

Perinatal Quality Collaborative Vermont

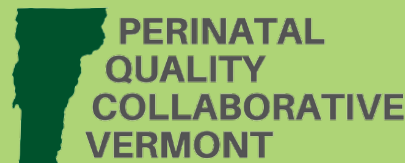
presents the

2024 Annual Statewide Improving Care for Opioid-Exposed Newborns Conference

**Substance-Exposed
Newborns and Families:
Creating a Community of Practice**



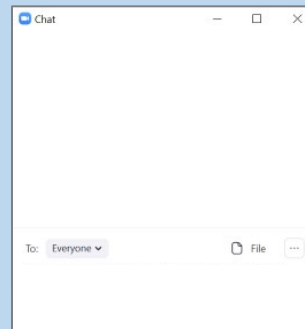
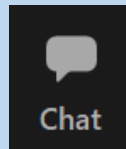
Larner College of Medicine



Housekeeping

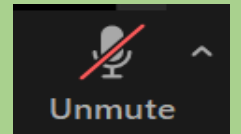
Chat

Use the *Chat* box to type a question.



Microphone

You will be muted when you join. If you wish to verbally ask your question during the Q&A portion of the presentation, please click the microphone to unmute.

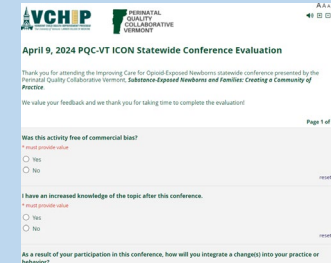


Captioning

Click the StreamText link provided in the *Chat* box to open captions in a separate browser window.

Evaluation

Near the end of the event, an evaluation link will be provided in the *Chat* and a QR will be provided on a slide for you to scan. Thank you!



Collaborators



Welcome & Updates

Michelle Shepard MD, PhD

Assistant Professor of Pediatrics

UVM Larner College of Medicine & UVM Children's Hospital

April 9th, 2024

Welcome!!

Vermont Department of Health
UVM Women's Wellness Center
Turning Point Center of Central Vermont
Northwestern Medical Center
Maitri OBGYN
Visting Nurse & Hospice VT & NH
State of Vermont Division of Substance Use Programs
Franklin County Home Health Agency
Turning Point Center of Chittenden County
Building Bright Futures
Grace Cottage Family Health and Hospital
WIC
Copley Hospital

WCMHS The Doula Project
Northwestern Counseling and Support Services
Central Vermont Medical Center
Gifford Medical Center
UVMHN-Porter Birthing Center
UVM Health Network Home Health & Hospice
VDH Family and Child Health
UVM College of Medicine
Northeastern Vermont Regional Hospital
Little Rivers Healthcare
Oak Leaf & Pine Counseling, PLC
UVM Medical Center
Washington County Mental Health Services

Porter Women's Health, UVMHN
VT Dept of Mental Health
UVM Nursing DEPN
Easterseals VT
Brattleboro Memorial Hospital
Washington County Mental Health
VDH, Local Health Morrisville
Lund Family Center
KidSafe Collaborative
Kingdom Recovery Center
PQC-VT / UVM
The Family Place
Department of Children and Families FSD
Turning Point of Windham County

Chittenden Clinic-Howard Center
Rutland County Parent Child Center- CIS
Addison County Parent Child Center
Springfield Area Parent Child Center
Orange County Parent Child Center
CVPH Medical Center
VCHIP
Northern Counties Health Care
The Doula Project
Rutland Regional Medical Center
Chittenden County Family Treatment Docket
Children and Family Futures

Vermont is Special!

