



Neonatal Opioid Withdrawal Syndrome Initiative

Action Period Call
June 28, 2023
12:00 – 1:00 PM CT








Welcome

- Please type your **name** and **organization** you represent in the chat box and send to "Everyone."
- Please click on the three dots in the upper right corner of your Zoom image, click "Rename" and put your name and organization.
- Please also do for all those in the room with you viewing the webinar.
- Attendees are automatically muted to reduce background noise.
- You may enter questions/comments in the "chat" box during the presentation. We will have a Q&A session at the end.
- Slides will be available via email and at <http://www.alpqc.org/initiatives/nows>
- We will be recording this call to share, along with any slides.



Agenda



Welcome & Updates Upcoming Initiatives		12:00 – 12:10
Data Overview		12:10 – 12:20
Team Share/Q&A Madison Hospital		12:20 – 12:35
Breakout Rooms & Jamboard Session Initiative Sustainability Help Us Help You		12:35 – 12:55
Next Steps & Reminders		12:55 – 1:00

Updates

Welcome new member of the team!
Lora Ham, MSN, RN
Quality Improvement RN





Updates

Updates



- Monthly 1:1 sessions with ALPQC Quality Improvement RN now available
 - Hospital teams should email Lham17@uab.edu to schedule
- Steering Committee Re-launch at the ALPQC Summit
 - Look for email invitation and application prior to the September Summit
 - Hospital representatives are invited to join and serve on the Hospital Advisory Group or any subcommittees or workgroups
- Survey of next round projects coming soon
- Newly created flyer for MOUD and Narcan is awaiting final approval for distribution
- Sign up for [hospital team share](#)
- Summit will be in Montgomery on September 20th, 2023



NOWS Data Update

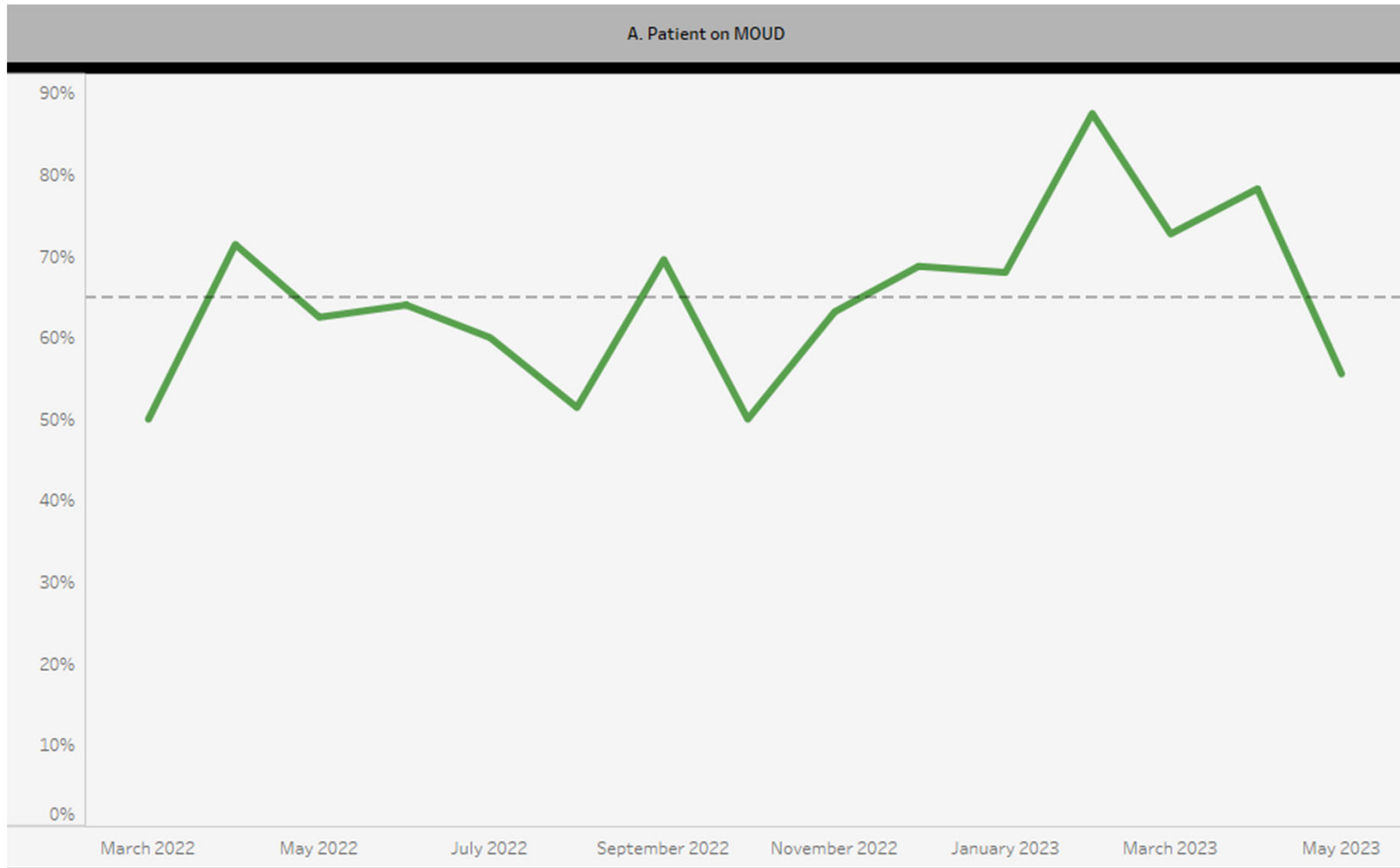
		Measures	All Initiative Hospitals (Average)
Data	Obstetrical	OB A: Patient on MOUD (% yes)	65.03 %
		OB B: Referred to addiction services (% yes)	73.86 %
		OB C: Narcan counseling documented (% yes)	26.80 %
	Neonatal	Neo A: Evidence of opioid withdrawal	88.24 %
		Neo B: Non-pharm guideline consistently used (% yes)	96.41 %
		Neo C: Infant received pharm care (% yes)	44.44 %
		Neo D: # Days of pharmacologic care (days)	6.81 days
		Neo E: # Days old at discharge - Length of stay (days)	13.07 days
		Neo F: Collaborative Discharge Plan completed (% yes)	86.60 %
		Neo G: # Days old when transferred (days)	0.12 days
		Neo H: Readmission within 10 days (% yes)	1.31 %



