



# Mother's Own Milk (MOM) Initiative

Using Data to Chart our Progress!

Partnering to Improve Health Care Quality  
for Mothers and Babies

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# Welcome!

- **Please enter your Audio PIN on your phone or we will be unable to un-mute you for discussion.**
- If you have a question, please enter it in the Question box or Raise your hand to be un-muted.
- This webinar is being recorded.
- Please provide feedback on our post-webinar survey.

# Agenda

## 2/7/2019

- 👶 Project Announcements
- 👶 Initiative-wide Data
- 👶 Baptist Children's Hospital
- 👶 We look forward to Q&A and supporting your continued progress!

April 4-5, 2019

Florida Perinatal  
Quality Collaborative

# ANNUAL CONFERENCE

Holiday Inn Tampa Westshore  
Tampa, FL

[LINK](#)

# FPQC Annual Conference Abstracts for Poster Presentations

- 👉 Submit an abstract for a poster presentation on the design, implementation, lessons learned, and results of a maternal and/or infant quality improvement project in your institution.
- 👉 The poster competition offers an opportunity to share your work and experiences with colleagues and a chance to win an award.

Deadline 2/28/19 [LINK](#)

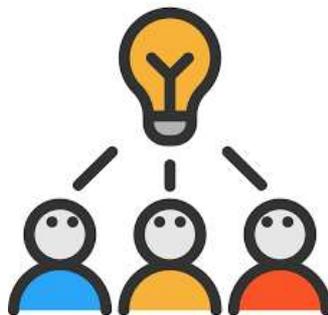
# Resources for Abstract & Posters

## How to write a Scientific Abstract

 [How to write a scientific abstract in six easy steps.](#)

## How to create a Scientific Poster

 [How to create a research poster: Poster Basics](#)



# Join us on Facebook!





# Mother's Own Milk (MOM) Sustainability

Report through Q4-2018  
Initiative-Wide

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# General Statistics

Sustainability

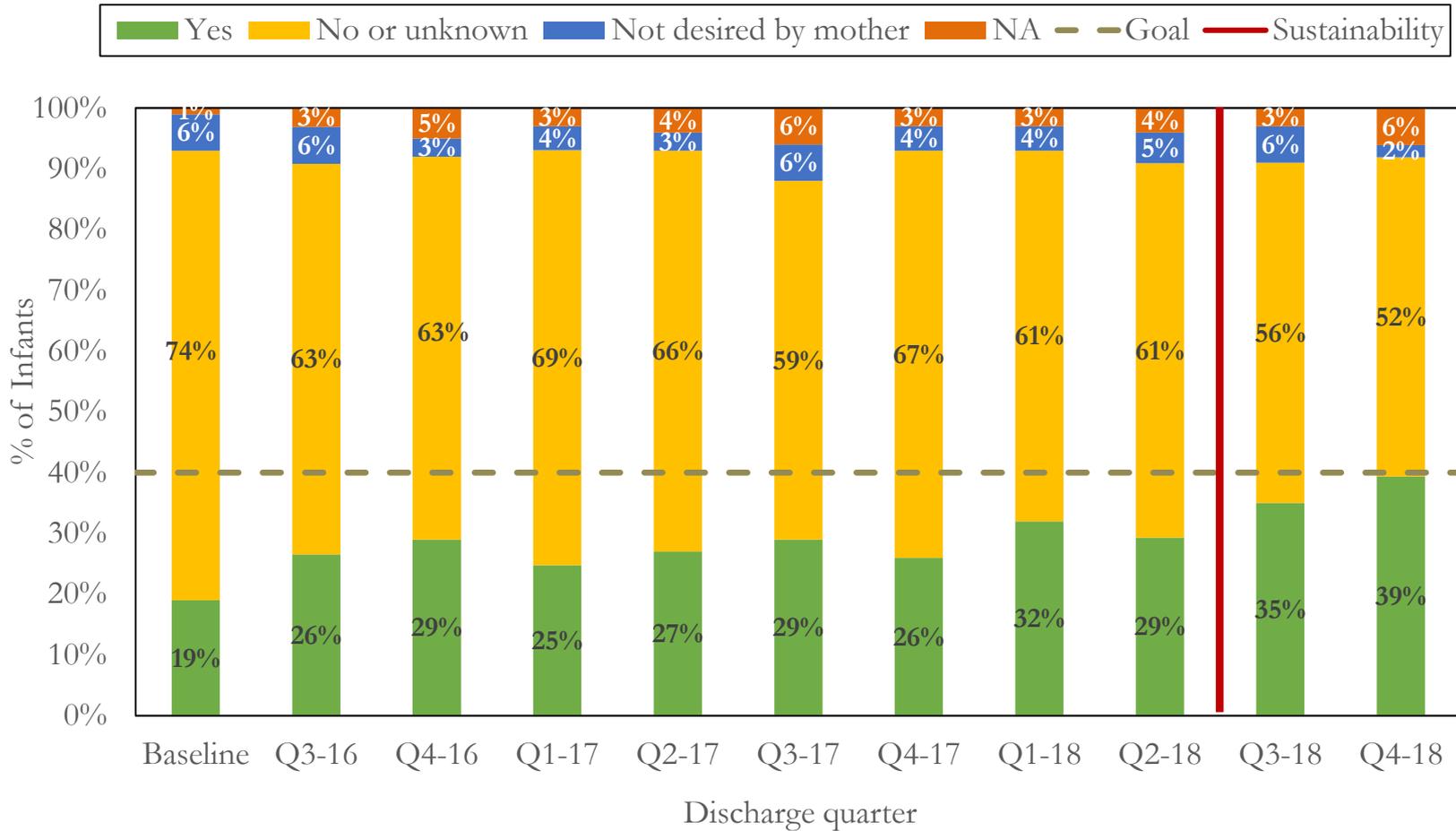
	Baseline	Q3-16	Q4-16	Q1-17	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18
<b>Number of Infants reported</b>	<b>170</b>	<b>234</b>	<b>283</b>	<b>263</b>	<b>278</b>	<b>300</b>	<b>329</b>	<b>293</b>	<b>202</b>	<b>220</b>	<b>211</b>
<b>Initial disposition - %</b>											
Discharged home	91%	88%	85%	90%	89%	86%	91%	91%	90%	92%	92%
Transferred out	5%	4%	5%	5%	4%	6%	4%	3%	4%	3%	1%
Expired	4%	8%	11%	5%	7%	8%	5%	6%	6%	5%	7%
<b>Maternal race &amp; ethnicity - %</b>											
Non-Hispanic White	30%	24%	25%	23%	27%	23%	23%	24%	25%	24%	25%
Non-Hispanic-Black	40%	46%	43%	42%	41%	40%	43%	40%	43%	42%	43%
Hispanic	25%	27%	29%	28%	27%	33%	28%	31%	25%	32%	29%
Other	5%	2%	4%	6%	5%	3%	6%	5%	7%	2%	3%
Unknown	0%	1%	0%	1%	1%	1%	1%	0%	1%	0%	0%

	Baseline	Q3-16	Q4-16	Q1-17	Q2-17	Q3-17	Q4-17	Q1-18	Q2-18	Q3-18	Q4-18
<b>Infant characteristics - Mean</b>											
Gestational age (weeks)	28.5	28.3	28.2	28.1	28.1	28.4	27.9	28.3	28.1	28	27.8
Birth weight (grams)	1096	1043.4	1032.2	1040.7	1045.9	1067	1006.7	1066.1	1029.4	1054.5	1012.5
Length of hospital stay (days)	59.1	67.9	64.2	69.8	69	68.6	76.9	68.9	68.3	68.1	73.1