Hospital level committees & QI workgroups

Local empaneled Community Response Teams

Statewide Collaboratives- Perinatal Quality Collaborative-VT

Regional QI initiatives- NNEPQIN

National collaborations- Best Practices

Health Department prioritization and involvement

CRT Teams

→ **5 Active Team:**

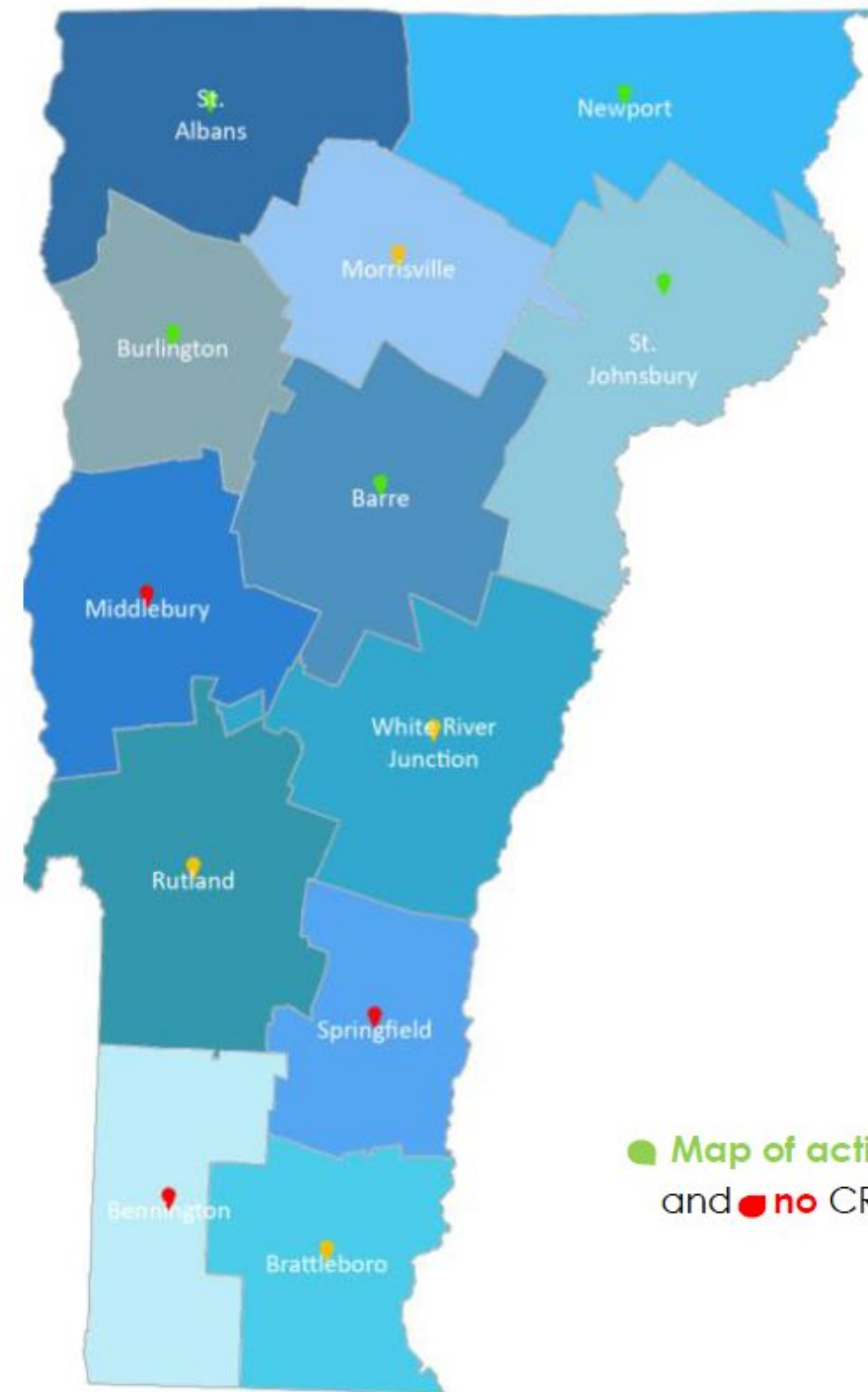
Barre
Burlington
St-Albans
St-Johnsbury
Newport

