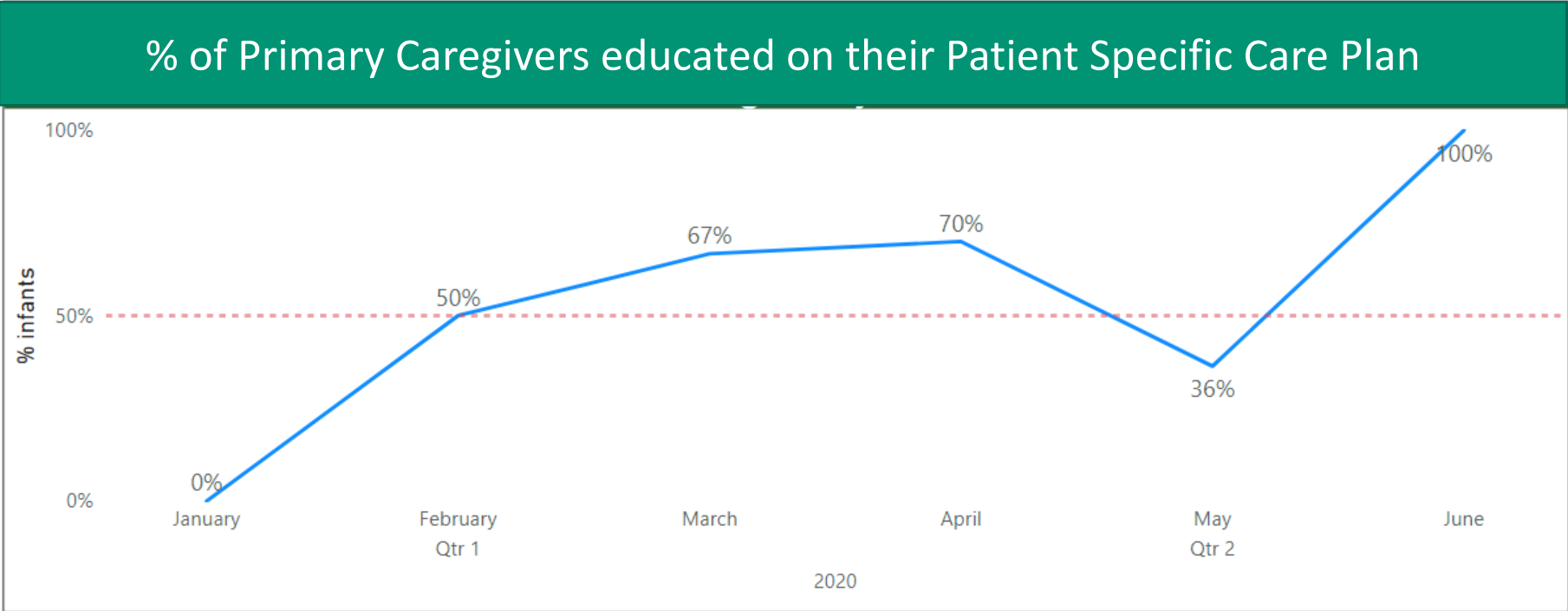
- Not started
- Planning
- Started to implement
- Implemented
- Fully Implemented