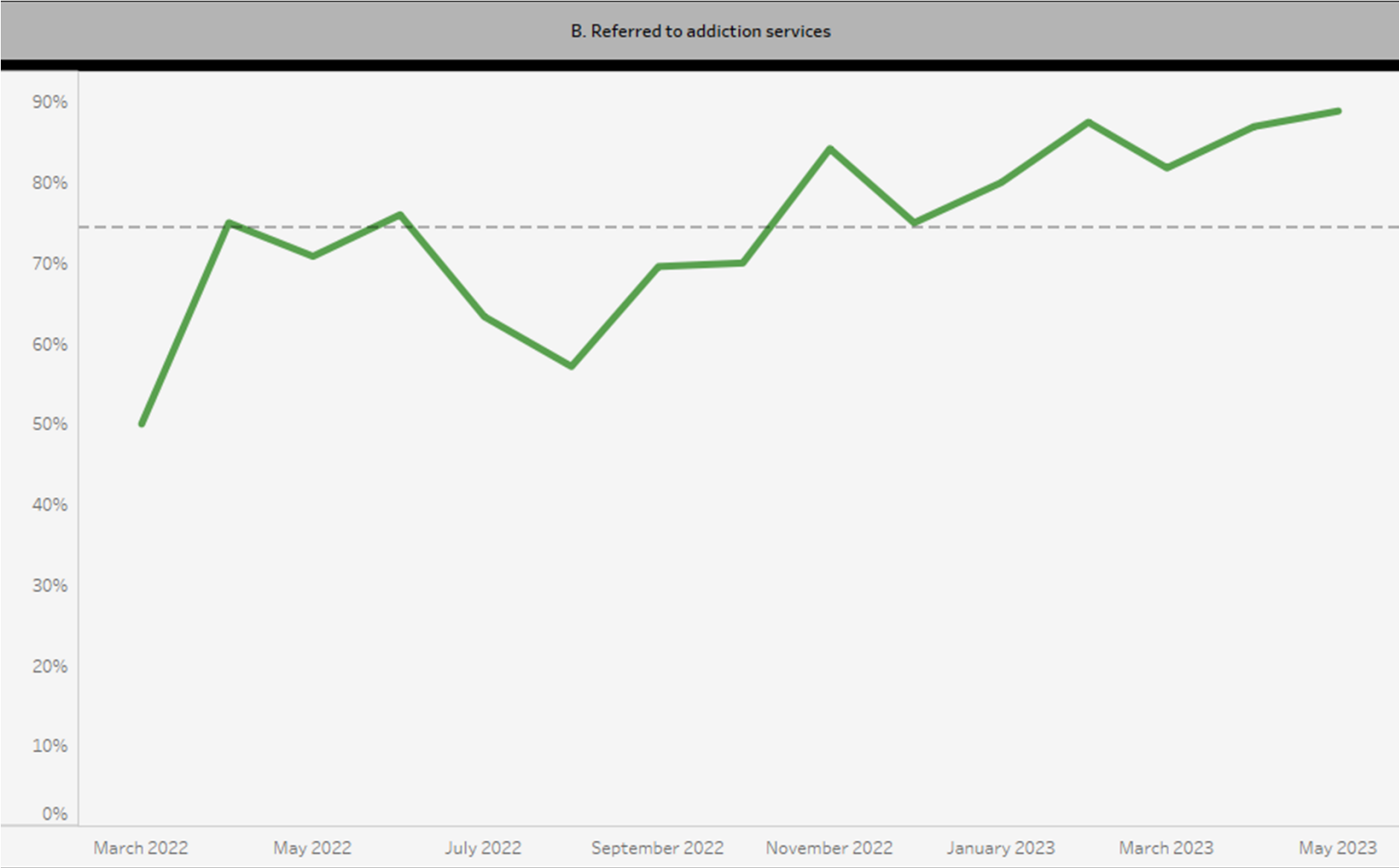
Data Update

Obstetric Measures

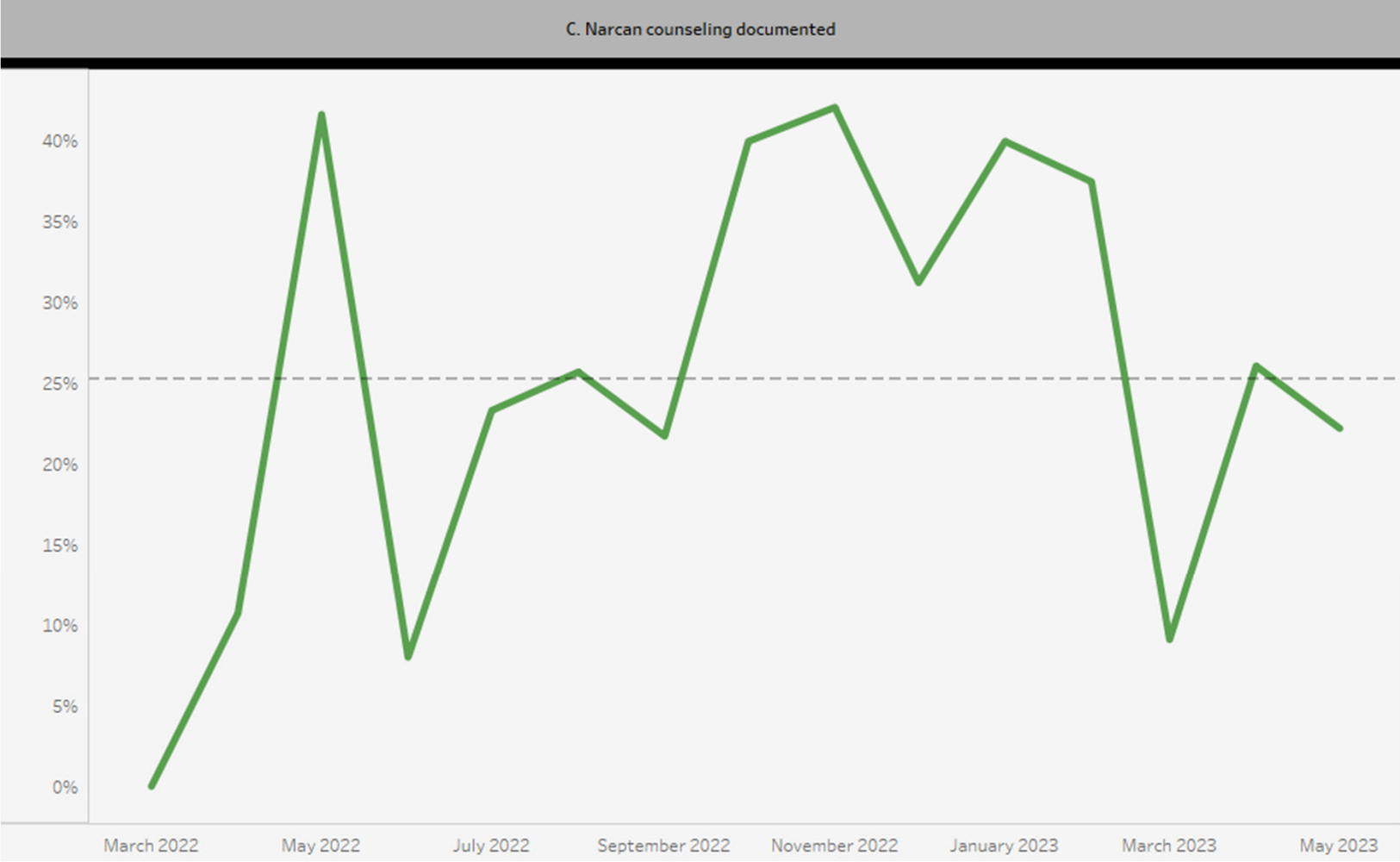
Medication for OUD



Addiction Services



Narcan Counseling

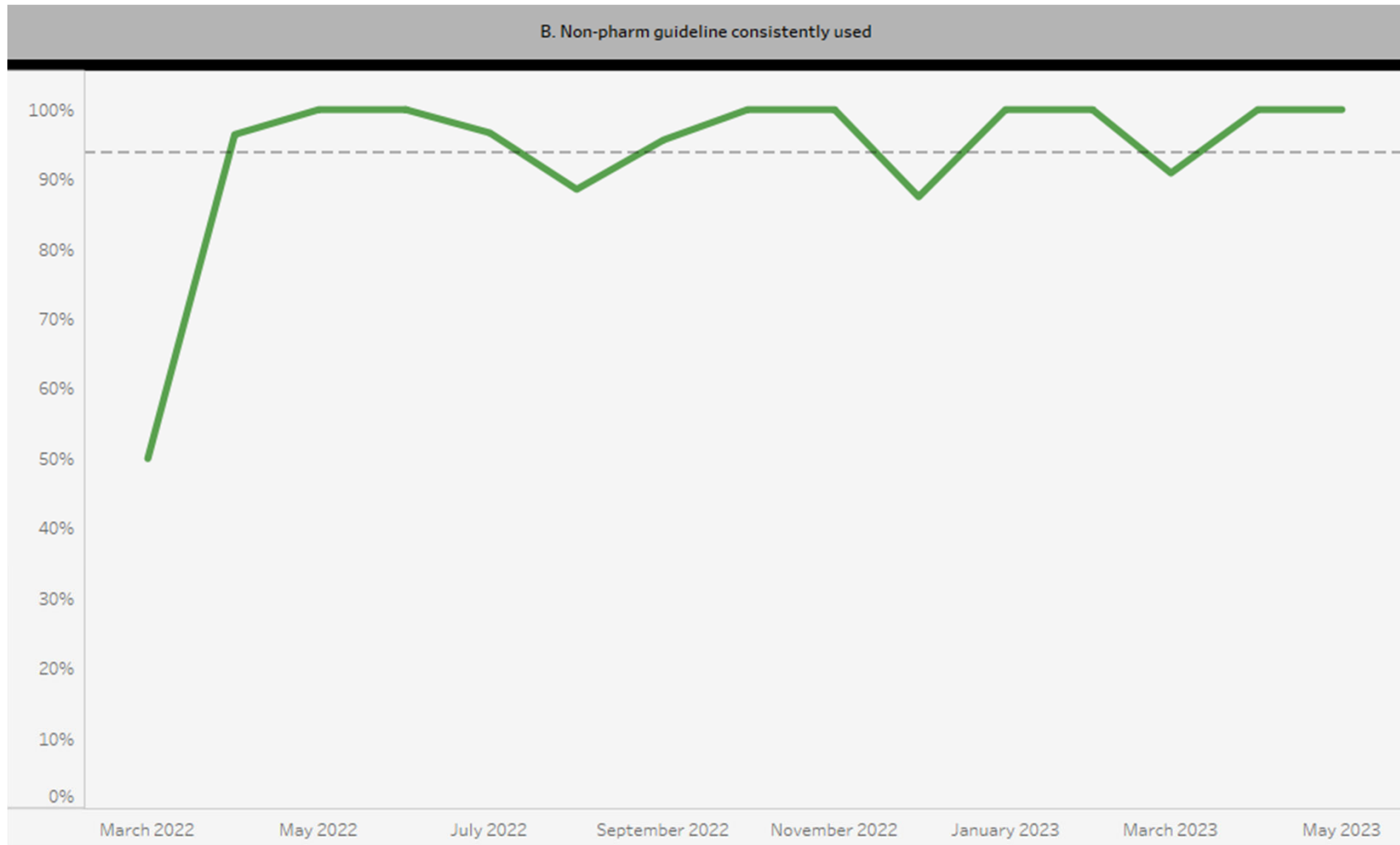




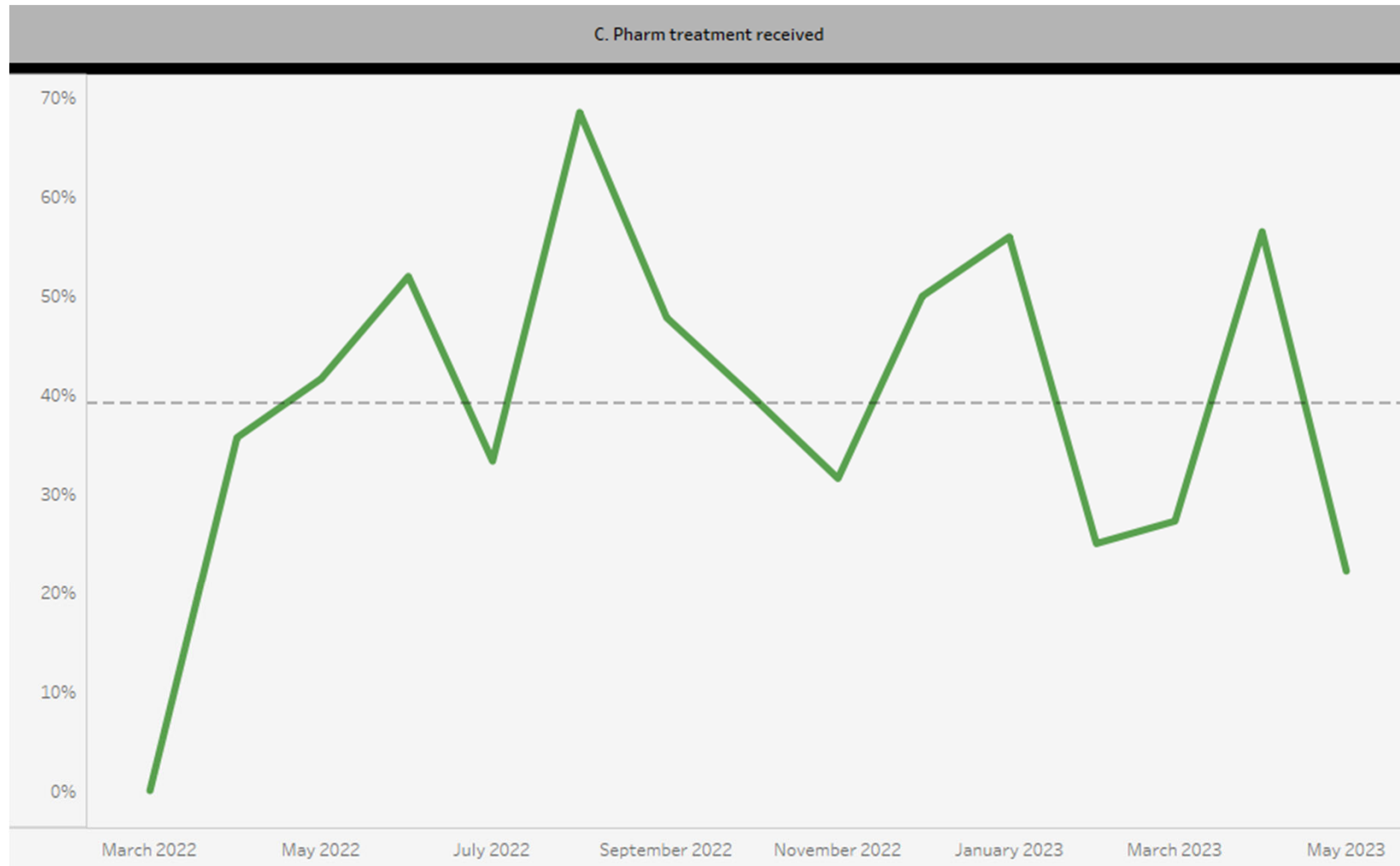
Data Update

Neo Measures

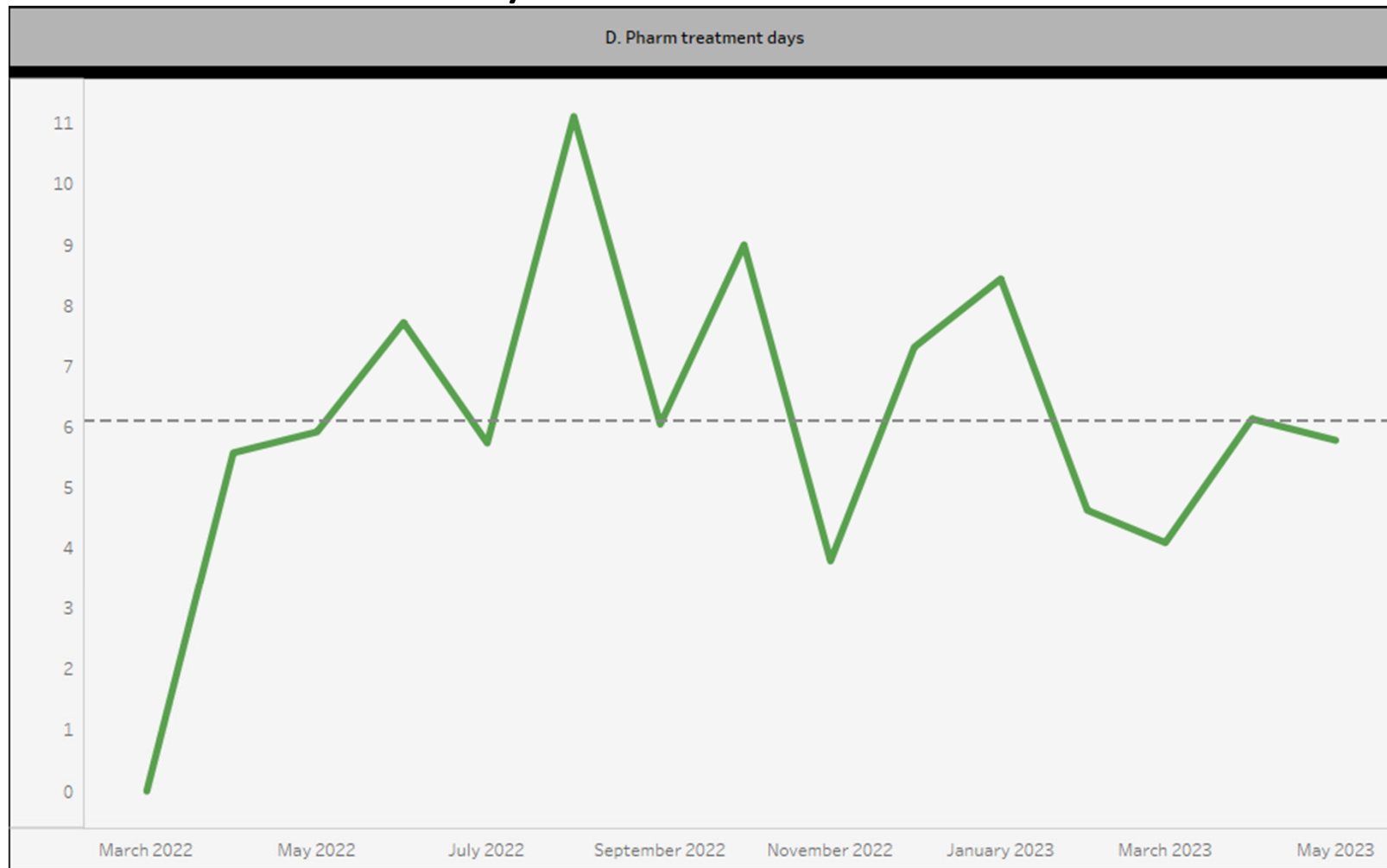
Non-Pharm Care



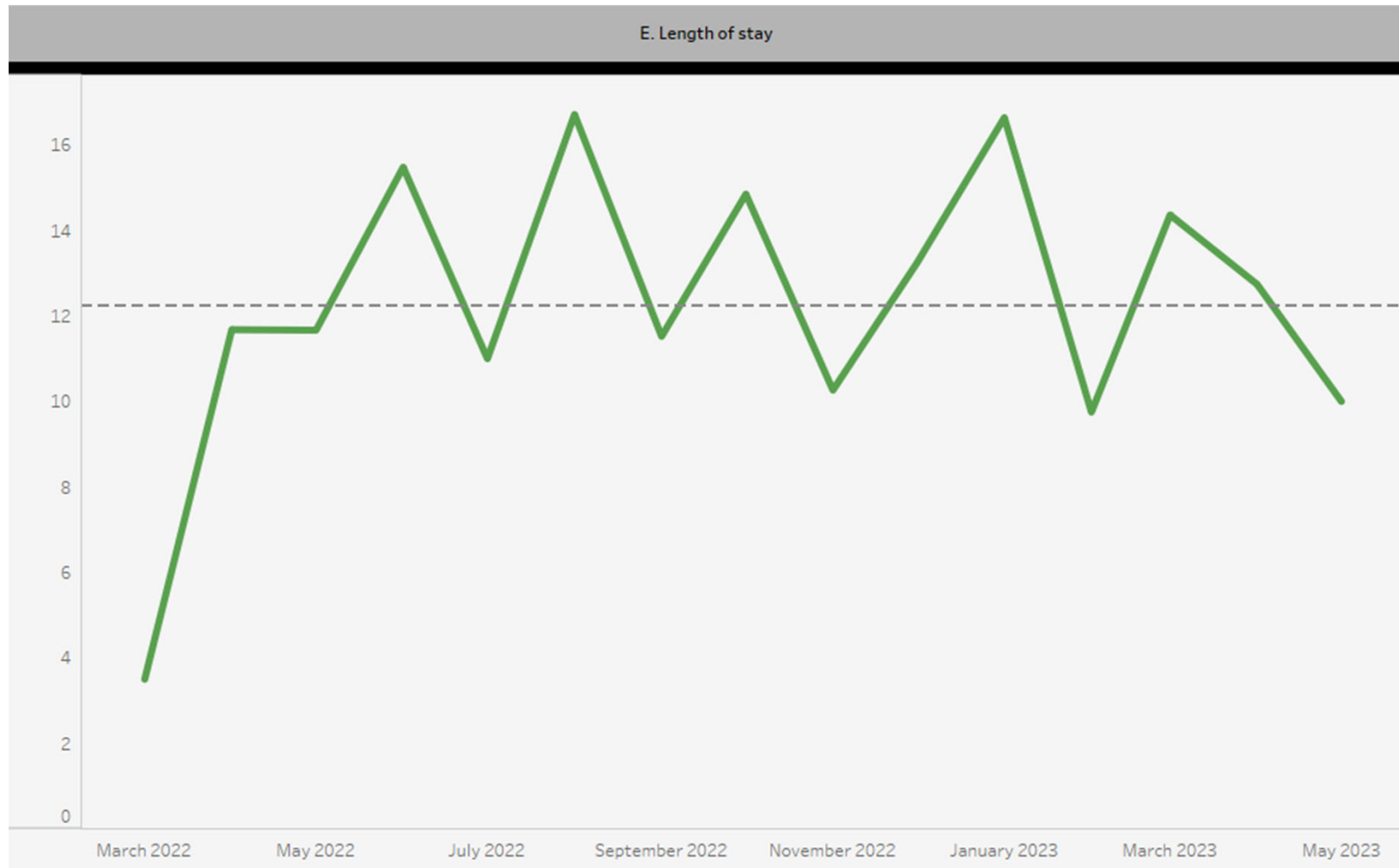
Pharm Treatment



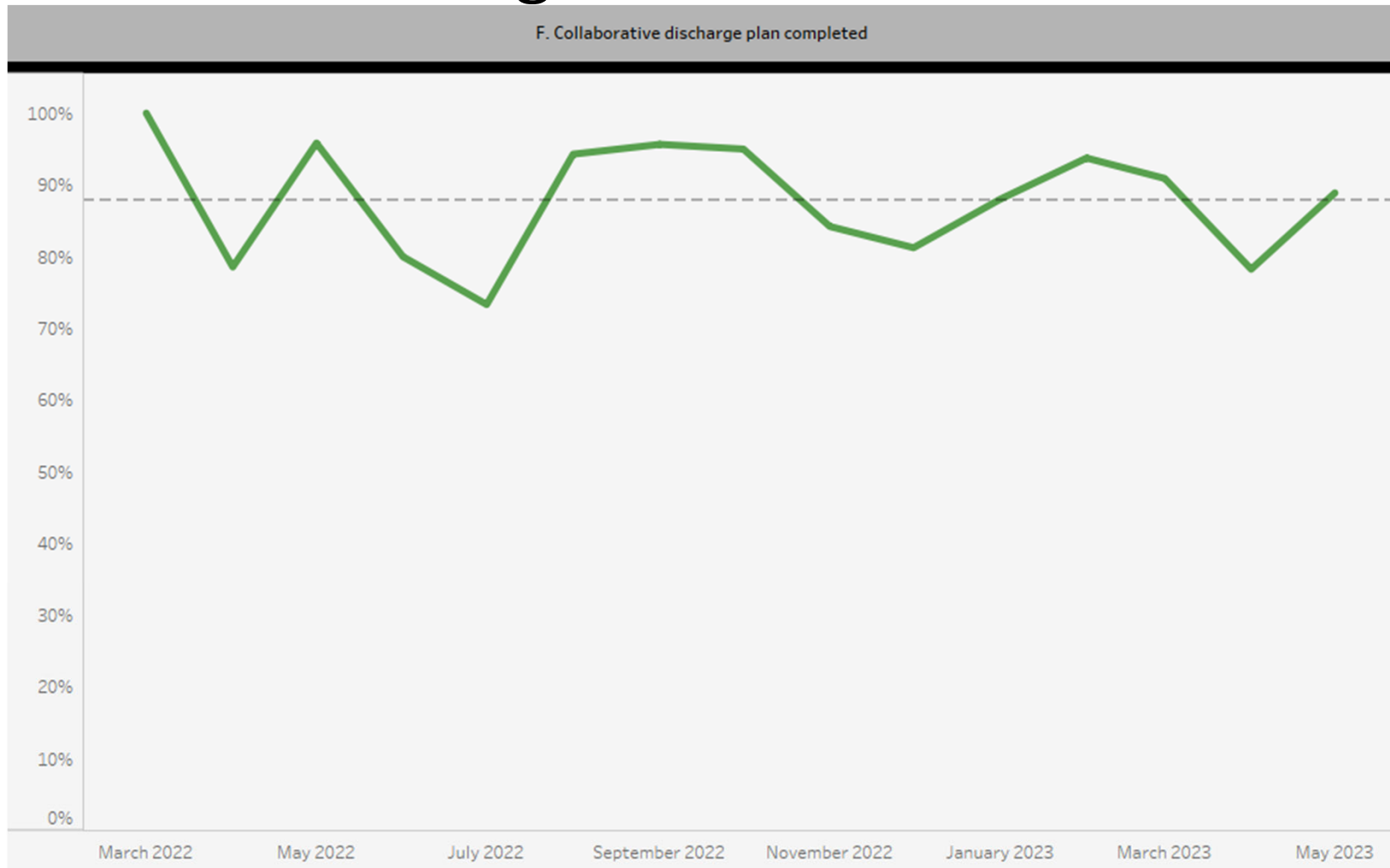
Pharm Treatment Days



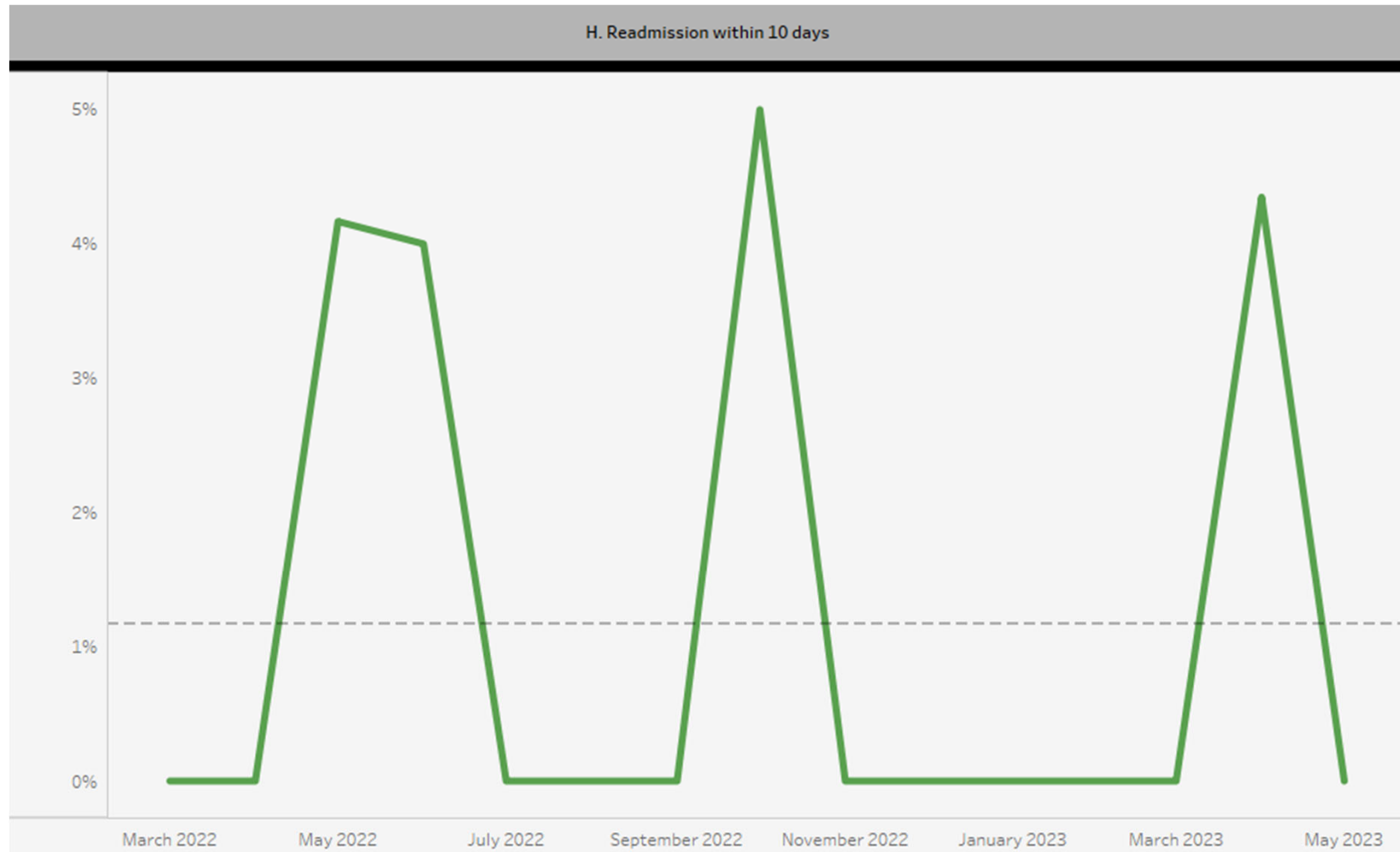
