

SOOTHE Data Update: Successes and Challenges

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Where We Are Now

The initiative is moving, but not evenly across drivers or hospitals.

43

NICUs Enrolled

39

Hospitals Reporting

3,398

Infant Records

Q4 2025 through July 2026

18

Team CM Meetings

98%

CC Attendance

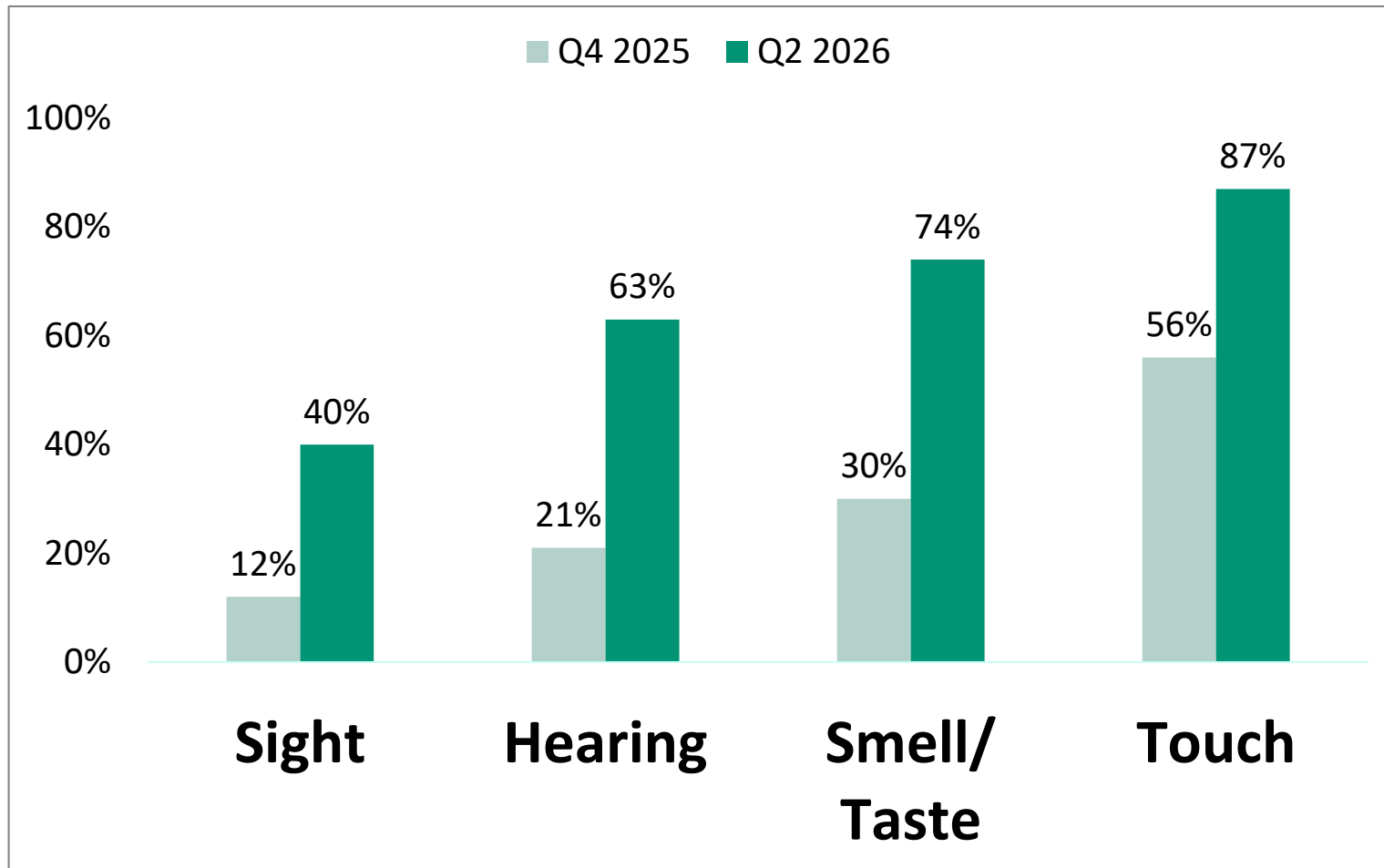
14 Level II

25 Level III

4 Level IV

Sensory Domains

By 6/2027, hospitals will implement at least **1 evidence-based strategy** from each of these sensory domains (sight, sound, touch, and taste/smell) **to improve the sensory environment.**