→ **4 Currently Inactive Team:**

Brattleboro
Rutland
Morrisville
White River Junction

→ **3 Region with no CRT Team:**

Springfield
Middlebury
Bennington



● Map of active, ● non-inactive
and ● no CRT teams

Vermont Child Health Improvement Program

COLLEGE OF
MEDICINE

Program Home

About Us ▾

Projects ▾

Research and Evaluation

Tools + Resources

National Improvement Partnership Network

CONTACT US

Improving Care for Opioid-exposed Newborns (ICON)



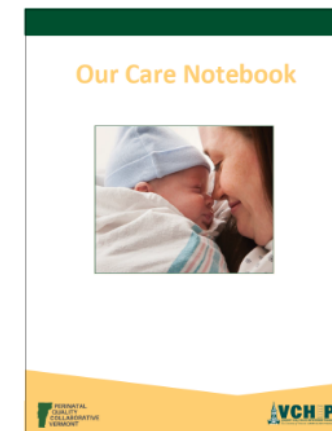
The ICON project partners with the Vermont Department of Health and The University of Vermont Children's Hospital to improve health outcomes for opioid-exposed newborns. Improved health outcomes are achieved by provision of educational sessions on up-to-date recommendations and guidelines to health care professionals who provide care for opioid-dependent pregnant women and their infants.

The project also maintains a maternal and newborn population-focused database for tracking process and outcome measures.

This data is used to identify gaps in care and systems related resources; the project addresses these gaps through quality improvement initiatives, focused on enhanced care processes and systems' changes. Review the objectives [here](#).

NEW Resources

[Our Care Notebook](#)



Our focus: to improve the quality of care for opioid-dependent pregnant and parenting people and opioid-exposed newborns in Vermont.

Improving Care for Opioid-Exposed Newborns

- What we are: Vermont Child Health Improvement Program (VCHIP) quality improvement project and part of the Perinatal Quality Collaborative Vermont
- Focus: to improve the quality of care for opioid-dependent pregnant and parenting people and opioid-exposed newborns in Vermont.
- Who we are: a collaborative team including partners from the Vermont Dept of Health, Dept for Children and Families, UVM Children's Hospital, community birth hospitals and people with lived experience

ICON Initiatives

- Partner with other VCHIP projects in the Perinatal Quality Collaborative
- Support birth hospitals with Plan of Safe Care education and technical assistance
- Collect hospital data for quality improvement initiatives
- Provide education to providers and families affected by opioid use disorder

PQC-VT ICON Team

Faculty

- ❖ Michelle Shepard, MD, PhD, Pediatrics, Lead Faculty
- ❖ Molly Rideout, MD, Pediatrics
- ❖ Adrienne Pahl, MD, Neonatology
- ❖ Marjorie Meyer, MD, Obstetrics & MFM

Collaborators

- ❖ Susan White, NP/APRN
- ❖ Bronwyn Kenny, MD

VCHIP

- ❖ Julie Parent, MSW, ICON Project Director
- ❖ Avery Rasmussen, MPH, ICON Data Manager
- ❖ Angela Zinno, MA, ICON Project Coordinator

Parent Advisors

- ❖ Ashlee
- ❖ Heidi
- ❖ Arial

Vermont Department of Health Liaison

- ❖ Ilisa Stalberg, MSS, MLSP, MCH Director

Website: <http://www.med.uvm.edu/vchip/icon>
Email: vchip.pqcvt@med.uvm.edu

Perinatal Quality Collaborative-Vermont

Mission: Optimizing care and health outcomes in pregnancy and infancy through collaboration and continuous quality improvement.