Length of Stay



Collaborative Discharge Plan



Readmission





Data Update

Structural Measures

Structural Measures

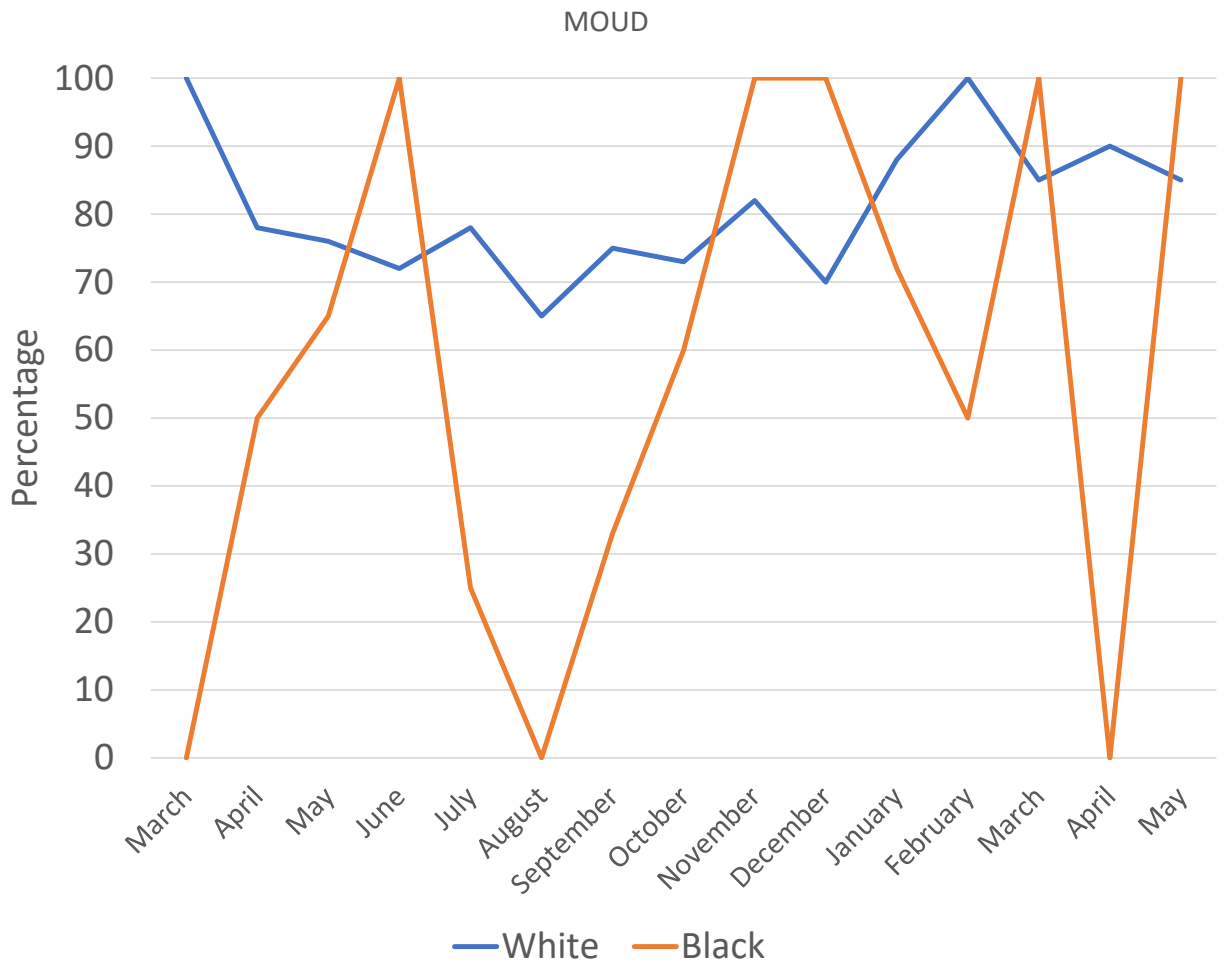
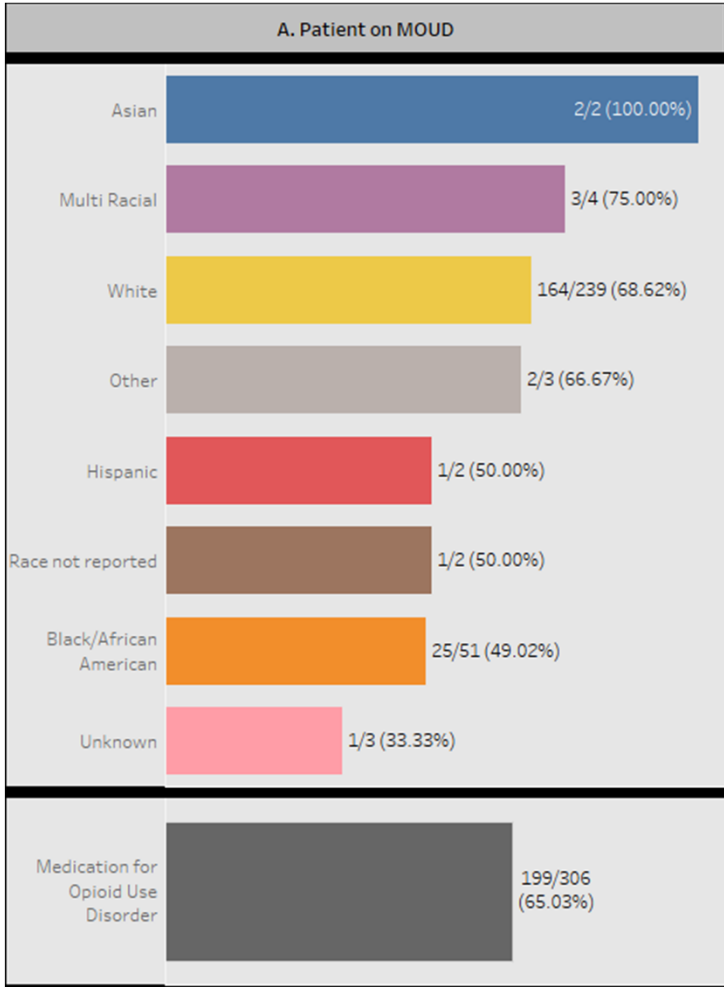
Implemented educational practices for staff scoring OEN	Not Participat	5 (In place)	5 (In progress)	6 (Not Started)
Implemented staff education for reducing stigma related to Opioid Exposed Newborns (OEN)	Not Participat	5 (In place)	5 (In progress)	6 (Not Started)
Implemented standarized non-pharmacologic guidelines for OEN	Not Participat	7 (In place)	3 (In progress)	6 (Not Started)
Implemented standarized pharamacologic guidelines for infants with NOWS	Not Participat	7 (In place)	3 (In progress)	6 (Not Started)
Implemented standarized practices for when to transfer infants with NOWS to higher level of care	Not Participat	7 (In place)	3 (In progress)	6 (Not Started)
Implemented standarized protocols for Collaborative Discharge Plan for mothers and infants	Not Participat	3 (In place)	7 (In progress)	6 (Not Started)