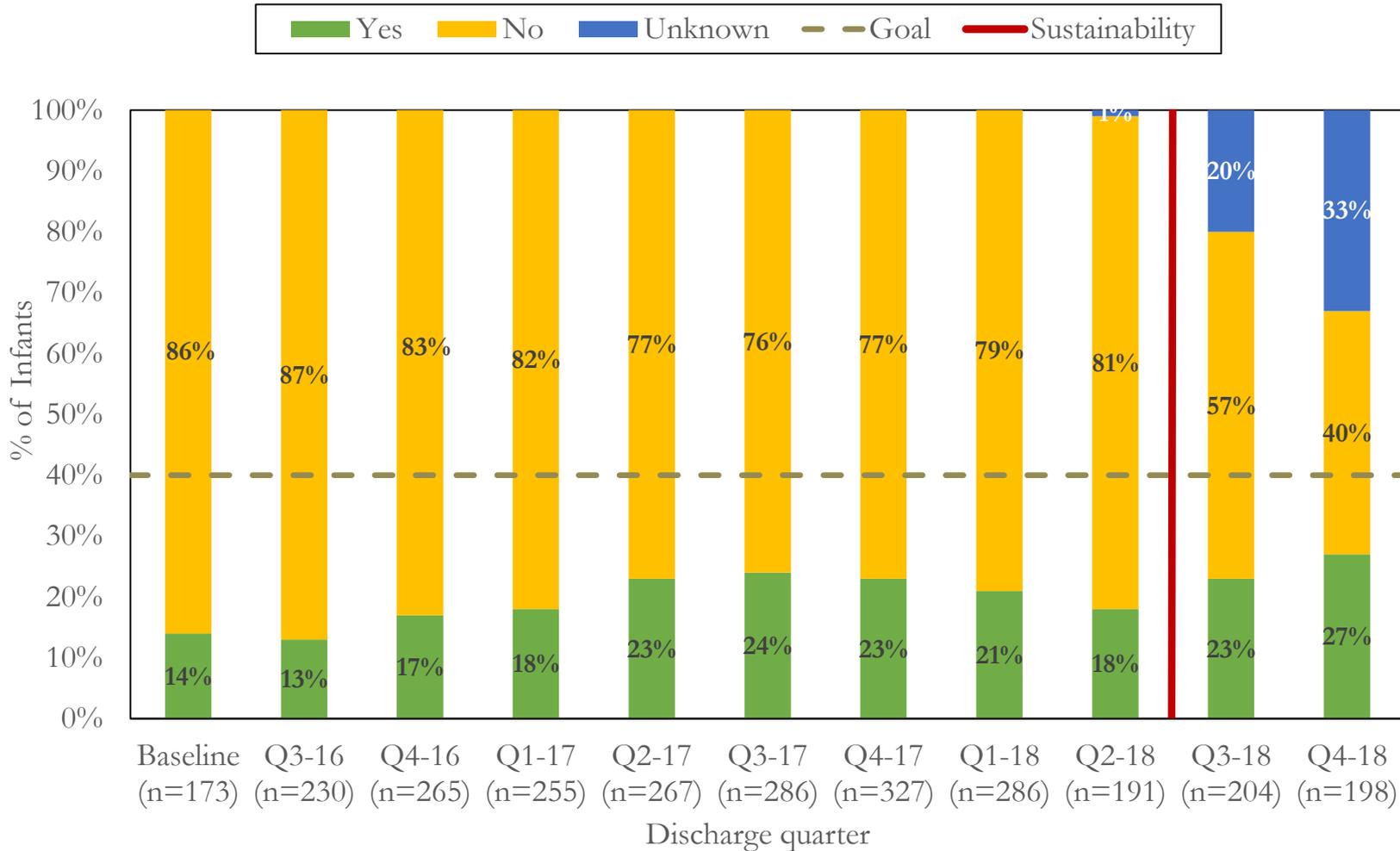
# Fig 1. First pumping session $\leq$ 6 HOL



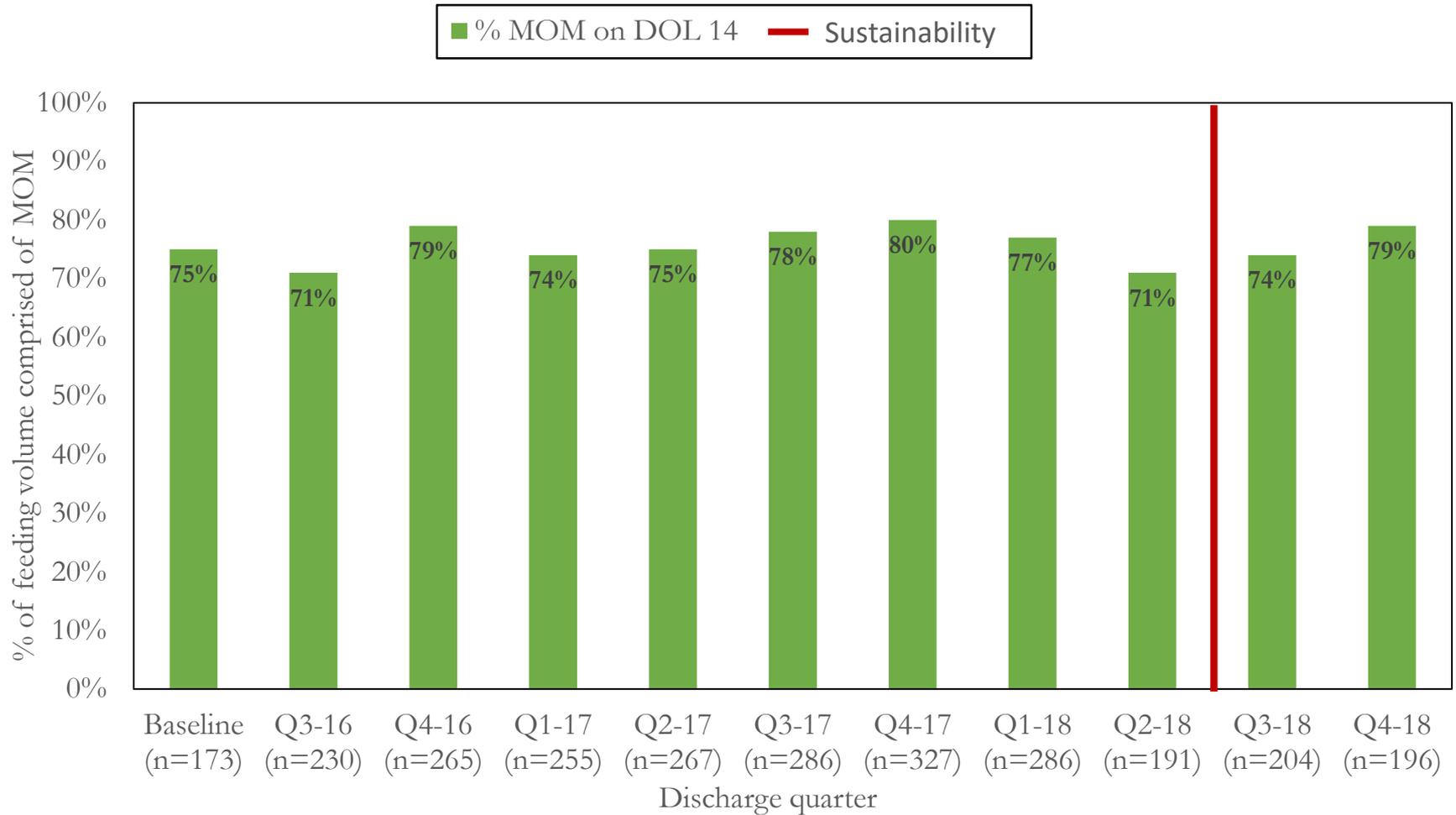
# Fig 2. Non-nutritive breastfeeding documented