Goal: The PQC-VT will improve care and health outcomes of pregnant people and infants in Vermont through the following initiatives:

- Set Perinatal health Outcome Priorities
- Provide Outreach and Education
- Advance Quality Improvement Efforts
- Monitor Pregnancy and Newborn Health Outcomes



VCHIP Perinatal Efforts

Quality Improvement
Coaching Activities

Obstetrics and
Neonatal Clinical
Expertise

Perinatal Statistics
Report and statistics
Conferent for Vermont
Community Hospitals

Perinatal Transport
Conferences for
Vermont Community
Hospitals

Education and skilled
Training for Perinatal
Health Care
Professionals

Expertise in Substance
Use Exposure in
Newborns (ICON)

(STAMPP) Perinatal
Mood and Anxiety
Screening and referrals

Maternal Mortality
Review Panel (MMRP)

Data Analytics and
Dissemination

Alliance for Innovation
on Maternal Health
(AIM) Safety Bundles



NH Maternal Mortality Webinars and Resources

[Click here »](#)

AIM SUD Bundle

[Click here »](#)

AIM Perinatal Mental Health Bundle

[Click here »](#)



The Northern New England Perinatal Quality Improvement Network (NNEPQIN) was founded at Dartmouth Hitchcock in collaboration with University of Vermont Medical Center (then FAHC) in 2003. We now have members across all of Northern New England, including Maine Medical Center and most of the birth hospitals in New Hampshire, Vermont, and Maine. Dartmouth Hitchcock is the administrative home for NNEPQIN and manages grants, contracts and finances.

Vermont In-Depth Technical Assistance Initiative



Key Partners

- Department for Children and Families
- Department of Health / Family and Child Health
- Department of Health / Substance Use Programs
- KidSafe Collaborative
- Division of Planning & Court Services, Court Administrator's Office
- University of Vermont Medical Center
- UVM Larner College of Medicine: Vermont Child Health Improvement Program (VCHIP)
- Lund
- Families with lived experience



Current IDTA Sites

Connecticut	Texas
Louisiana	Vermont
Massachusetts	Wyoming
Michigan	Orange County, CA
New Jersey	Riverside County, CA
Oklahoma	

The map is from the National Center on Substance Abuse and Child Welfare.



Vermont Work Plan Goals

Goal 1: Map existing clinical and community-based services and supports across the state that work with pregnant individuals and families experiencing substance use and identify barriers and gaps in care.

Goal 2: Ensure integration among existing (and new) clinical and community-based services/supports.

Goal 3: Apply a health equity approach to the issue of substance use in pregnancy and in families, including a review of policy and structural factors that contribute to health disparities.

Goal 4: Improve data collection as a strategy to apply quality improvement methods in clinical and community care towards the goal of increased care coordination and systems integration.

Goal 5: Address gaps and concerns related to the current process of developing plans of safe care and CAPTA notifications.



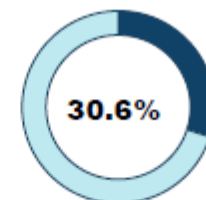
Current Cohort Themes

- Wider dissemination and uptake of currently implemented POSC policies and practices
- Alternative notification pathways for infants with prenatal substance exposure
- Need for environmental scan/community mapping to understand gaps and opportunities
- Moving beyond pilots or regional policy and practice to state-wide services
- Establish evaluation framework to assess what works for all families

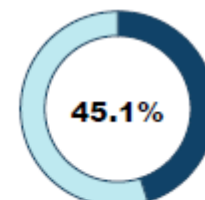
Vermont Key Data Points

Substance Use and Child Welfare Involvement

2020 Data from the Adoption and Foster Care Analysis and Reporting System (AFCARS)
(Incidence)



Graph 1: Parental substance abuse identified as a condition of removal



Graph 2: % children <1yr with parental alcohol as an identified condition of removal

Prepared by Michelle Shepard, MD, PhD, Angela Zinno, MA, Katy Leffel, RN, BSN, IBCLC, and Julie Parent, MSW on behalf of the Vermont IDTA team.