87%

Touch Domain Fully Implemented

40%

Sight Domain Fully Implemented

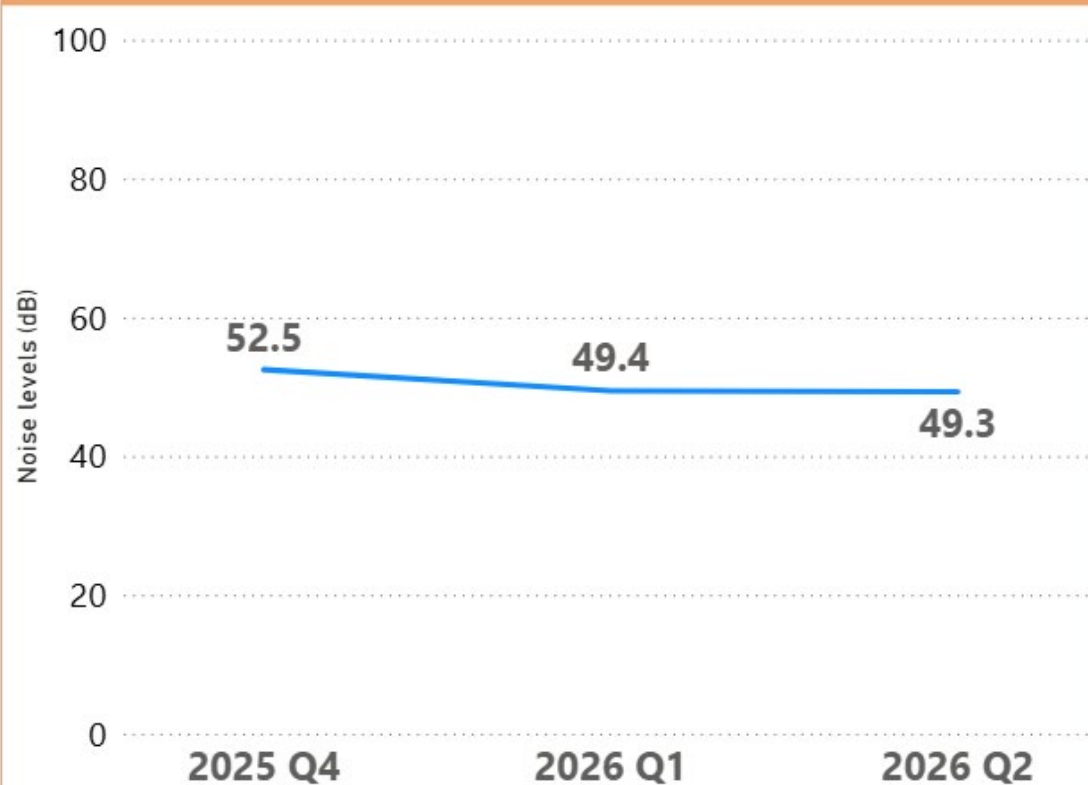
READINESS

Sensory Environment

Is the NICU environment increasingly designed to support the developing brain - not around the convenience of the unit?