# Fig 3. MOM pumped volume $\geq 500$ ml/day on DOL 14



# Fig 4. Average % of feeding volume that is MOM on DOL 14

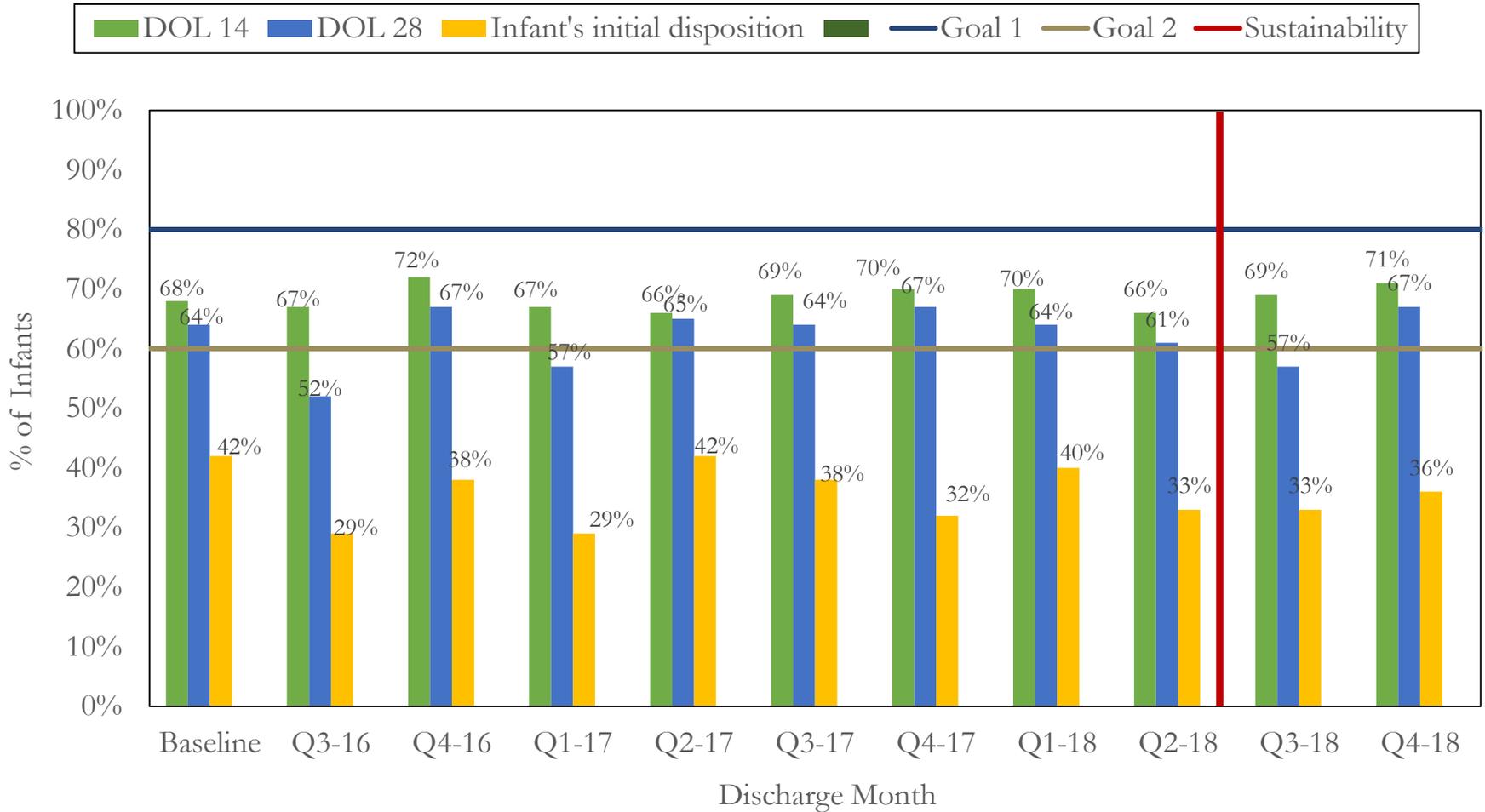


# Fig 5. Feeding substrate on day 14, 28, & initial disposition

	DOL 14			DOL 28			Initial Disposition		
	Feeding Substrate			Feeding Substrate			Feeding Substrate		
Discharge Quarter	Formula %	DM %	MOM %	Formula %	DM %	MOM %	Formula %	DM %	MOM %
Baseline	15%	15%	70%	19%	14%	67%	61%	0%	39%
Q3-16	13%	21%	66%	27%	20%	53%	73%	0%	27%
Q4-16	11%	15%	74%	16%	13%	72%	63%	0%	37%
Q1-17	7%	22%	72%	22%	21%	58%	72%	1%	27%
Q2-17	7%	21%	72%	18%	17%	65%	60%	1%	39%
Q3-17	10%	18%	72%	20%	16%	64%	64%	0%	36%
Q4-17	5%	20%	74%	17%	17%	66%	70%	0%	30%
Q1-18	5%	21%	74%	16%	21%	63%	62%	1%	36%
Q2-18	7%	25%	68%	19%	21%	61%	67%	0%	33%
Q3-18	6%	25%	69%	22%	24%	53%	66%	1%	33%
Q4-18	1%	24%	75%	10%	22%	67%	64%	0%	35%

