

Oklahoma Statewide Needs Assessment of Neonatal Resuscitation Readiness

Sam Levin, MD

Background

- 1/3 of counties in the United States qualify as Maternity Care Deserts
- 48.1% of Oklahoma Counties qualify
- Neonatal Mortality is higher in rural vs. urban areas (3.8 vs. 3.3 deaths per 1000 live births)
- A survey was disseminated OPQIC Summit 2025 survey representatives from Oklahoma Delivery hospitals and Oklahoma Children's Transport team regarding the current Neonatal Resuscitation abilities & challenges

Community Hospital Responses

Figure 1: Highest Level of Newborn Care Available at Respondents' Facility

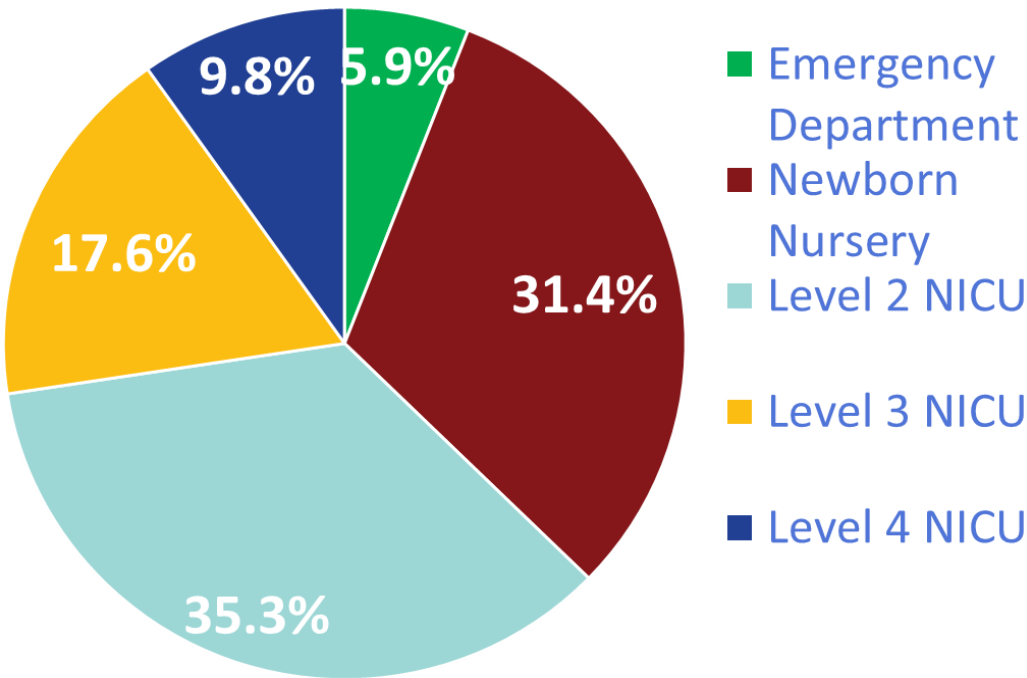
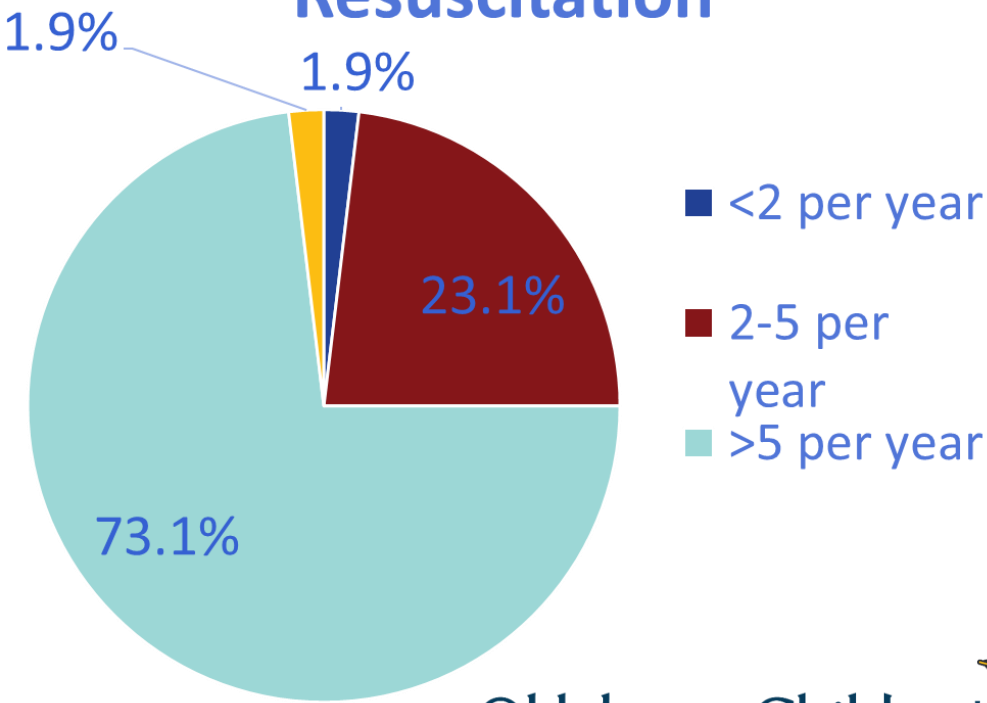