Modulate Sound & Provide Positive Auditory Input

Average Noise Levels During Quiet Hours (dB)



53 → 49 dB

Quiet Hour dB Average

14% → 46%

Reading Programs

% hospitals fully implemented reading program

14% → 31%

Routine Calming Sound Guidelines

% hospitals fully implemented guidelines

Promote Developmentally Appropriate Lighting

HOSPITAL-LEVEL INFRASTRUCTURE

Baseline to Q2 2026:

Written guidelines with gestational age-appropriate dimming and light cycling

9% → 15%

PATIENT-LEVEL REACH

Family caregiver trained on light regulation

14% → 34%

Enhance early olfactory and oral sensory experiences

HOSPITAL-LEVEL INFRASTRUCTURE

Baseline to Q2 2026:

Scent cloth program

19% → 33%

Guideline to reduce negative taste and smell experiences

19% → 21%

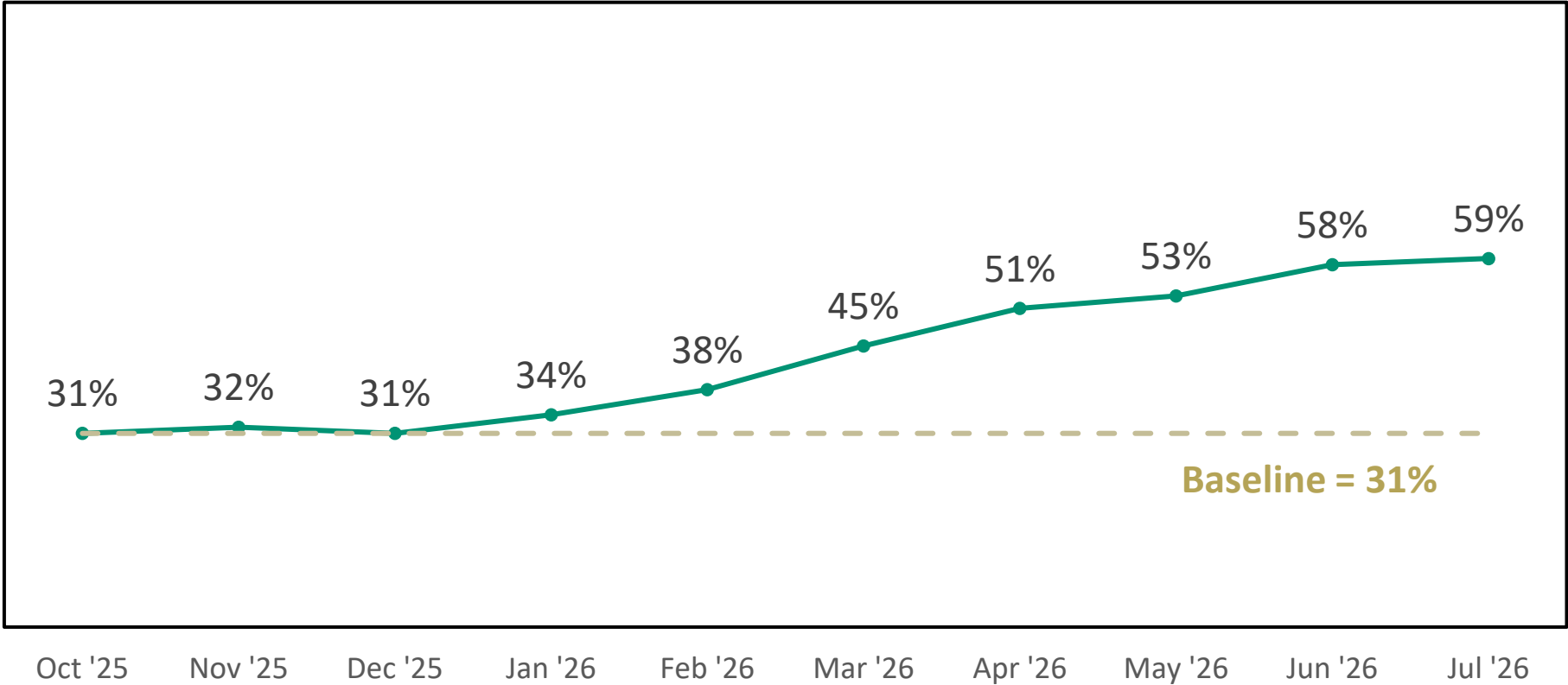
PATIENT-LEVEL REACH

Infants in whom scent clothes have been used

5% → 20%

Optimize Positioning: Use of a Validated Positioning Tool

% of infants in whom a positioning tool was used



84%*

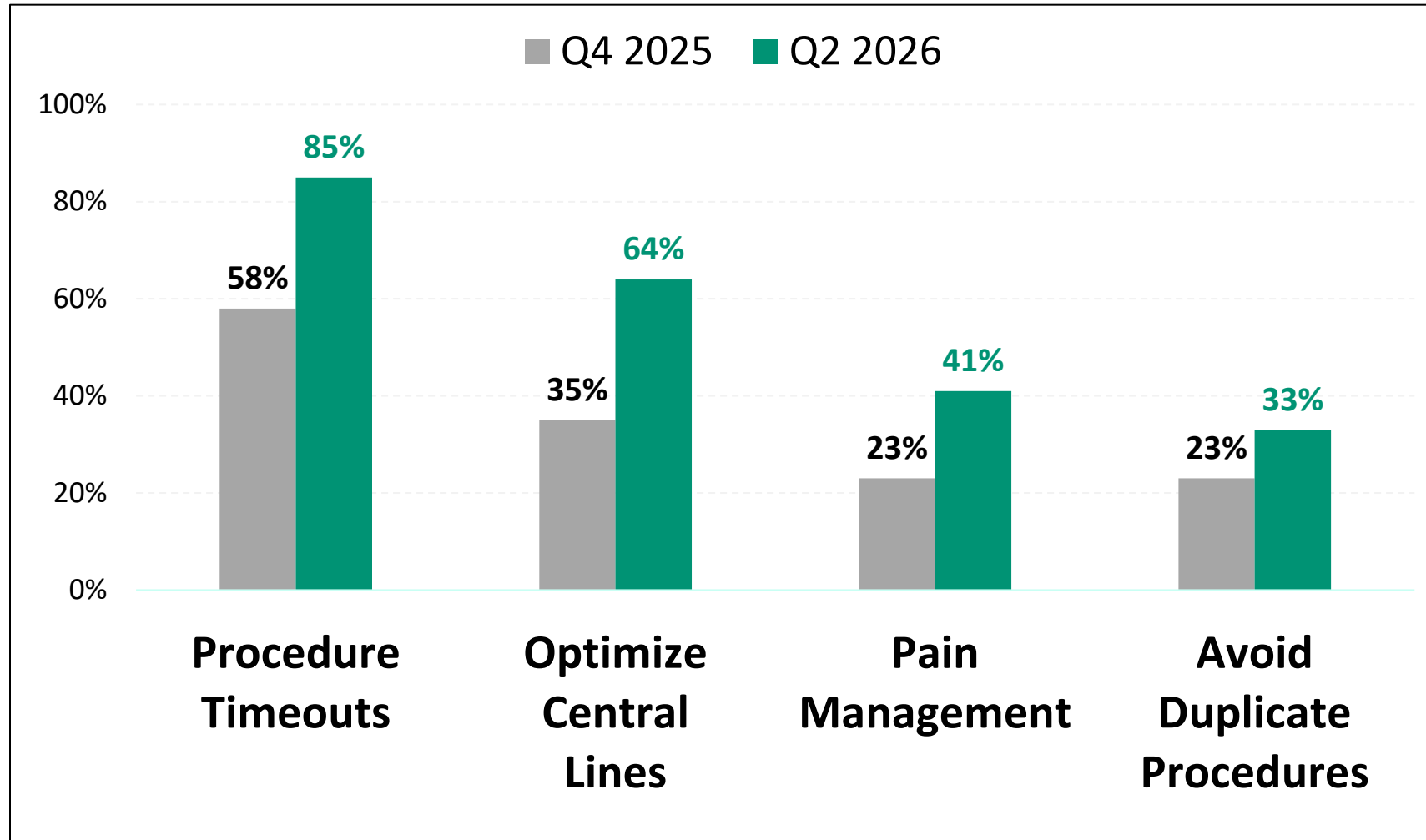
*most recent 3 months (57%) compared to baseline (31%)

RECOGNITION

Noxious Stimuli

Can teams reliably recognize and reduce avoidable pain, handling, procedures, and skin injury?