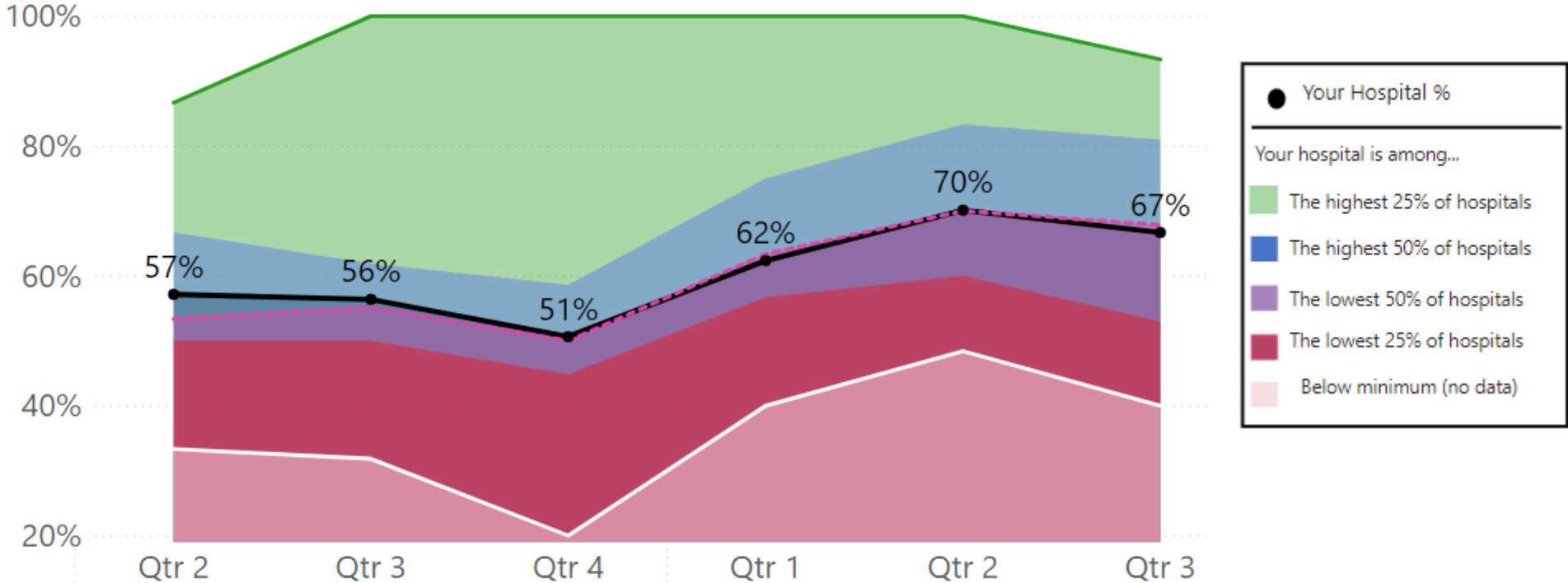
Cumulative Percent



## HOSPITAL-SPECIFIC



## HOW DOES YOUR HOSPITAL COMPARE TO OTHERS



# Why we collect data for QI?

- Informs progress and outcome of your work
- Identify areas of opportunity and strength