Figure 2: Frequency of Facility Neonatal Resuscitation



Community Hospital Responses

Figure 3: Neonatal Resuscitation Leader (Most Common Responses of Multiple Response Option)

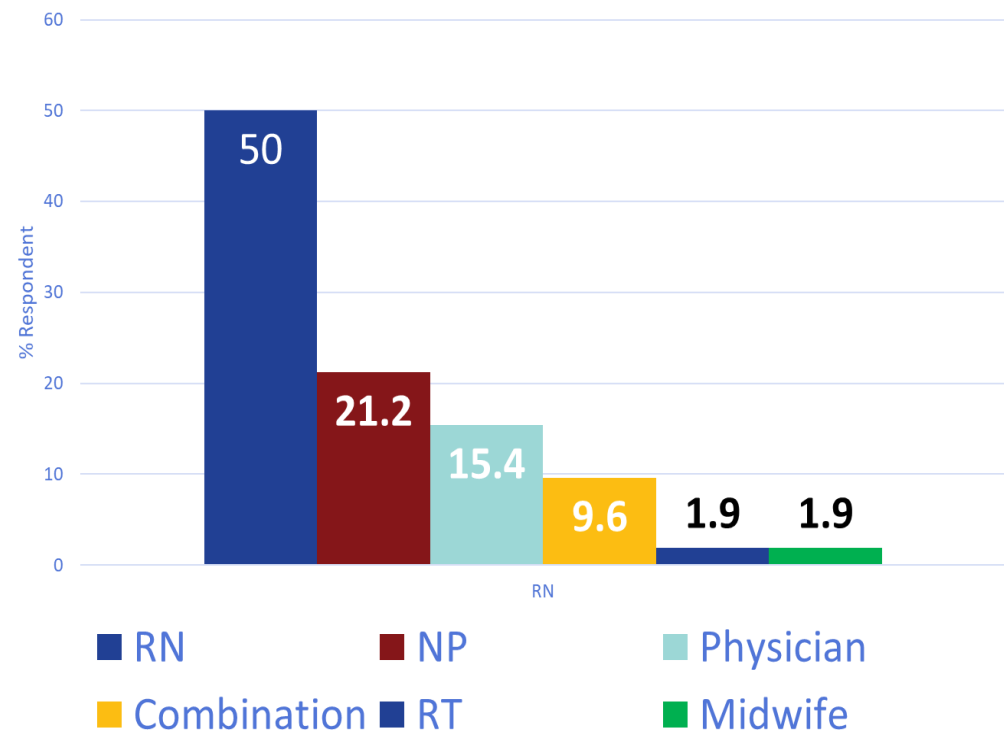
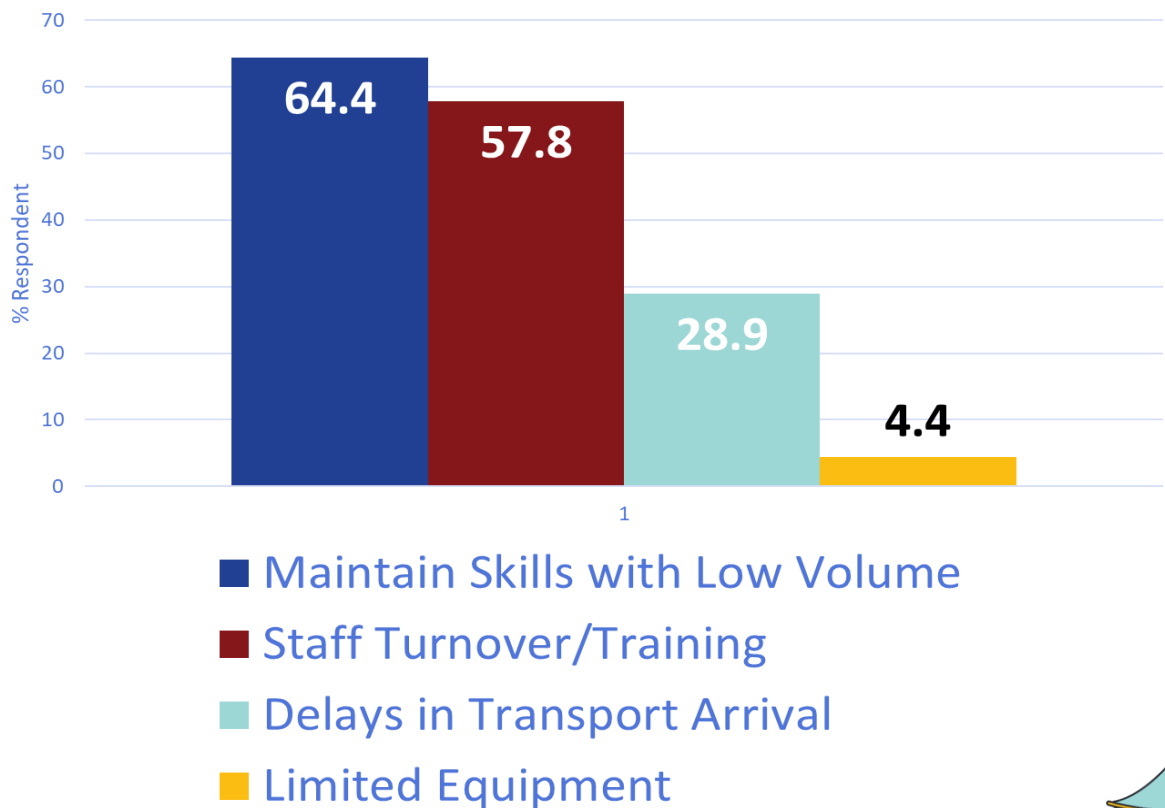
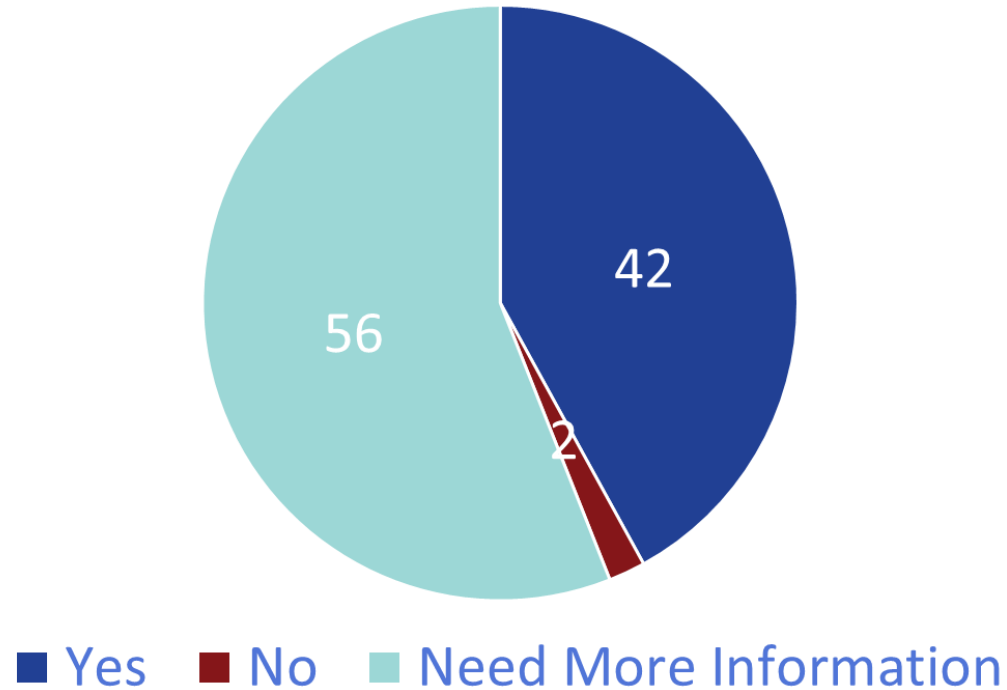