**Sustainability**

# Fig 6. % of Infants having $\geq 50\%$ of feeding volume comprised of MOM on day 14, 28, & initial disposition



Goal 1: MOM on DOL 14 & 28

Goal 2: MOM on Infant's initial disposition





# Mother's Own Milk (MOM) Sustainability

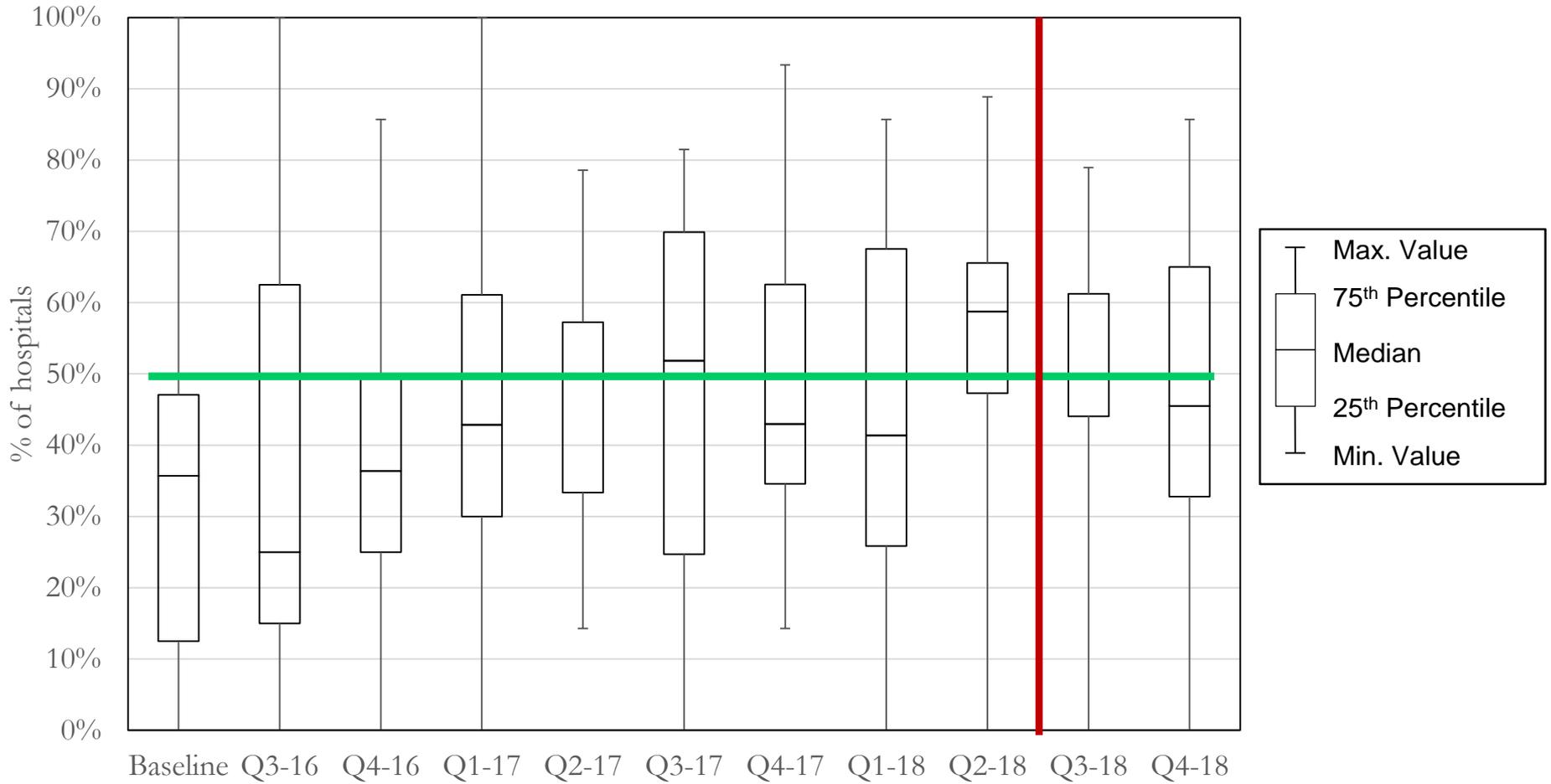
n= 13 participating hospitals

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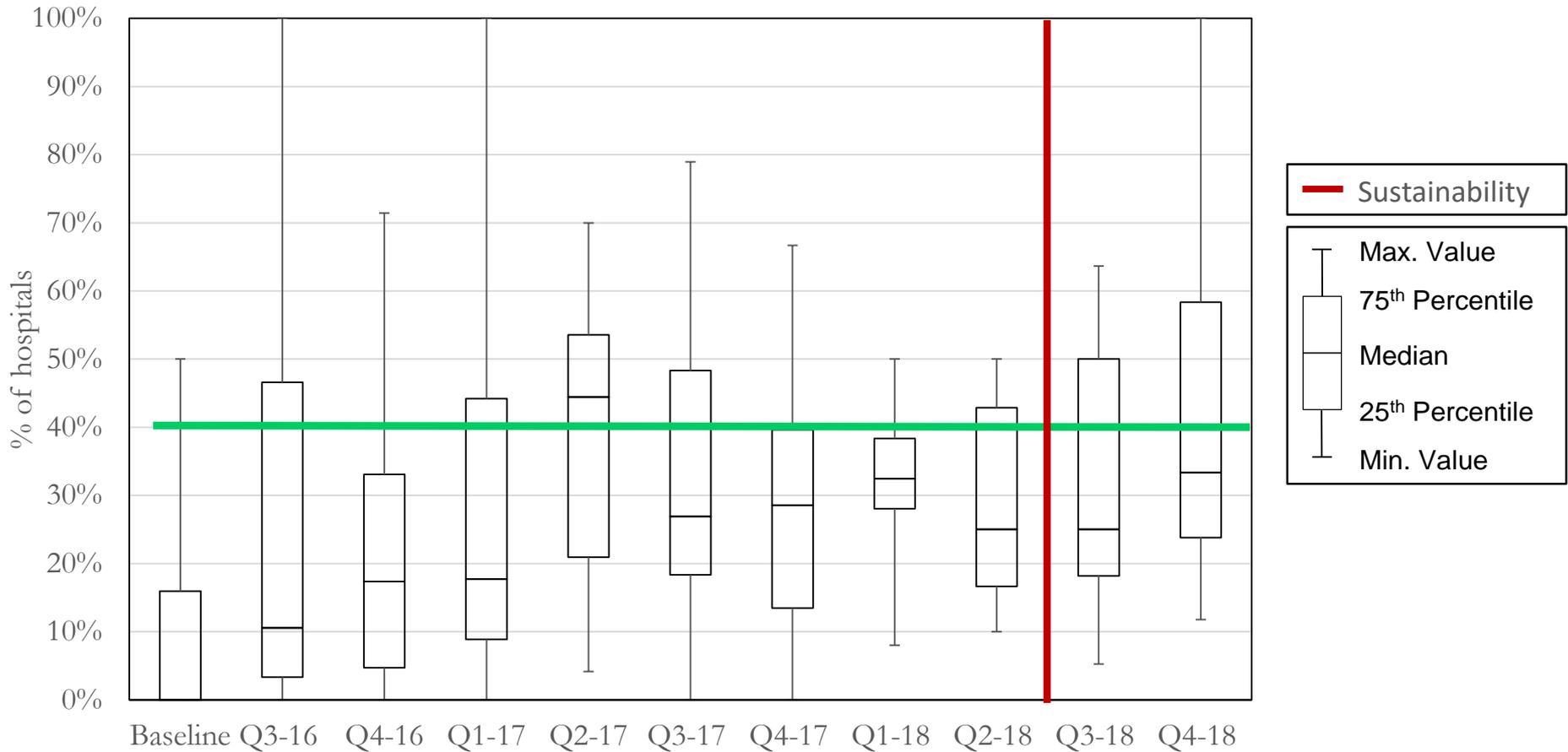


# Fig 1. First pumping session $\leq 6$ HOL



Goal Line: —  
 Denominator: Only infants whose mother intended to provide MOM

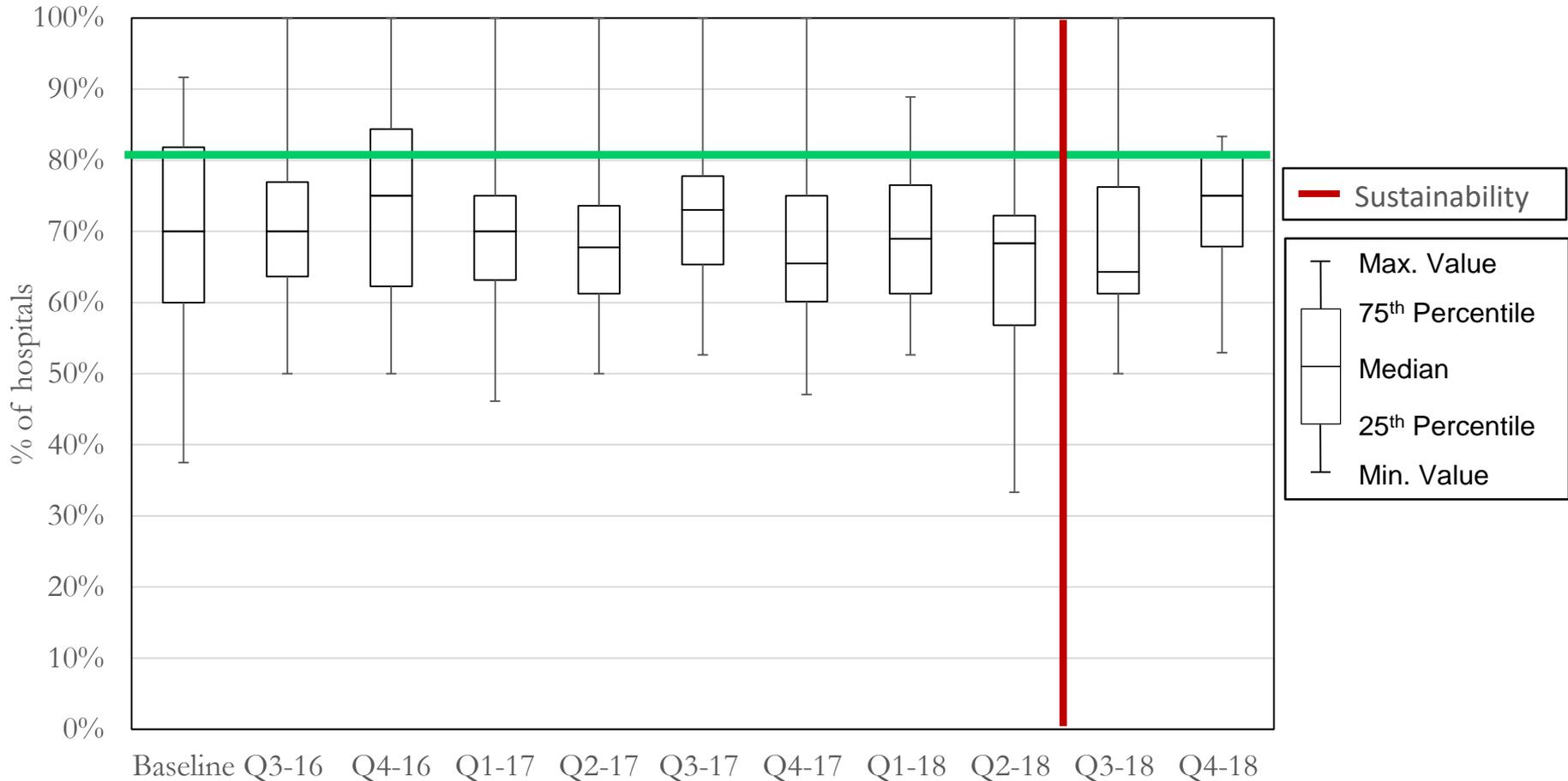
**Fig 2. MOM pumped volume  $\geq 500$  ml/day on DOL 14**