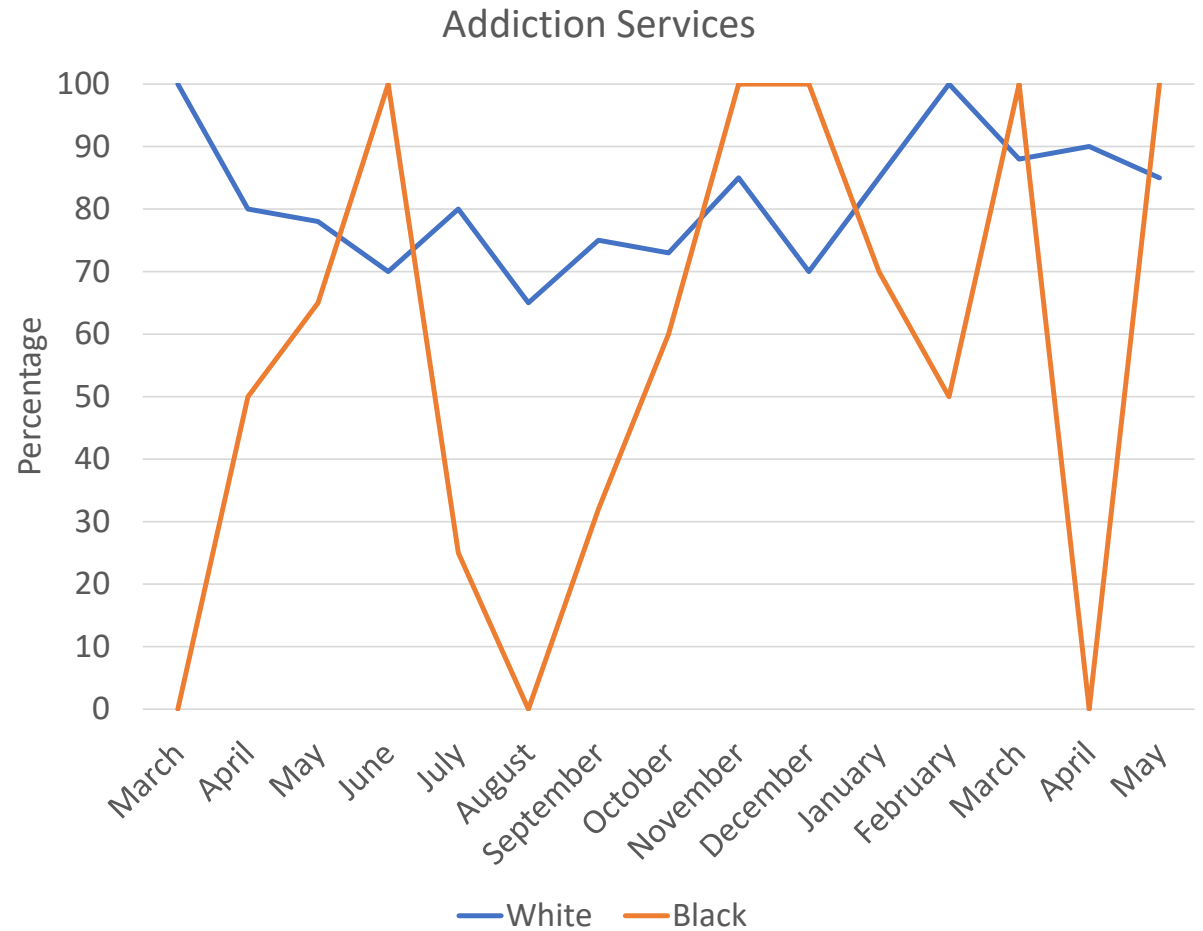
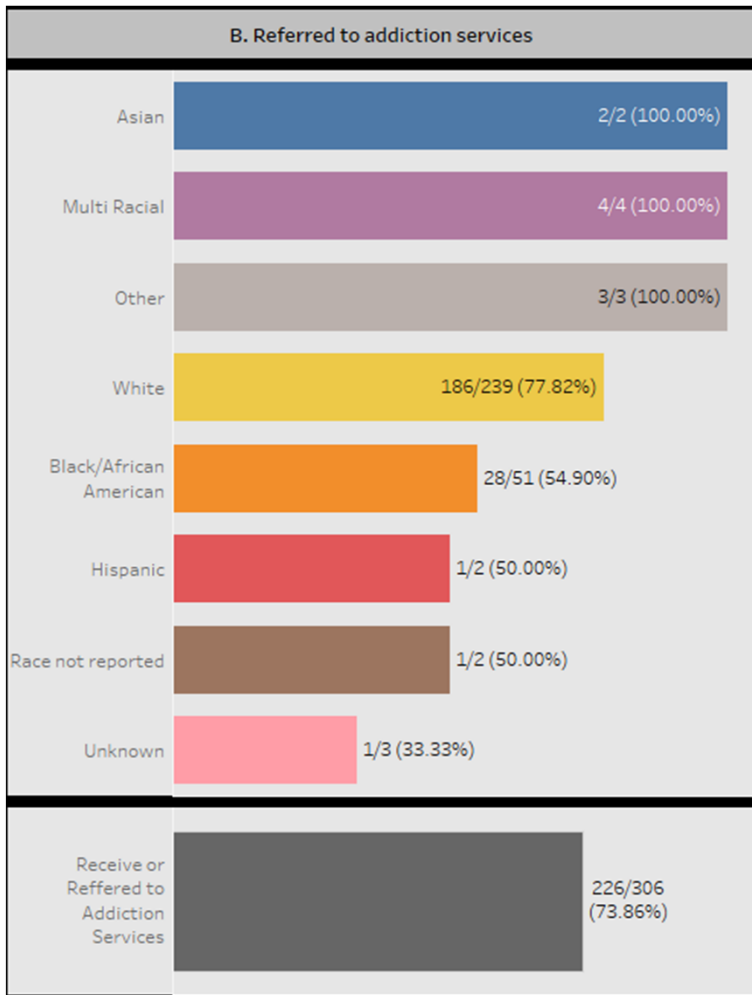
Data Update