Figure 4: Challenges Faced (Multiple Response Option)



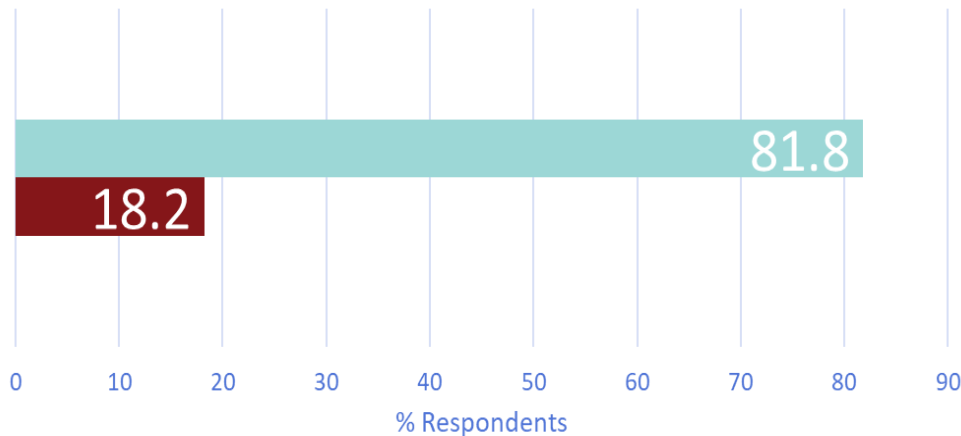
Community Hospital Responses

Figure 5: Willingness to Participate in Resuscitation Outreach Project (%)