Data for learning not for judgment- Maximize learning

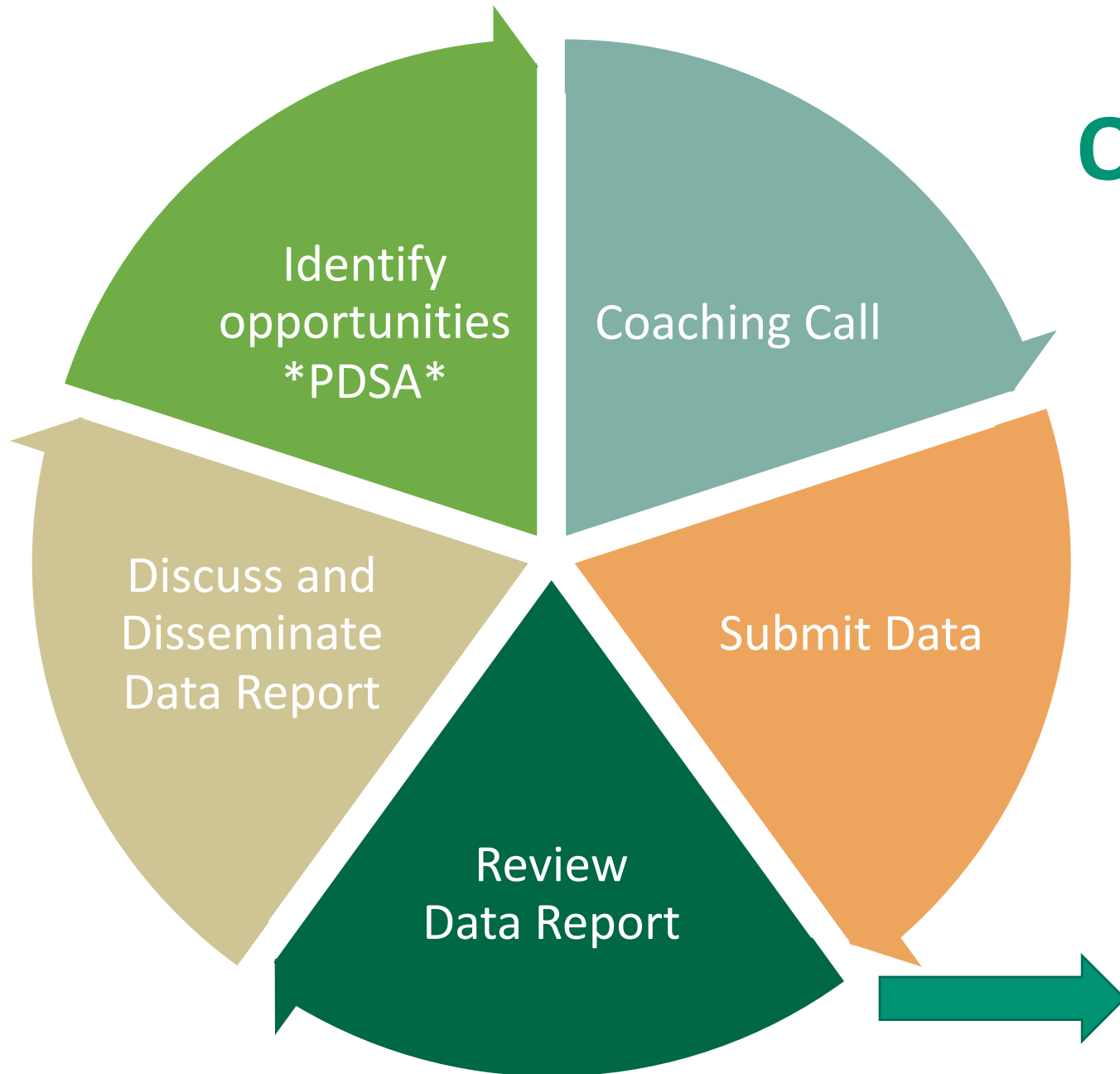
# How to use your data for improvement?

- Initial data points will be a surrogate baseline
- Review your data every month for evaluating and guiding improvement. Use it to prompt discussion and action!
- Create a system that can be maintained long after the project ends: check if you are holding your gains overtime!

Data need to be strong, detailed and actionable!



# QI MONTHLY CYCLE



## QI REPORTS

- Aim
- Run Charts
- Tracks Process, Structural and Outcome Measures
- Add your PDSAs

# Homeward Bound

**Vision:** Integrate family into a “Family Centered” discharge process that encompasses Dignity & Respect, Participation, Communication, and Information Sharing. The process begins on admission, empowering families to collaborate with the clinical interdisciplinary team throughout their baby’s transition from NICU admission to discharge home.

## Aim

### Primary Aim:

By June 2025, participating hospitals will achieve a 20 % increase in discharge readiness for NICU infants measured by

1. Parental technical readiness checklist completion
2. Emotional readiness score by parent questionnaire

### Secondary Aim:

By June 2025, participating hospitals will achieve a 20% increase in the completion of a discharge planning tool upon discharge home

## Primary Key Drivers

Family Engagement and Preparedness

Health Related Social Needs

Transfer and Coordination of Care

## Secondary Key Drivers

Educate caregiver to take ownership of infant care

Implement a discharge planning tool starting at admission

Engage care team to coach parents on infant care skills needed for transition to home

Assess family needs and connect to resources

Train and commit to dignity and respect in all family interactions

Orient caregivers to primary care/medical home

Coordinate referrals to subspecialist/rehabilitation services/mentoring programs

Provide a comprehensive discharge summary to caregivers and care team

*Family-Centered Care is a universal component of every driver & activity*

## Important requests/dates

- ❑ Track completion of your hospital's Data Use Agreement
- ❑ Let us know of any changes in your HB team: Data Lead resources
- ❑ Submit your Hospital-Level Data in December
- ❑ **Patient-level data collection starts in January** – (January data is due February 15<sup>th</sup>)

# Questions?

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**“To improve the health and health care of all Florida mothers & babies”**