Reducing Noxious Stimuli

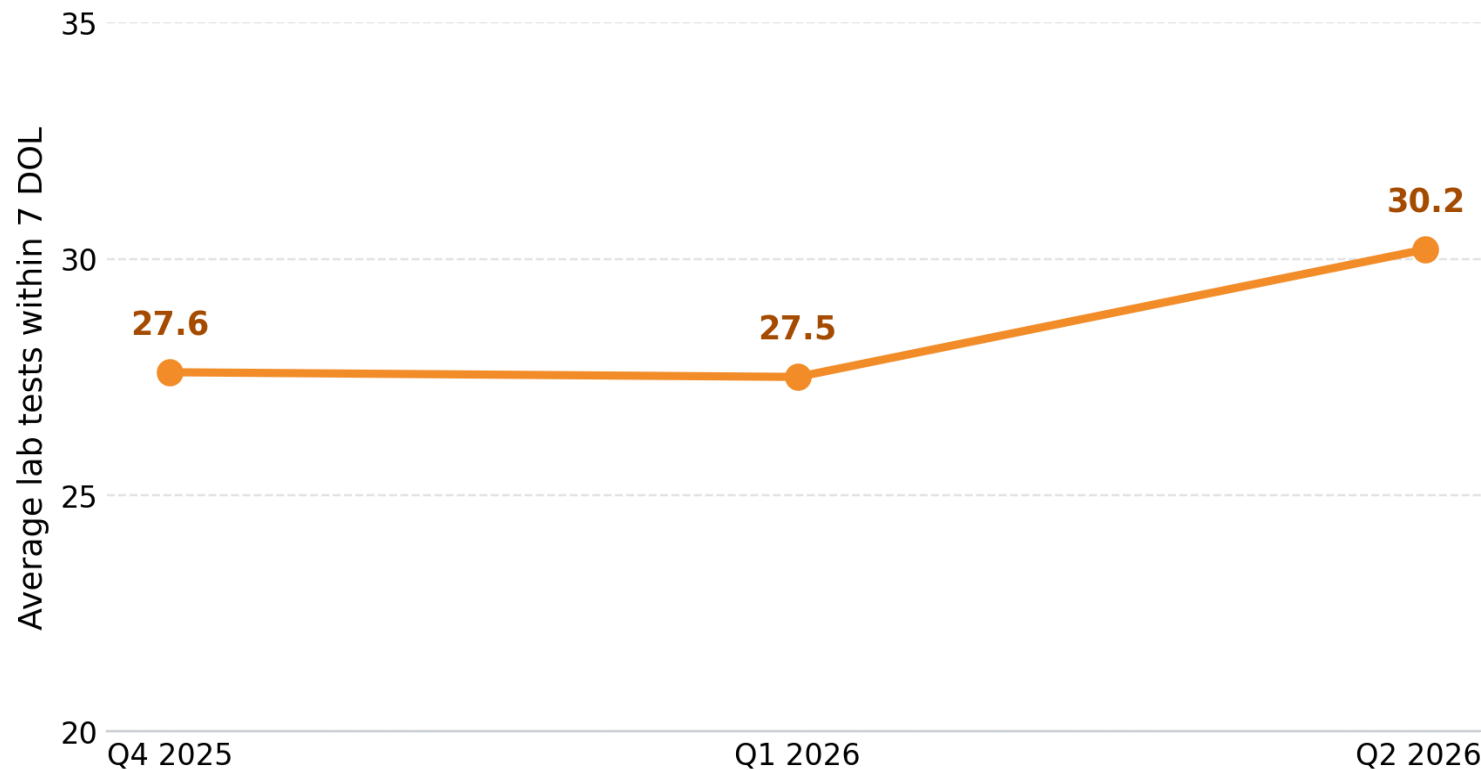


91%

Infants with No Documented
Skin Injury

Lab Burden Has Not Improved Yet

Number of lab test results used as proxy of disruption to patient's environment and blood loss volume