Race / Ethnicity Data

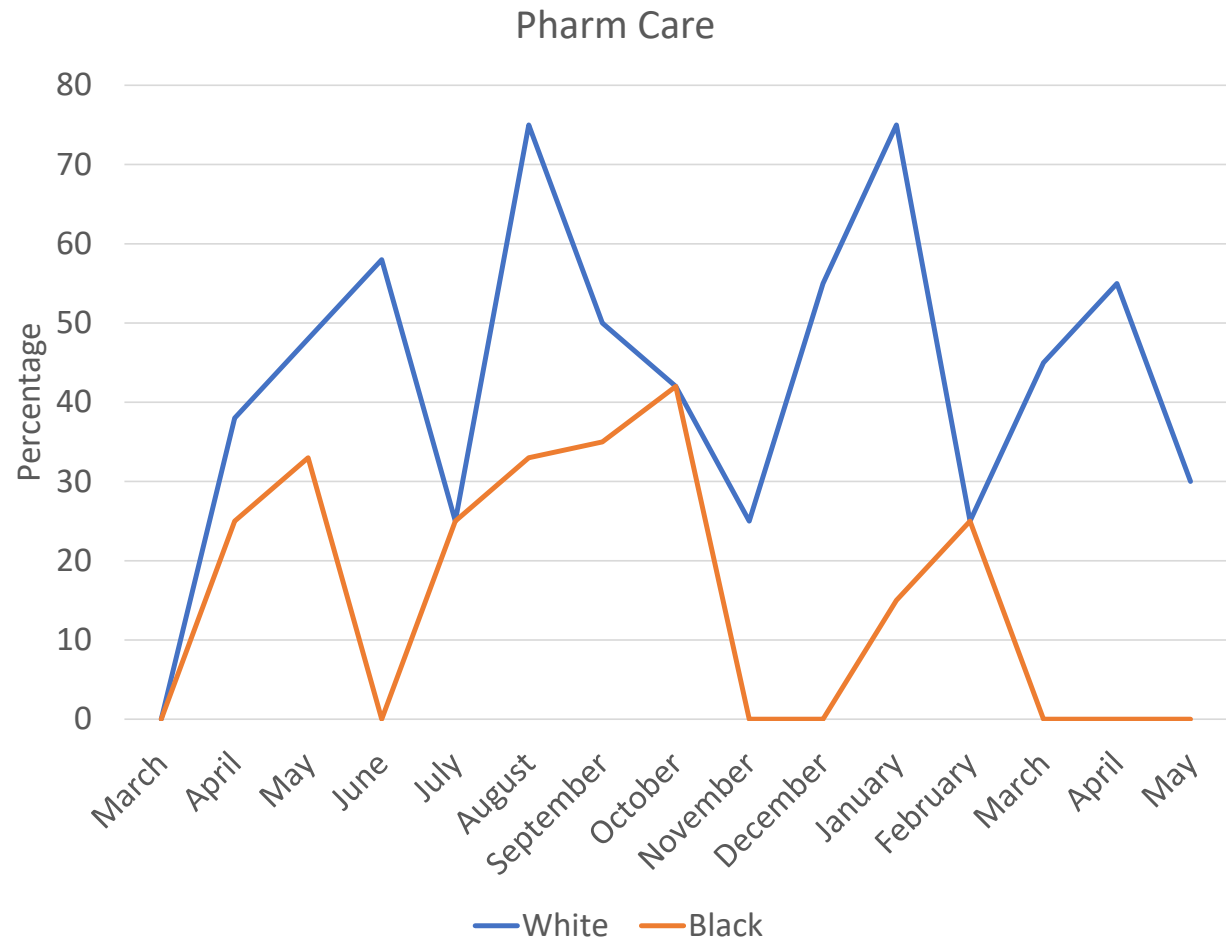
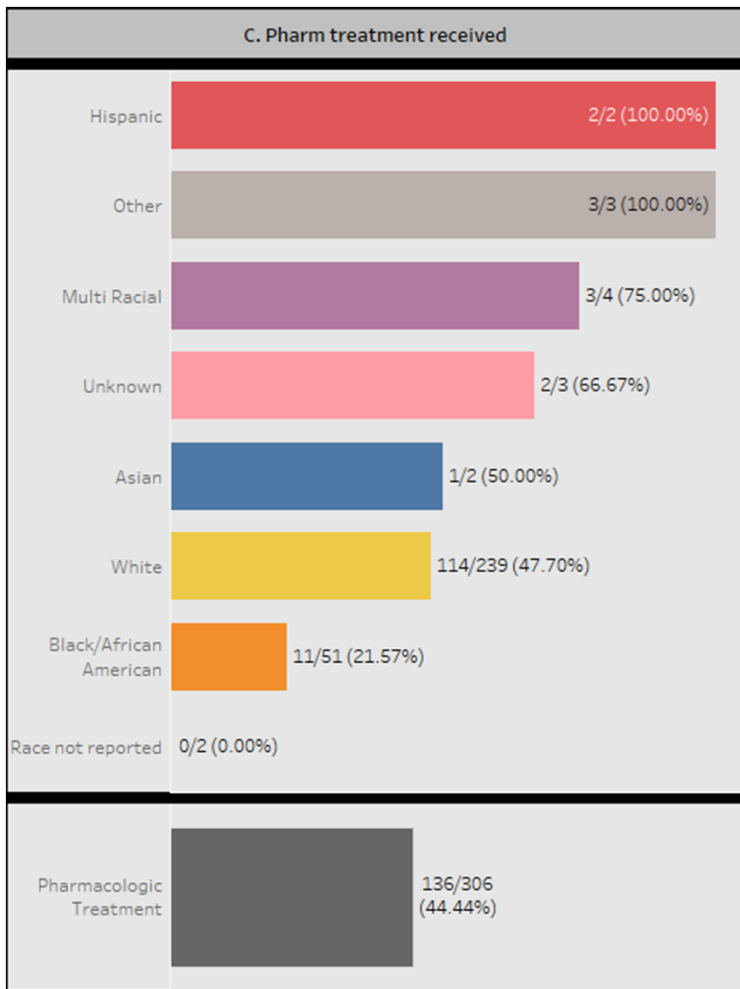
Medication for Opioid Use Disorder



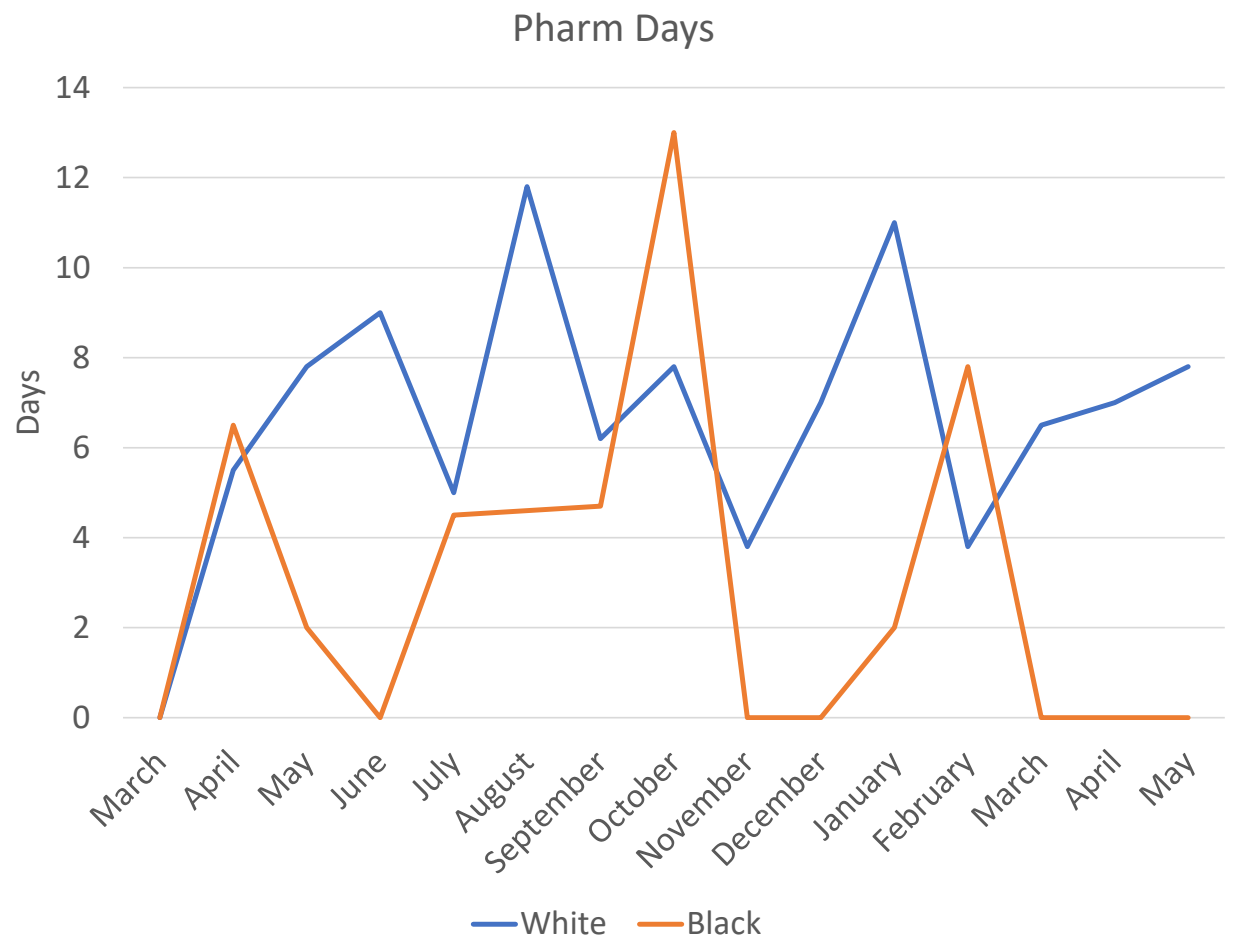
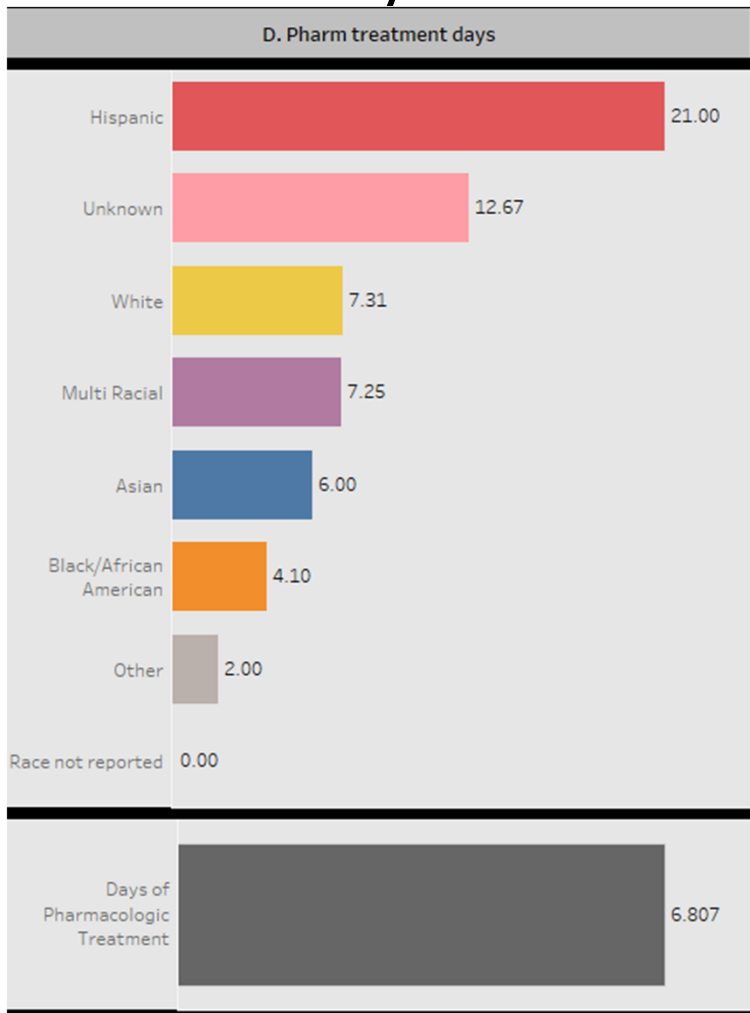
Addiction Services