Goal Line:

Denominator: Only infants whose mother intended to provide MOM

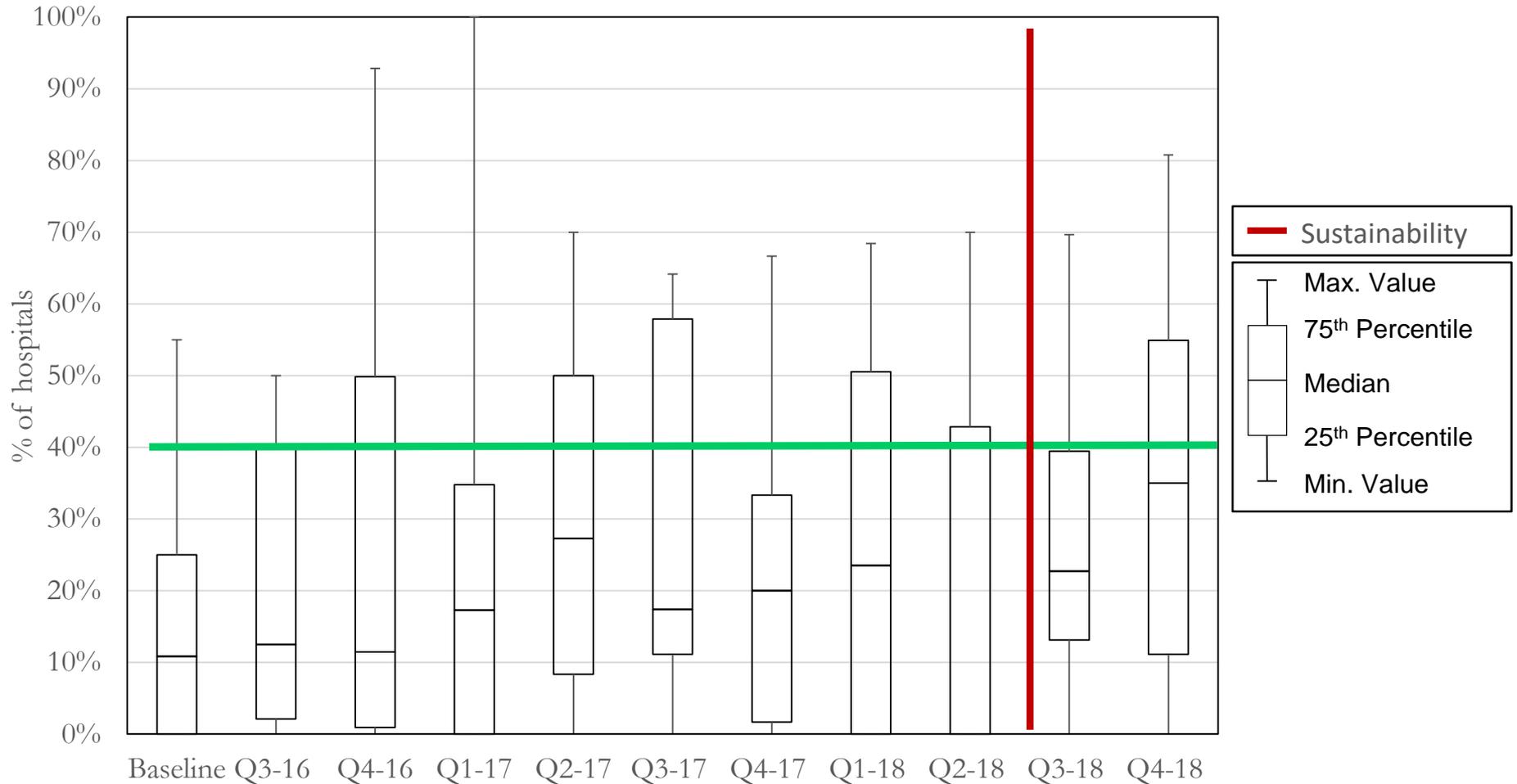
**Fig 3. % of infants having  $\geq 50\%$  of feeding volume comprised of MOM on DOL 14**



Goal Line: —————

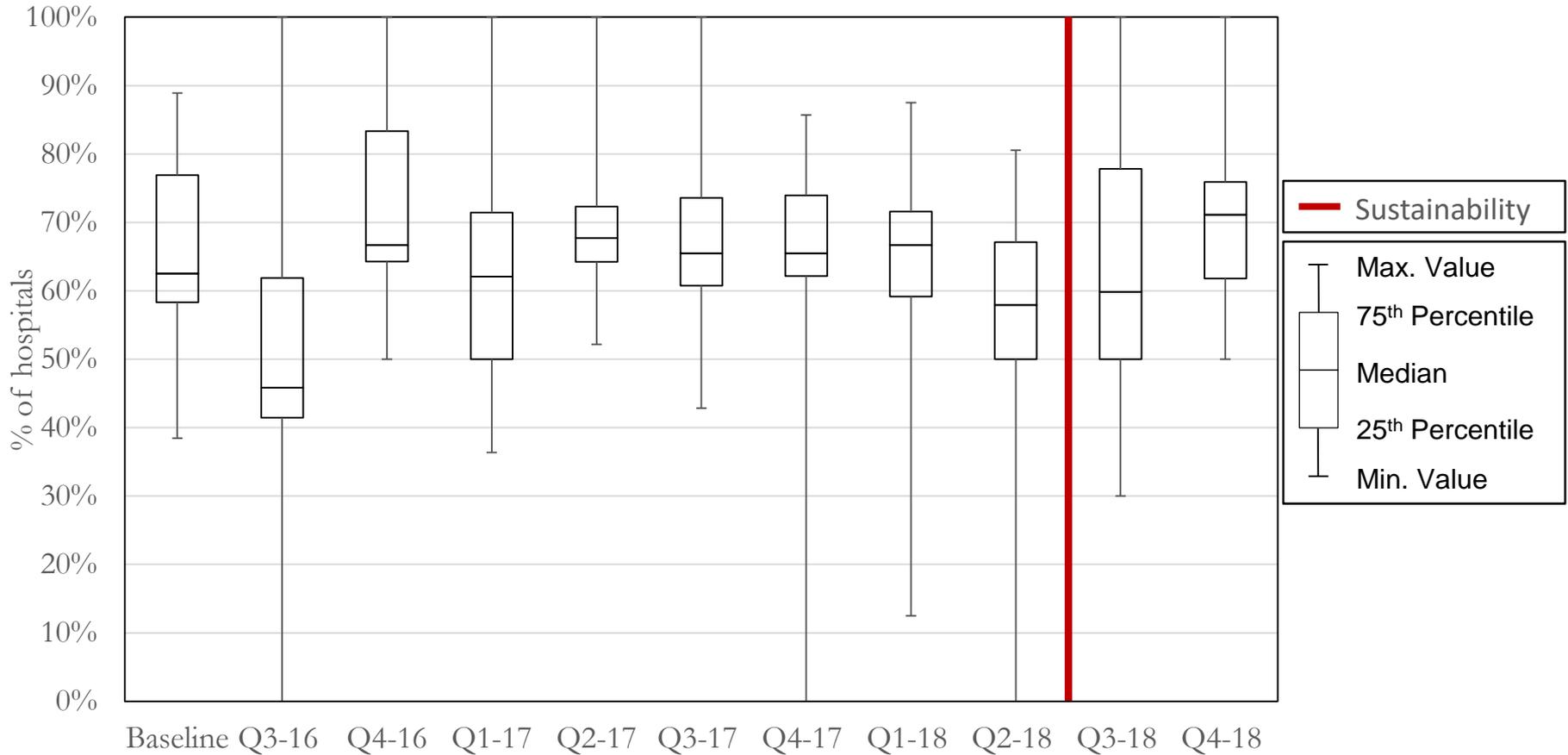
Denominator: Only infants whose mother intended to provide MOM