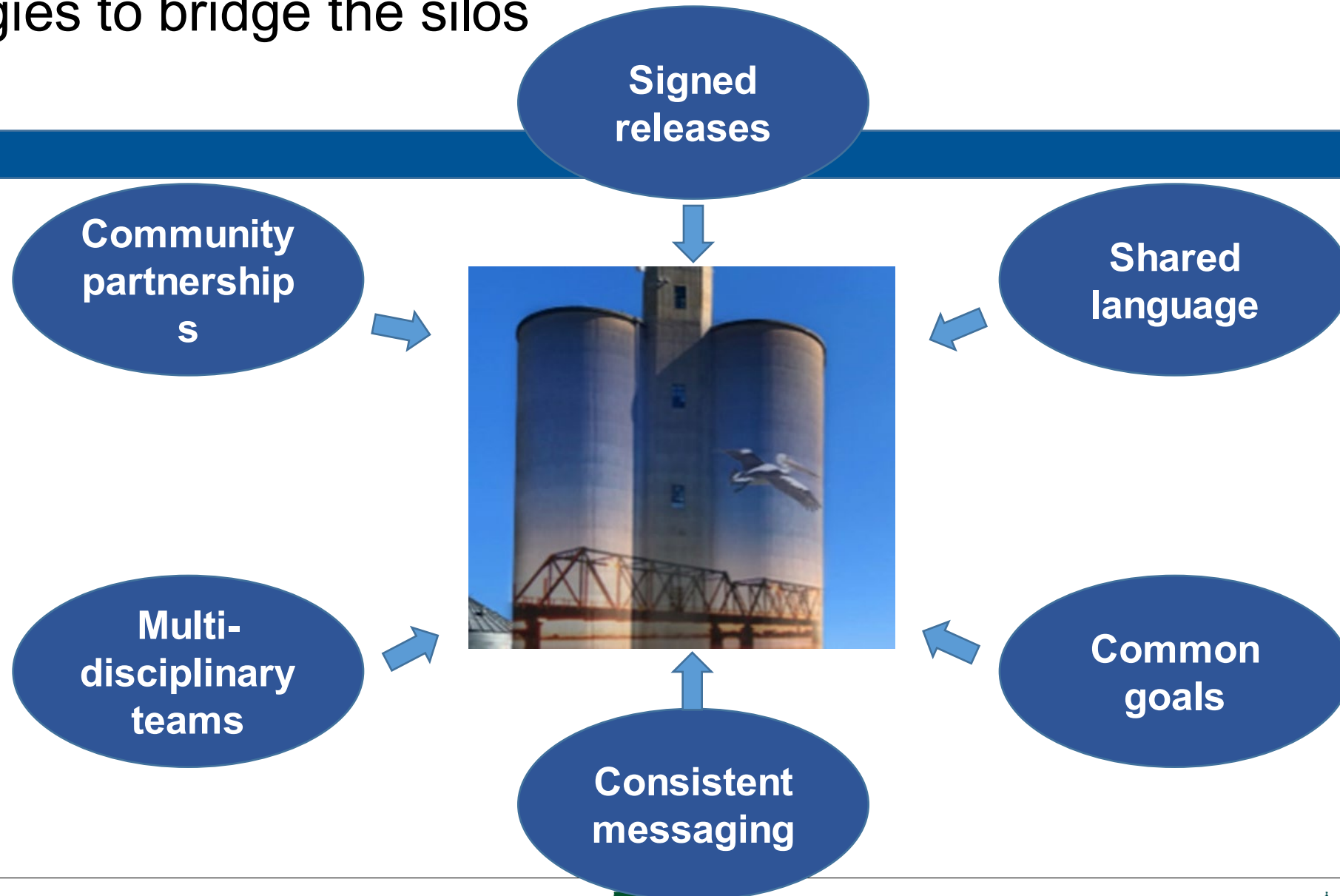
Medical
Providers

Substance Use
Providers