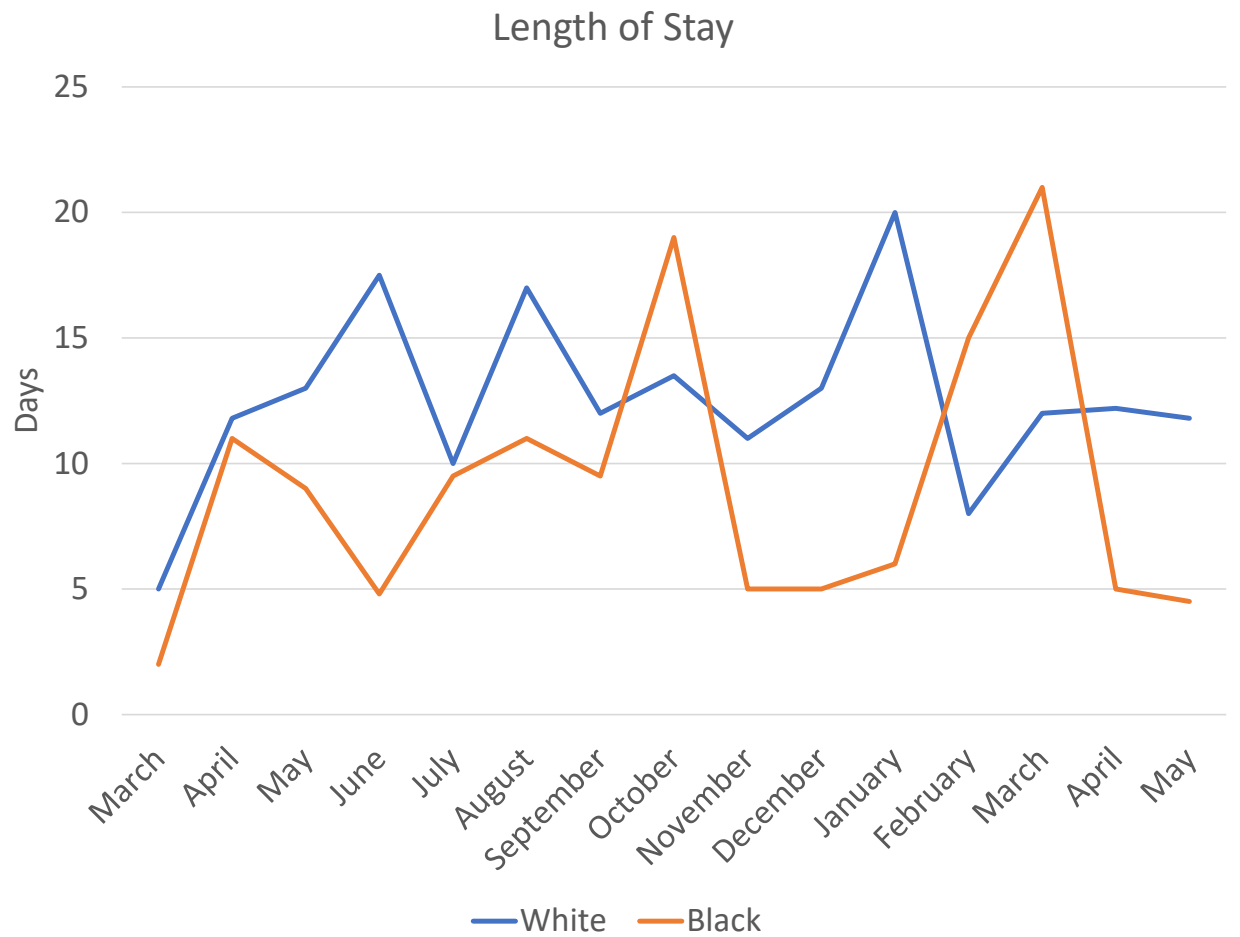
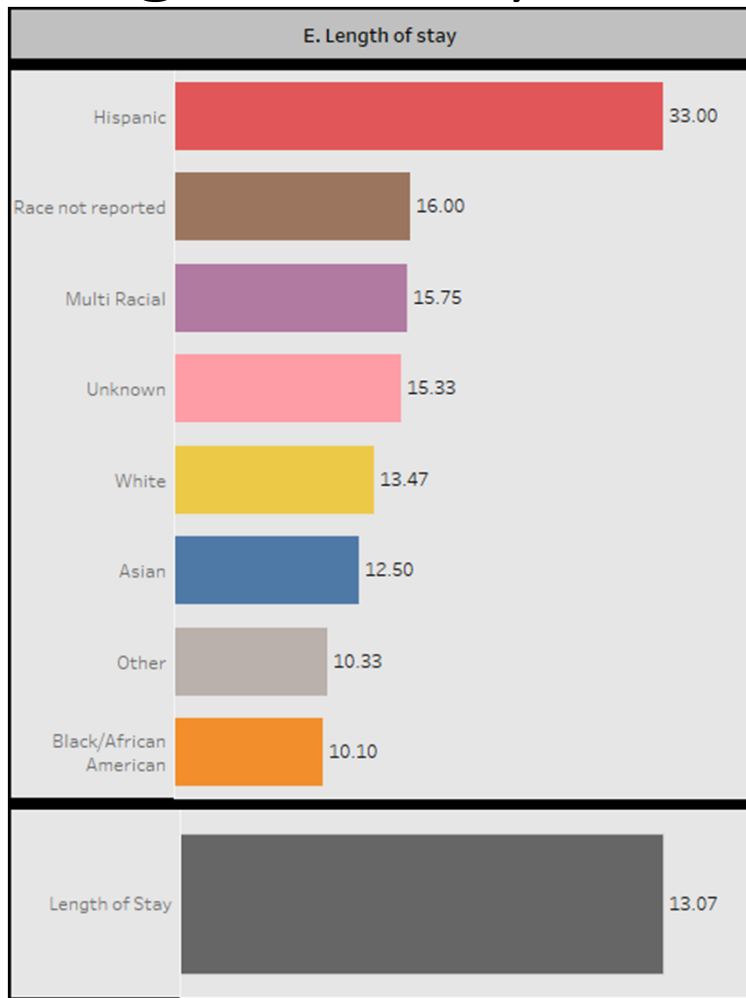
Pharm Care



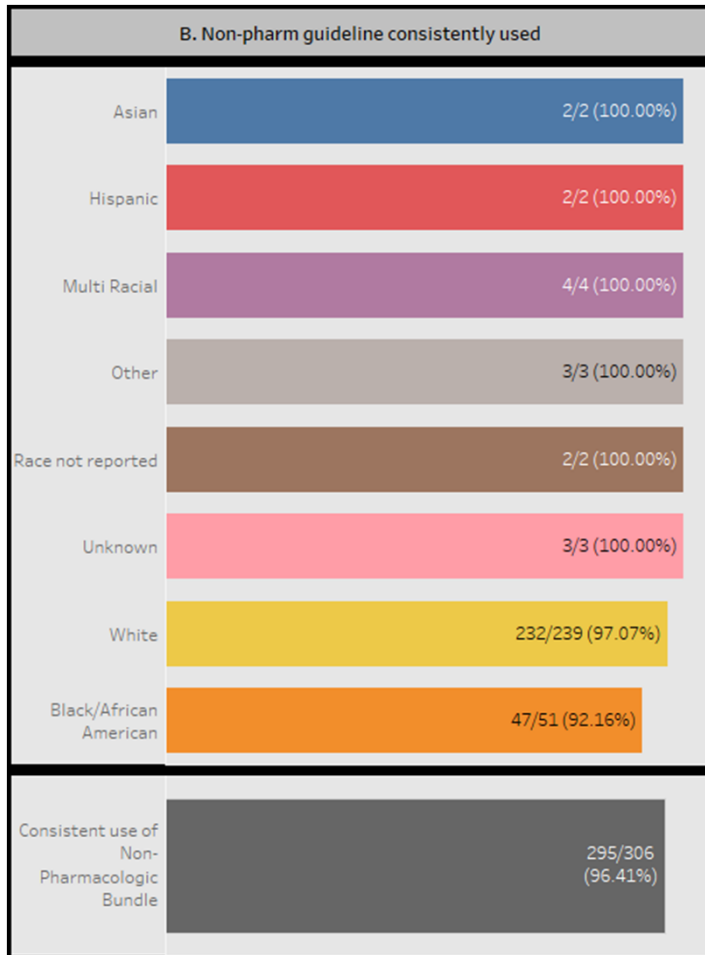
Pharm Days



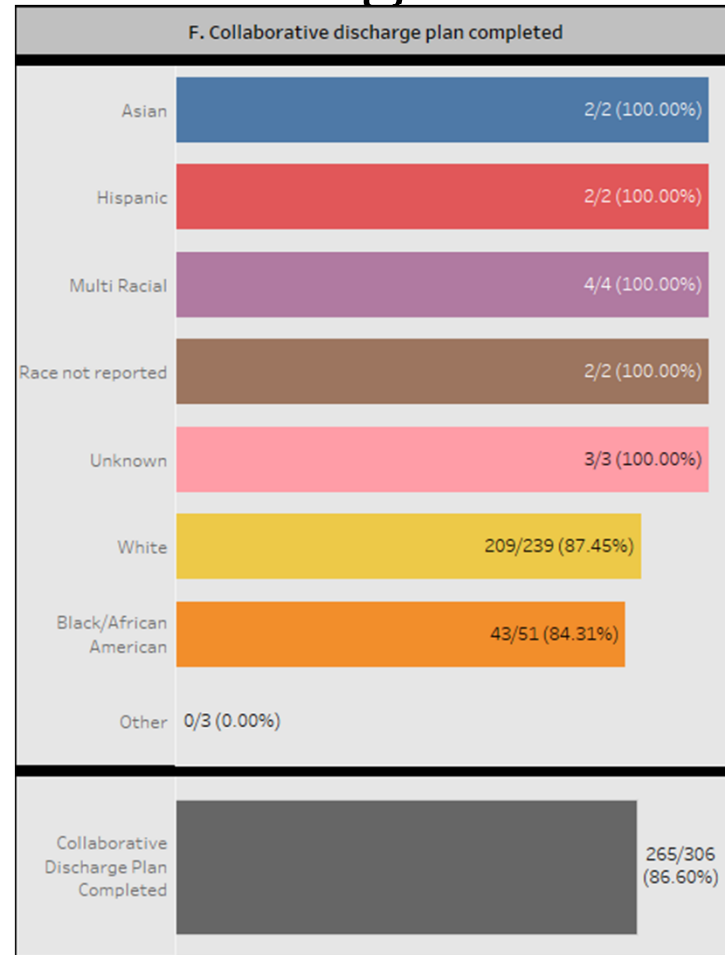
Length of Stay

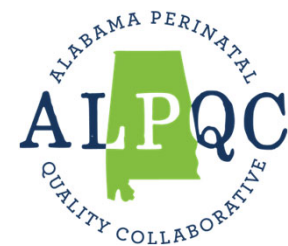


Non-Pharm Care



Collaborative Discharge Plan





Hospital Share

Madison Hospital



Madison Hospital

Amanda Eaker, RNC, MSN





About Madison Hospital

- Madison, Alabama
- Rural community with a population of 122,000
- Serve Madison, Morgan, and Limestone counties
- 1,300-1,500 births per year
- 6 OB providers, 6 Neonatologist, 3 Neonatal Nurse Practitioner, 6 IBCLCs
- BFUSA Designated since 2016