# Fig 4. Non-nutritive BF session documented



Goal Line: —  
 Denominator: Only infants whose mother intended to provide MOM

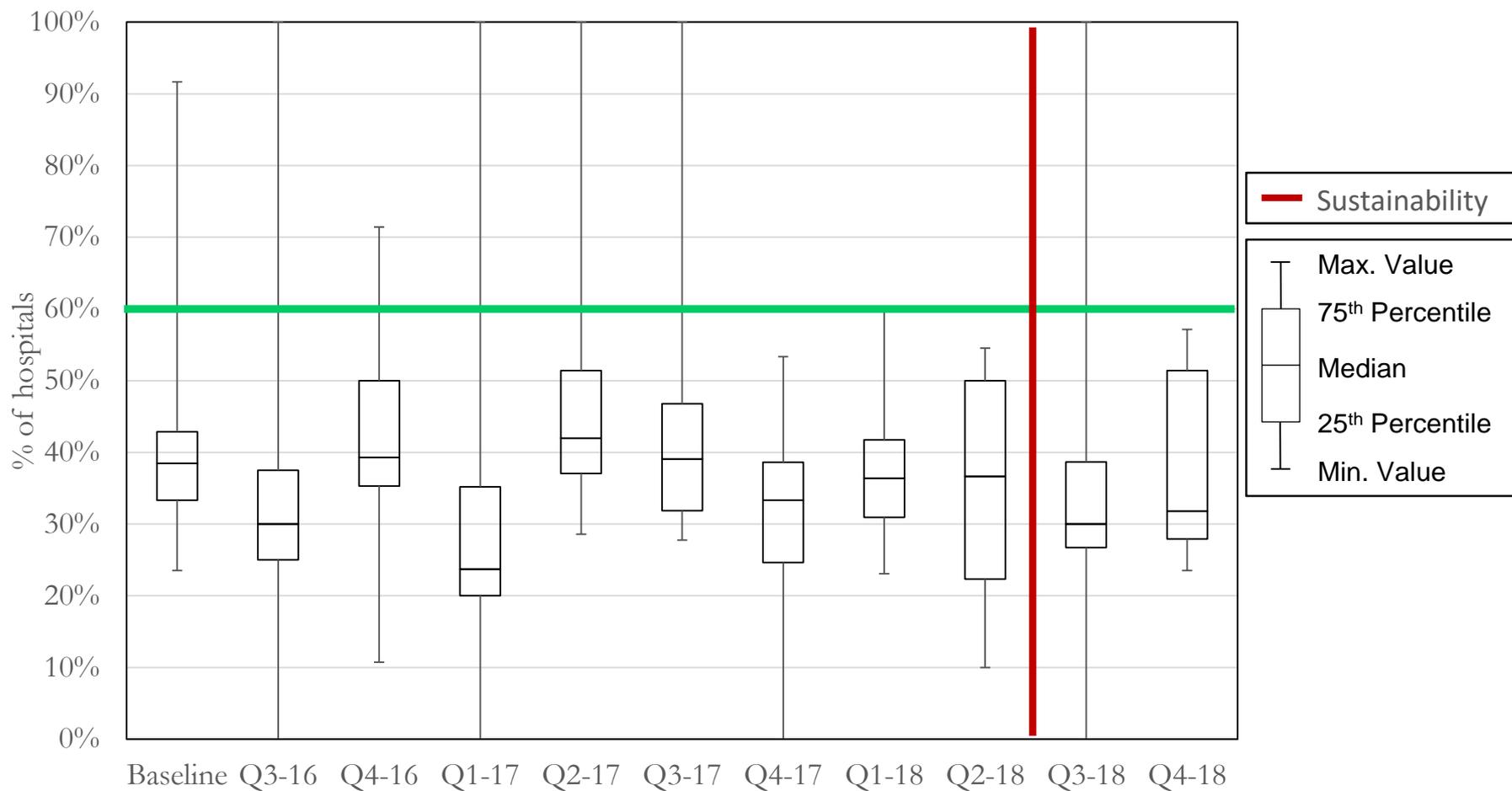
**Fig 5. % of infants having  $\geq 50\%$  of feeding volume comprised of MOM on DOL 28**



Goal Line: —

Denominator: Only infants whose mother intended to provide MOM

**Fig 6. % of infants having  $\geq 50\%$  of feeding volume comprised of MOM on initial disposition**



Goal Line: —

Denominator: Only infants whose mother intended to provide MOM



# Our MOM Initiative

Baptist Children's Hospital

Miami, FL

Presented by Alreca Daly RN BSN CCRN

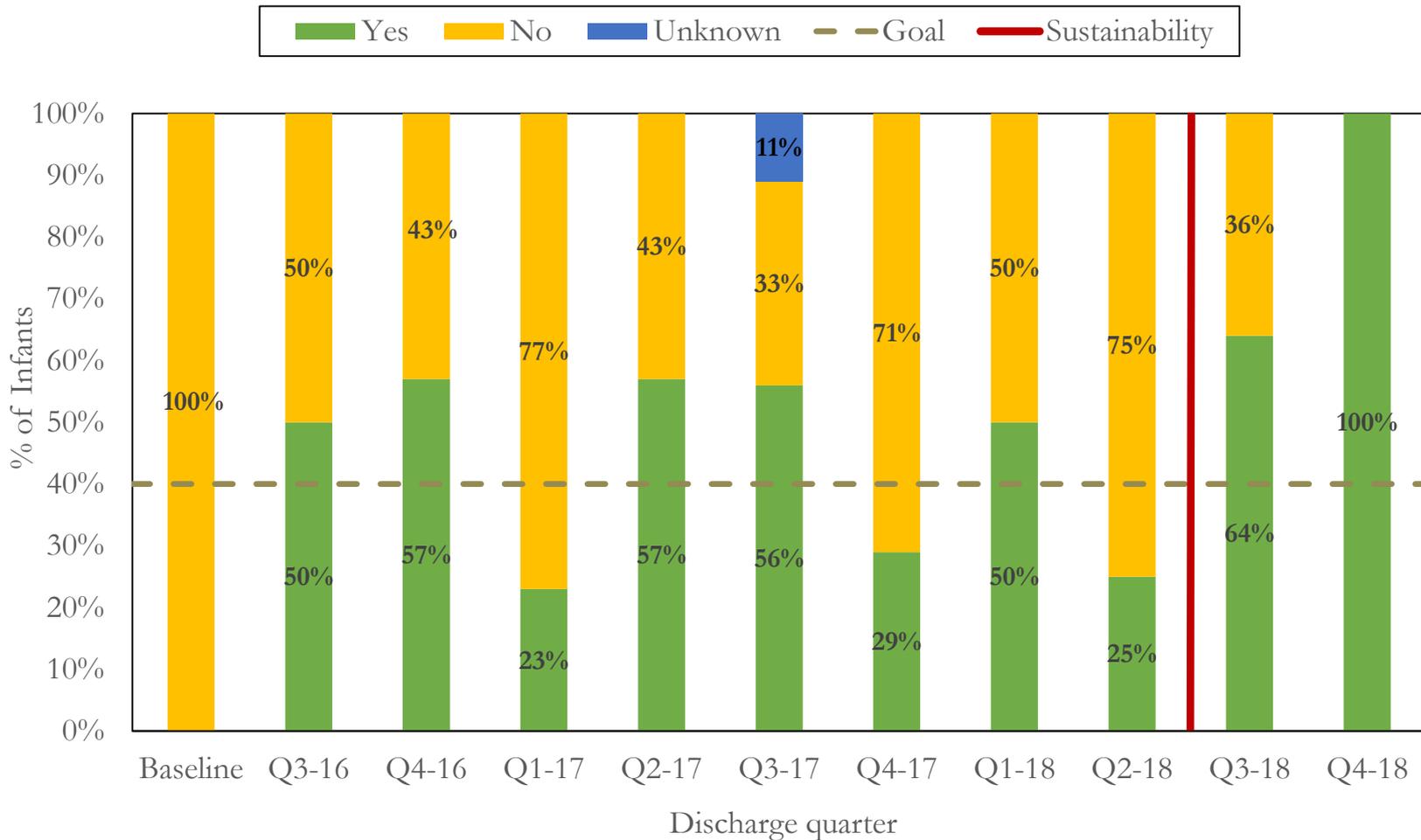
Katrina Villanueva RN

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# Fig 3. MOM pumped volume $\geq 500$ ml/day on DOL 14