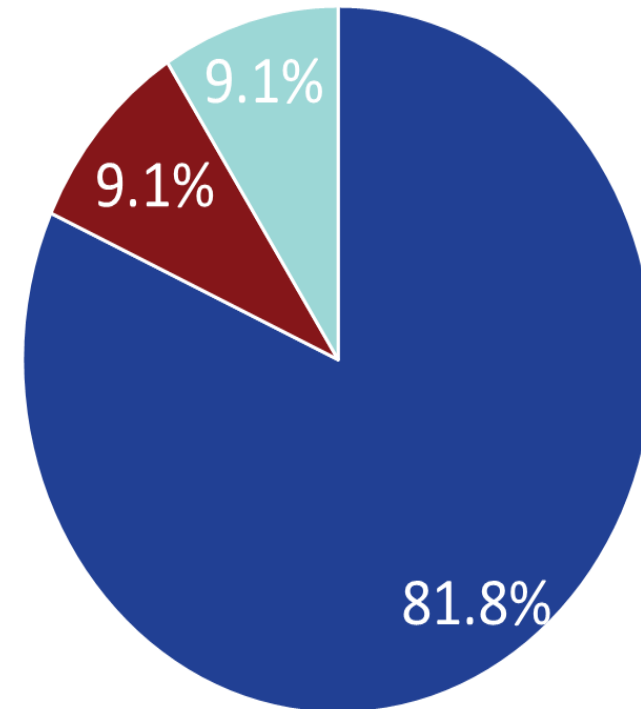
Transport Team Responses

Figure 6: Frequency of Additional Resuscitation Upon Arrival by Transport Team



Almost Always Often
Sometimes Rarely

Figure 7: Could Outreach Reduce Transfer to Higher Care?



Yes No Unsure

Where do we go from here?

- Outreach
- Feedback on transferred newborns
- Tracking of transfers
- LMA support & training
- Apps to aid decision making and call initiation to higher centers
- Simulation
- Tele-resuscitation
- Tele-simulation
- Workshops
- State Level Work Groups

OPQIC Neonatal Work Group

- OPQIC is adding additional focus groups to concentrate on needs of Perinatal services in Oklahoma
- If you are interested in being part of the OPQIC Neonatal Work Group, please contact:

Sam Levin, MD: Samuel-Levin@ou.edu

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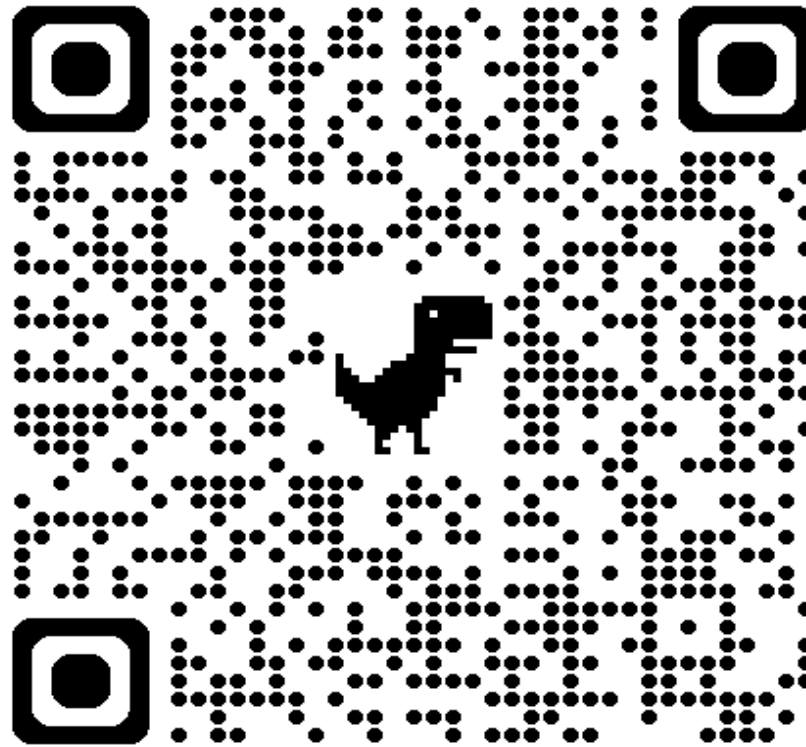
Oklahoma Neonatal Resuscitation Needs Assessment

Please complete the survey
if you did not last year.

Please share with your
colleagues at your home
institute.

Do not respond if you have
already done so.

[https://forms.gle/J1yMLV3r
Shp8TZn86](https://forms.gle/J1yMLV3rShp8TZn86)



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