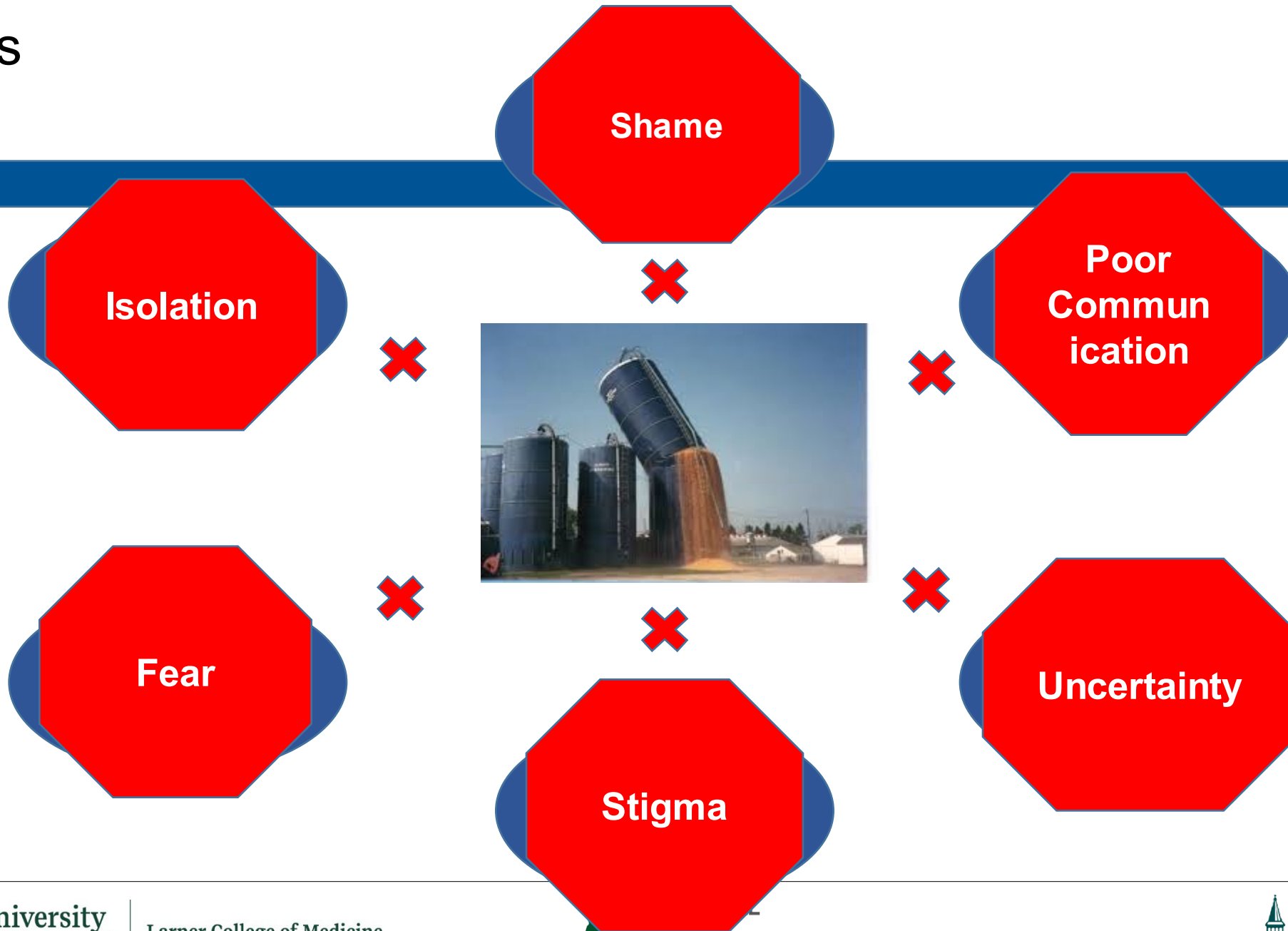
Birth Hospital

Community
Supports

Strategies to