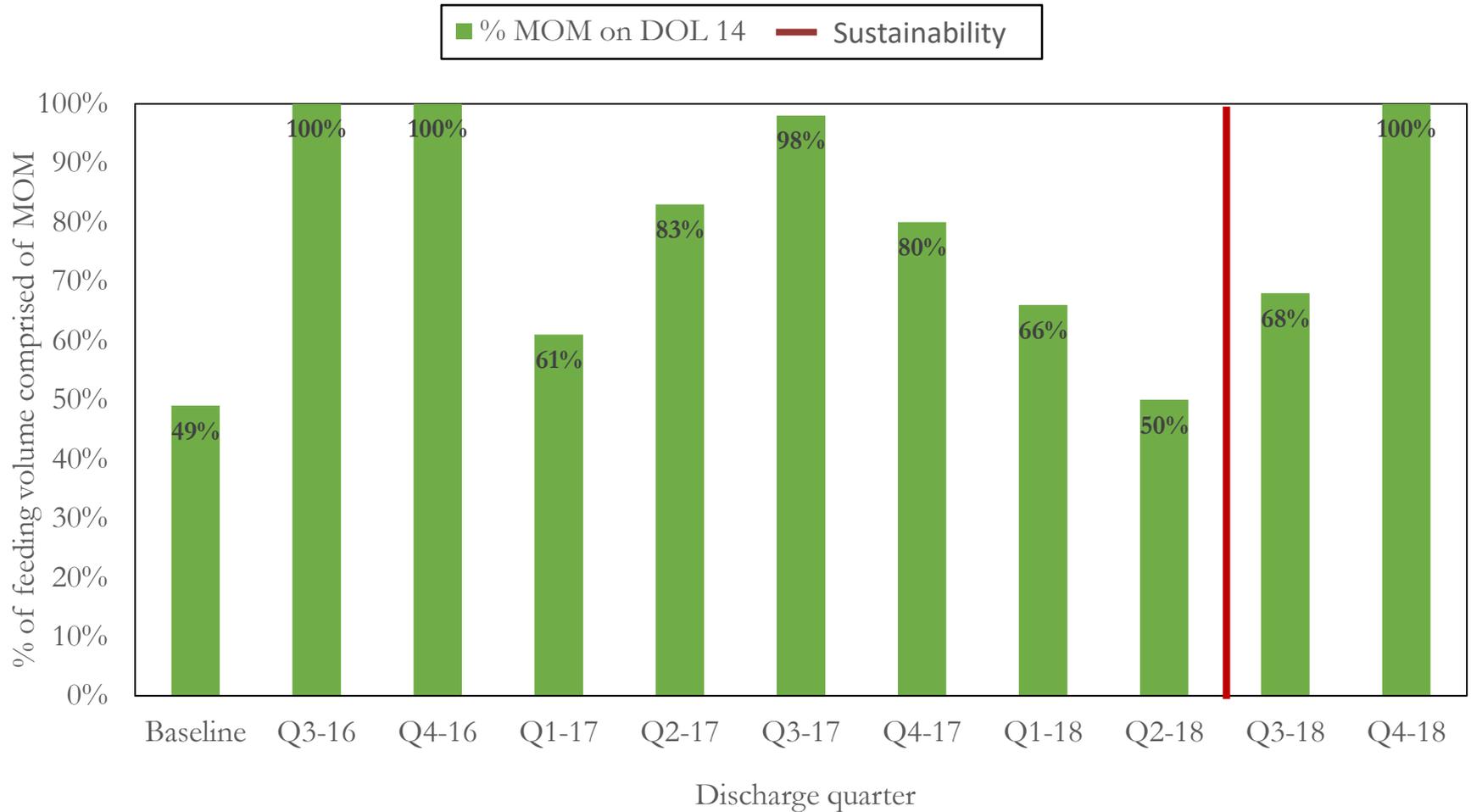


# What Worked?

- 👶 Breastfeeding committee
- 👶 Increasing culture in supporting BF
  - 👶 E-mail notifications
  - 👶 Daily conversations
- 👶 Weekly audits
  - 👶 Freezers



# Fig 4. Average % of feeding volume that is MOM on DOL 14



# What Worked?

- 👶 Audits of Neo Notes
  - 👶 Feedback provided to entire Neo department and Director.
  - 👶 Super Star's
- 👶 Physician Champion(s)
  - 👶 New Neos very supportive of BF