30.2

Average Tests

Q2 2026

17.8

Chemistry Tests

Largest Component in Q2 2026

RESPONSE

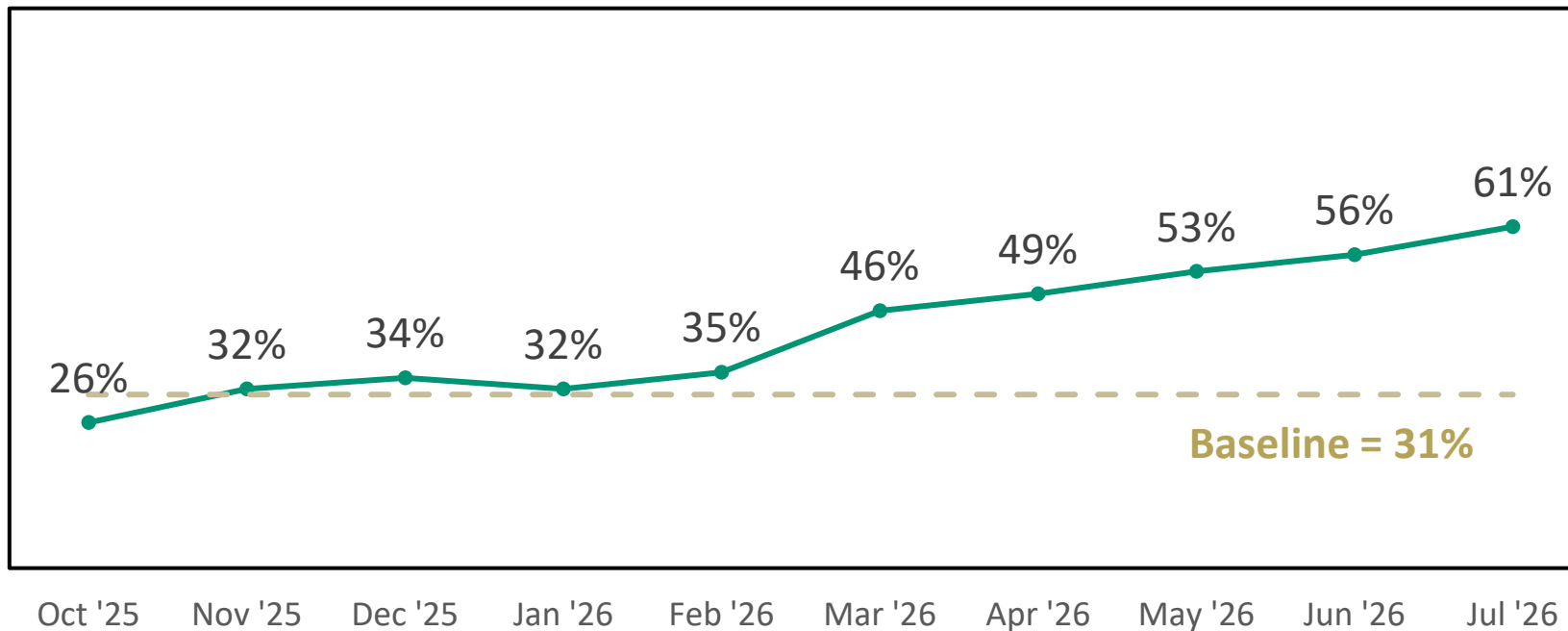
Positive Touch/Interactions

Are we consistently making efforts to reduce stress with nurturing touch, family participation, responsive feeding, and partnership?