NOWS Timeline (Successes)

- Prior to 2017, all NAS babies stayed with mom for the first 48 hours. At 48 hours, they were admitted to the nursery where they were scored using the Finnegan Scoring Tool q 3 hours. Most babies were on scheduled Morphine by day 3 with an Average Length of Stay of 21 days.
- Late 2017/ Early 2018- began rooming-in and use of the Simplified FNAS tool. Still scoring every 3 hours. We did decrease the number of babies that came to the nursery, but once baby was admitted to the nursery based on score they were placed on scheduled Morphine.

Simplification of the Finnegan Neonatal Abstinence Scoring System: retrospective study of two institutions in the USA

Enrique Gomez Pomar,¹ Loretta P Finnegan,² Lori Devlin,³ Henrietta Bada,¹ Vanessa A Concina,¹ Katrina T Ibonia,¹ Philip M Westgate⁴

Rooming-In to Treat Neonatal Abstinence Syndrome: Improved Family-Centered Care at Lower Cost

Alison Volpe Holmes, MD, MPH,^{a,b,c} Emily C. Atwood,^a Bonny Whalen, MD,^{a,b} Johanna Beliveau, RN, MBA,^b J. Dean Jarvis, RN, MBA,^b John C. Matulis, DO, MPH,^d Shawn L. Ralston, MD^{b,d}

- Summer of 2018- began using ESC scoring tool. Rooming-in and ability to provide one time dosing of Morphine. Average length of stay dropped to 5 days!

An Initiative to Improve the Quality of Care of Infants With Neonatal Abstinence Syndrome

Matthew R. Grossman, MD,^a Adam K. Berkowitz, MD,^a Rachel R. Osborn, MD,^a Yaqing Xu, MS,^b Denise A. Esserman, PhD,^b Eugene D. Shapiro, MD,^{a,c} Matthew J. Bizzarro, MD^a



Success cont.

- 2020- Revamped program with W&C. Created First Instructions, Discharge Instructions, and Parent Agreement (guidelines for rooming-in)
- Additional staff education- CBL, Show and Go learning

NOWS *First Instructions*

During pregnancy, medications that a mother takes can cross the placenta and enter a baby's bloodstream. When a baby is born, he or she is no longer exposed to the medication, but may still be dependent on the drug. This can lead to a group of problems known as Neonatal Opioid Withdrawal Syndrome. Signs and symptoms include:

- trouble sleeping
- increased muscle tone
- tremors and/or irritability
- poor feeding
- vomiting and diarrhea
- sweating
- increased respirations
- fever
- other nervous system disturbances

NOWS *Rooming-In Agreement*

NOWS *Discharge Information*

Challenges & Barriers



- Discharge bundle
- Multi-disciplinary approach to discharge
- Mother Narcan Rx (built in charting with quick link to Rx)

Opportunities



- Working with CM to assist with discharge bundle
- Unit Based Committees to track, trend, and improve discharge assistance
- Recently received flyer with QR code for Narcan training and to receive the Narcan kit for mothers.

Needs



How do you guys handle the discharge piece?
Get the Rx to mom with education?

Q&A



Please feel free to **unmute** and ask questions

You may also enter comments or questions in the "chat" box





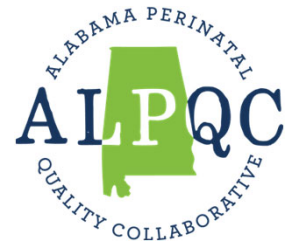
Breakout Room

What Steps Do We Need To Take To Sustain Current Momentum?

- How has your facility performed during the NOWS Initiative?
- What changes have you seen in workflow and patient outcomes?
- How can we build upon our successes?



How Can We Support You Further?





Next Steps & Reminders

Data Submission Reminders

MONTHLY Measures



Process & Outcome Measures		Measurement Period	Reporting Due
Neonatal	A. A: Did the infant have evidence of opioid withdrawal?	Apr 2023 ↔ May 31, 2023 May 2023 ↔ Jun 30, 2023 Jun 2023 ↔ Jul 31, 2023 Jul 2023 ↔ Aug 31, 2023 Aug 2023 ↔ Sep 30, 2023	
	B. Was a non-pharmacologic guideline used throughout the infant's hospitalization?		
	C. C: Did infant receive pharmacologic treatment?		
	D. D: if infant received pharmacologic treatment, for how many days did the infant receive treatment (Birth is day "0")		
	E. How many days old was the infant at discharge (Birth is day "0")		
	F. Was a Collaborative Discharge Plan completed prior to discharge?		
	G. If not born at your facility, how many days old was infant when transfer was received?		
	H. Was the infant readmitted for any cause within 10 days of discharge?		
Obstetrical	A. Was the patient on Medication for Opioid Use Disorder (MOUD)? (e.g. on prescribed methadone/ Subutex/etc.)		
	B. Was the patient referred to addiction services prior to maternal discharge?		
	C. Was Narcan counseling documented in the medical record prior to patient discharge?		

All Measures Reported by Race/Ethnicity

Find data forms, including ICD-10 codes, on our website at www.alpqc.org/initiatives/news, under the "Data Resources" menu

Data Submission Reminders

QUARTERLY Measures



Structure Measure	Measurement Period	Reporting Due*
1. Hospital has implemented education practices for hospital staff for reducing stigma in opioid-exposed newborns (OENs)		
2. Hospital has implemented education practices for hospital staff for scoring OENs	Oct – Dec 2022	Jan 31, 2022
3. Hospital has implemented standardized non-pharmacologic guidelines for OENs	Jan – Mar 2023	Mar 31, 2023
4. Hospital has implemented standardized practices of when to transfer infants with NOWs to a higher level of care	Apr – Jun 2023	Jun 30, 2023
5. Hospital has implemented standardized pharmacologic guidelines for infants with NOWS	July – Sep 2023	Sep 30, 2023
6. Hospital has implemented standardized protocols/guidelines for Collaborative Discharge Plan for mothers and infants	Oct – Dec 2023	Jan 31, 2024

Find data forms, including ICD-10 codes, on our website at www.alpqc.org/initiatives/nows, under the “Data Resources” menu

Hospital Team Share



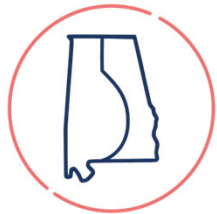
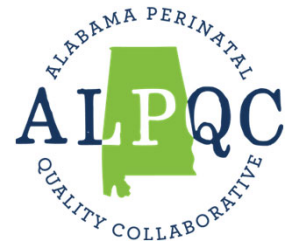
***Please remember to sign your team up to present at an upcoming Action Period call!
(Link in chat)***

Stay Connected!



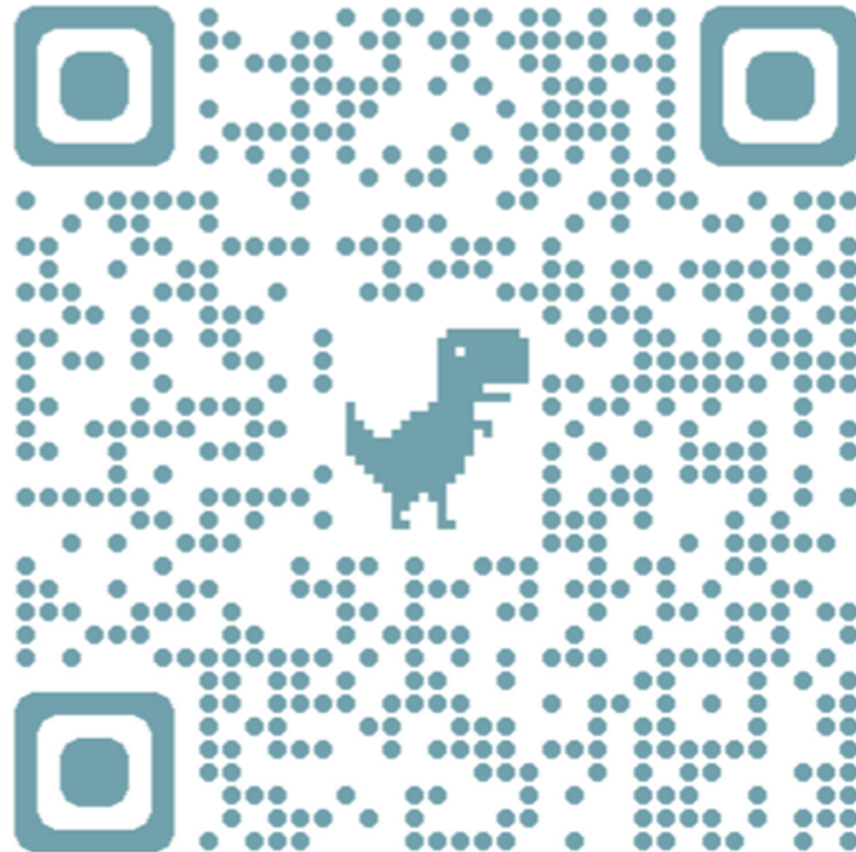
Twitter: @alpqc
<https://twitter.com/alpqc>

Stay Connected!



**ALABAMA MATERNAL
HEALTH TASK FORCE**

<https://linktr.ee/almhtf>



Next Meeting



Wednesday, July 26, 2023
12:00 PM – 1:00 PM CST

Thank You For Your Time!