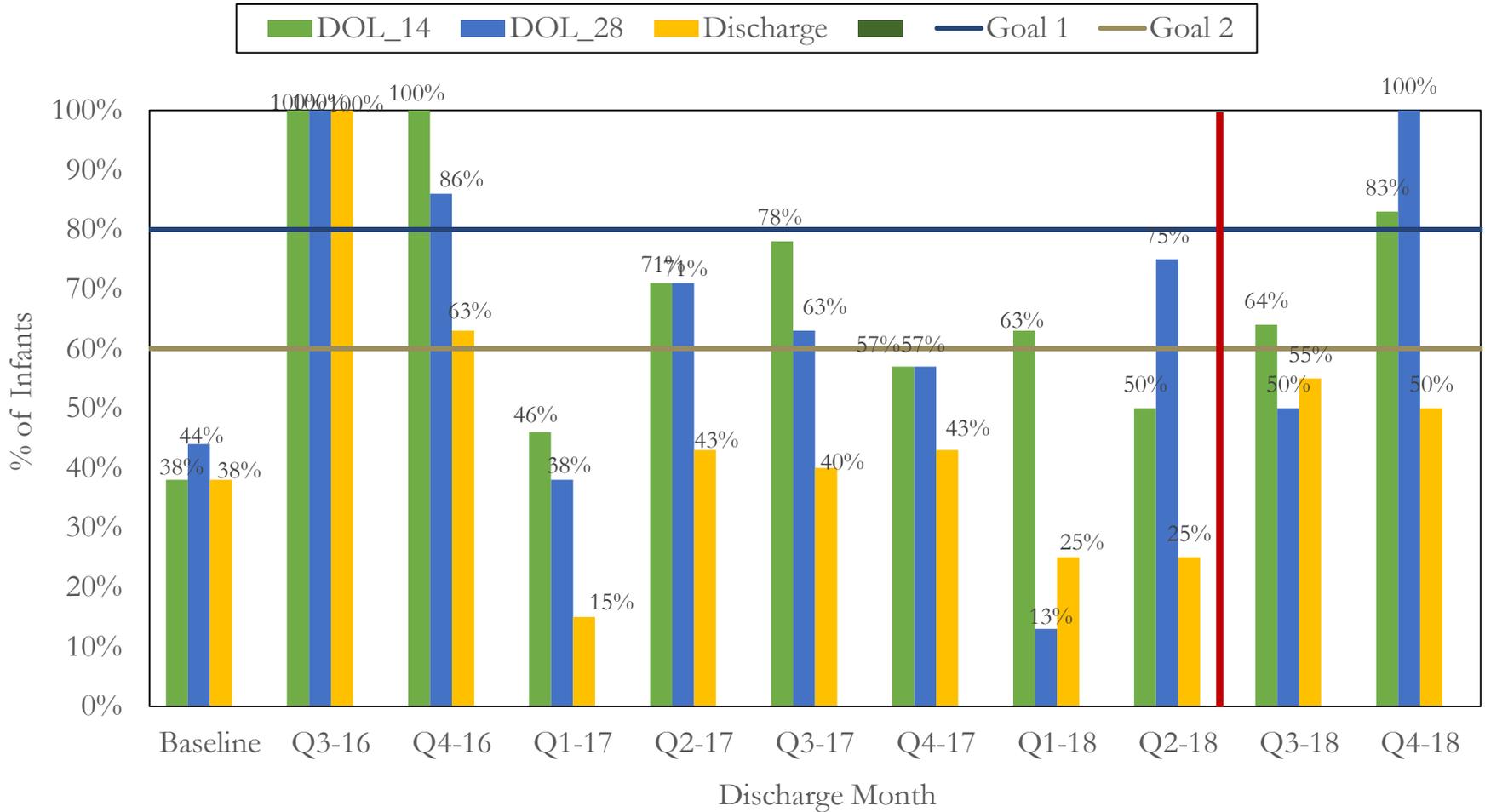


# Fig 6. Feeding substrate on day 14, 28, & initial disposition

	DOL 14			DOL 28			Initial Disposition		
	Feeding Substrate			Feeding Substrate			Feeding Substrate		
Discharge Quarter	Formula %	DM %	MOM %	Formula %	DM %	MOM %	Formula %	DM %	MOM %
Baseline	15%	32%	54%	13%	29%	57%	69%	0%	31%
Q3-16	0%	0%	100%	0%	0%	100%	15%	0%	85%
Q4-16	0%	0%	100%	0%	19%	81%	41%	0%	59%
Q1-17	0%	38%	62%	30%	30%	40%	88%	0%	12%
Q2-17	0%	13%	87%	16%	0%	84%	59%	0%	41%
Q3-17	0%	0%	100%	0%	13%	87%	57%	0%	43%
Q4-17	0%	35%	65%	11%	42%	46%	63%	0%	37%
Q1-18	10%	15%	76%	33%	34%	33%	80%	0%	20%
Q2-18	0%	83%	17%	0%	46%	54%	83%	0%	17%
Q3-18	20%	12%	68%	31%	21%	48%	47%	0%	53%
Q4-18	0%	0%	100%	0%	0%	100%	50%	0%	50%

**Sustainability**

# Fig 5. % of Infants having $\geq 50\%$ of feeding volume comprised of MOM on day 14, 28, & initial disposition



Goal 1: MOM on DOL 14 & 28

Goal 2: MOM on Infant's initial disposition

# What Worked?

- 👶 Overall, during participation in the MOM Initiative have seen a general increase the VON % (Expanded Data base) infants discharged on any human milk to a range of 89-93%.
- 👶 We are above the top quartile for VON of 79.5%
- 👶 Dedicated Mothers

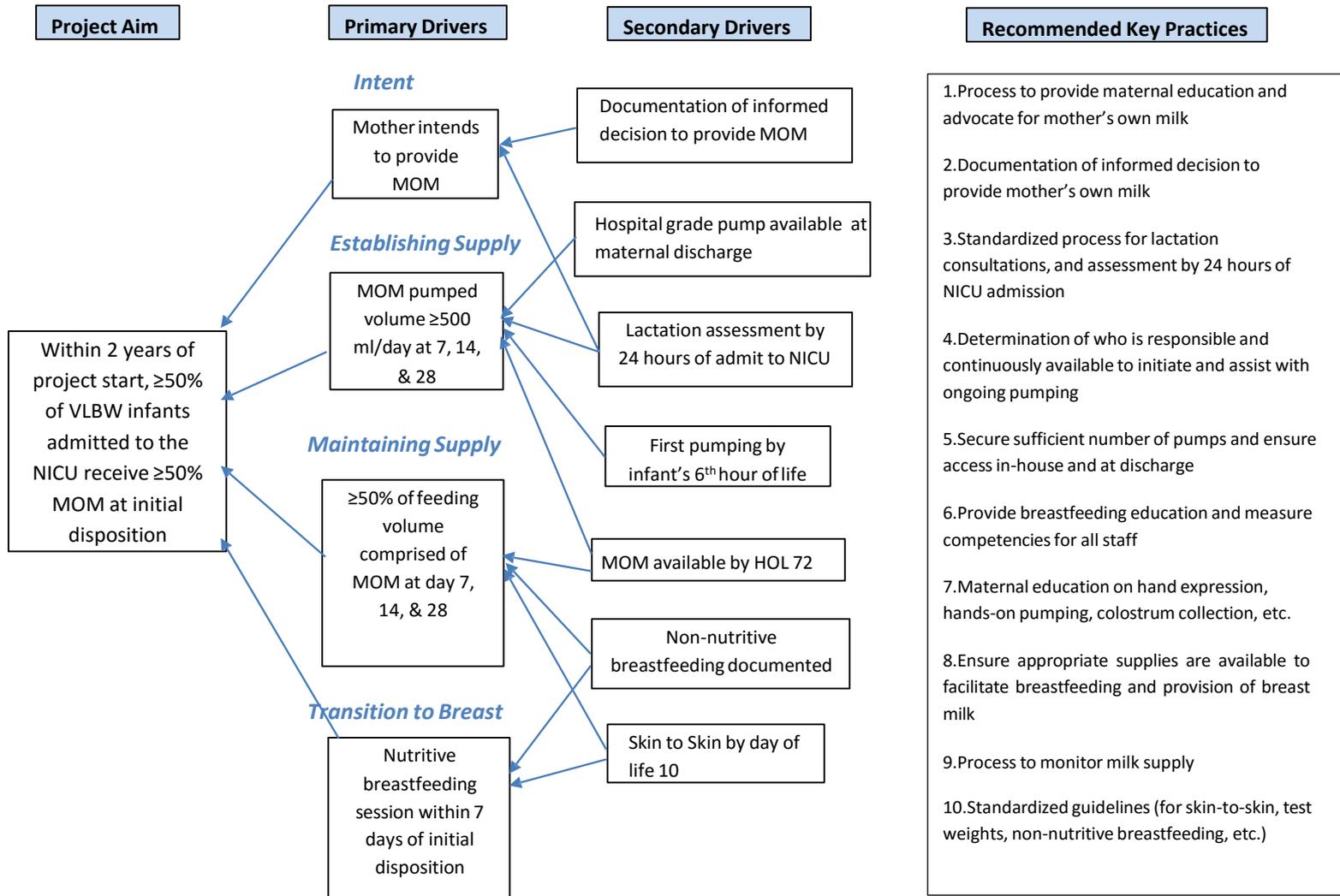


# Any Questions?





# Mother's Own Milk (MOM) Initiative



# Key Recommended Practices

- Standardize a process to provide maternal education and advocate for MOM.
- Document a mother's informed decision to provide MOM.
- Standardize a process for lactation assessments, including initial assessment within 24 hours of NICU admission.
- Determine who is responsible and available to initiate or assist with breast milk pumping, including first pumping occurrence before the infant's 6th hour of life.
- Standardize a process to secure a sufficient number of double electric breast pumps (hospital and home use) for each NICU.

# Key Recommended Practices

- Provide breastfeeding education and measure competencies for nursing and medical staff caring for infants and high-risk mothers.
- Have MOM available within 72 hours of the infant's birth by providing specific maternal education on early initiation of pumping, frequency, use of hand expression, use of pump logs, and colostrum collection.
- Standardize a process to ensure appropriate supplies are available to facilitate breastfeeding and the provision of human milk.
- Standardize a process to monitor MOM supply.
- Standardize guidelines for skin-to-skin, non-nutritive breastfeeding, test weights, transition to nutritive breastfeeding, use of nipple shields, discharge feeding plan, and breastfeeding support.

# FPQC Technical Assistance

- 👤 Phone, email and virtual consultations available
- 👤 Consultations can consist of:
  - 👤 Review of data trends
  - 👤 Discuss clinical issues related to MOM
  - 👤 Support staff educational needs
  - 👤 Tailored to meet the needs of your NICU 😊

# Thank you!

Questions? Email us at [FPQC@health.usf.edu](mailto:FPQC@health.usf.edu)

## Florida Perinatal Quality Collaborative



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