Infant Stress Cue Education

By 6/2027, participating hospitals will achieve a **20% increase in families educated on recognizing and responding to infant stress cues.**

% of families trained on infant stress cues

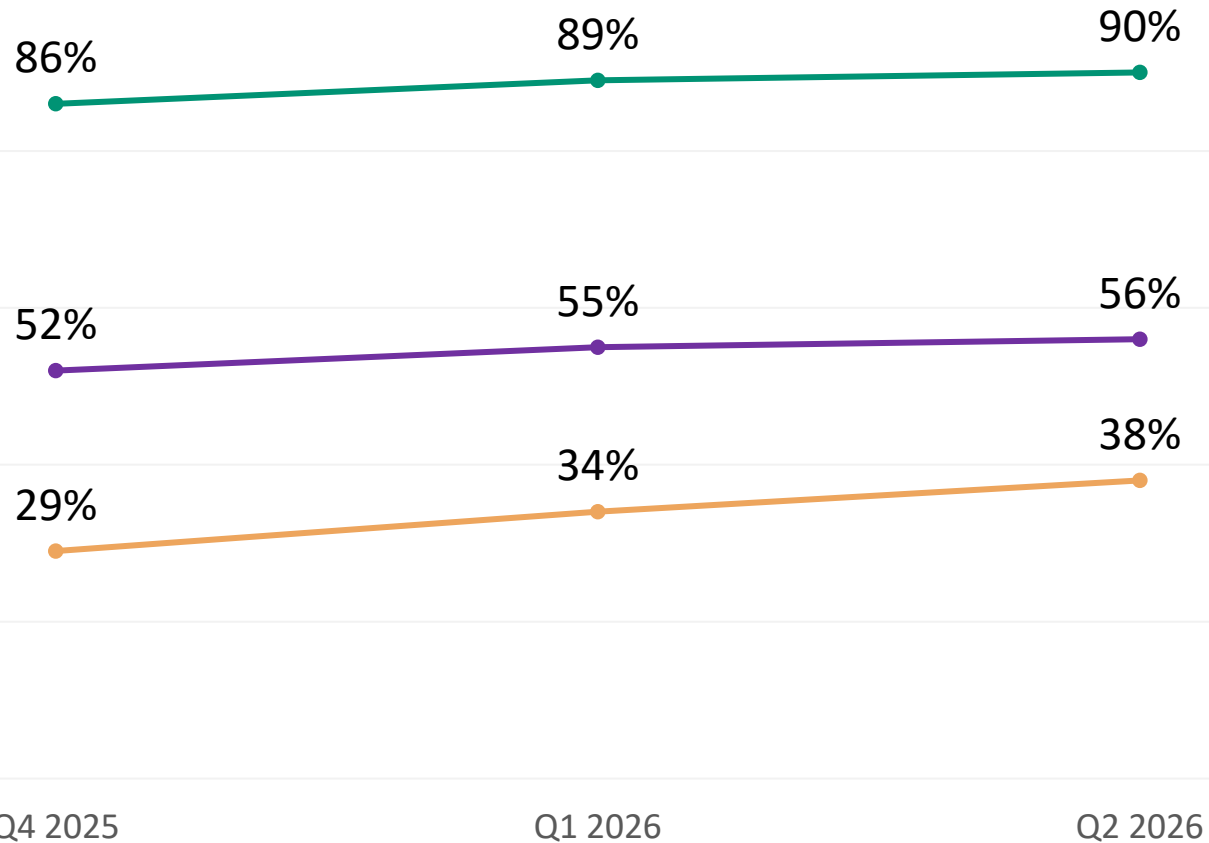


84%*

*most recent 3 months (57%) compared to baseline (31%)

Family Partnership is Expanding

— Parent-led first oral feeding — HRSN screening — Skin-to-skin care

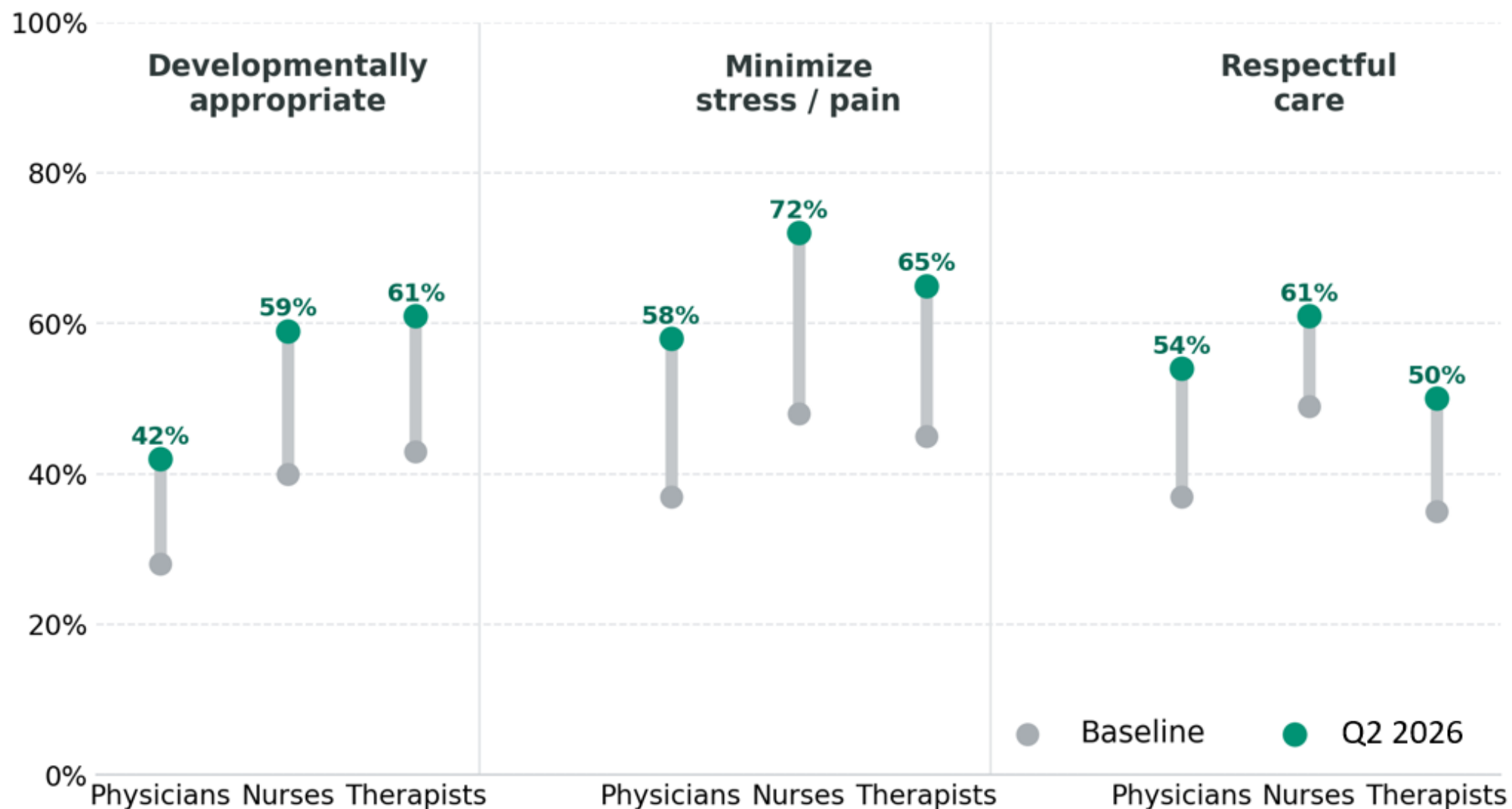


**HRSN Screening
Remains Strong**

+ 4% points
Early SSC Documented

+ 9% points
Parent-led First Oral Feeding

Training Improved Across Every Discipline & Domain



Let's Build on the Momentum...

Celebrate:

Cue Training Goal Met - Touch Domain 87% - Procedure Timeouts 85% - Staff Training Up Across Every Discipline

SENSORY ENVIRONMENT

- Scale reading / sound practices
- Continue unit-level sound monitoring
- Standardize use of validated positioning tool

NOXIOUS STIMULI

- Review chemistry panels, repeat draws, duplicative testing, consider placental draws

POSITIVE TOUCH / INTERACTIONS

- Involve fathers in training
- Build a plan for family presence in the first 7 DOL
- Review guidelines and procedures around skin-to-skin care

Partner with families. Make every interaction count.