bridge the silos



Barriers



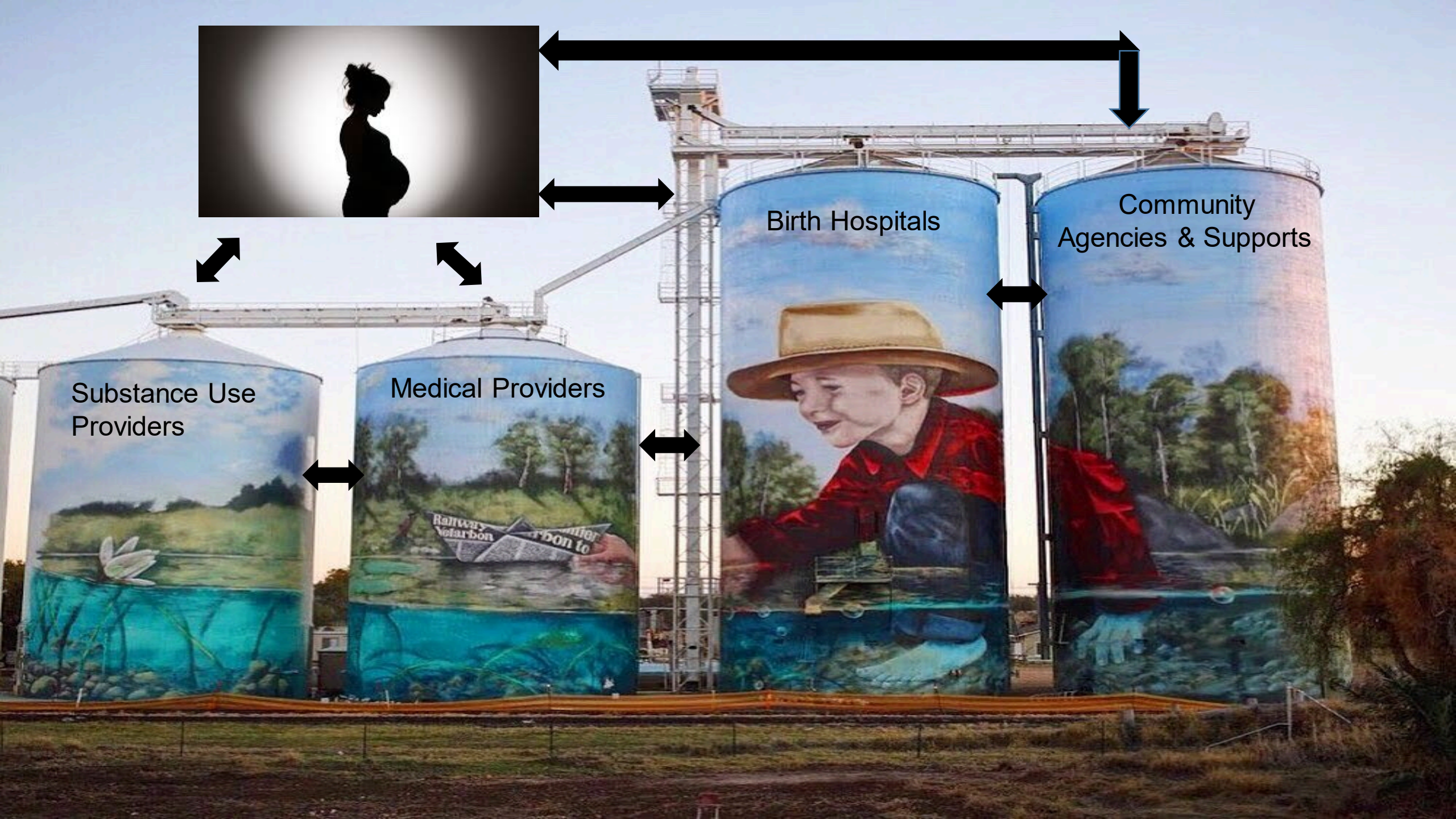


Birth Hospitals

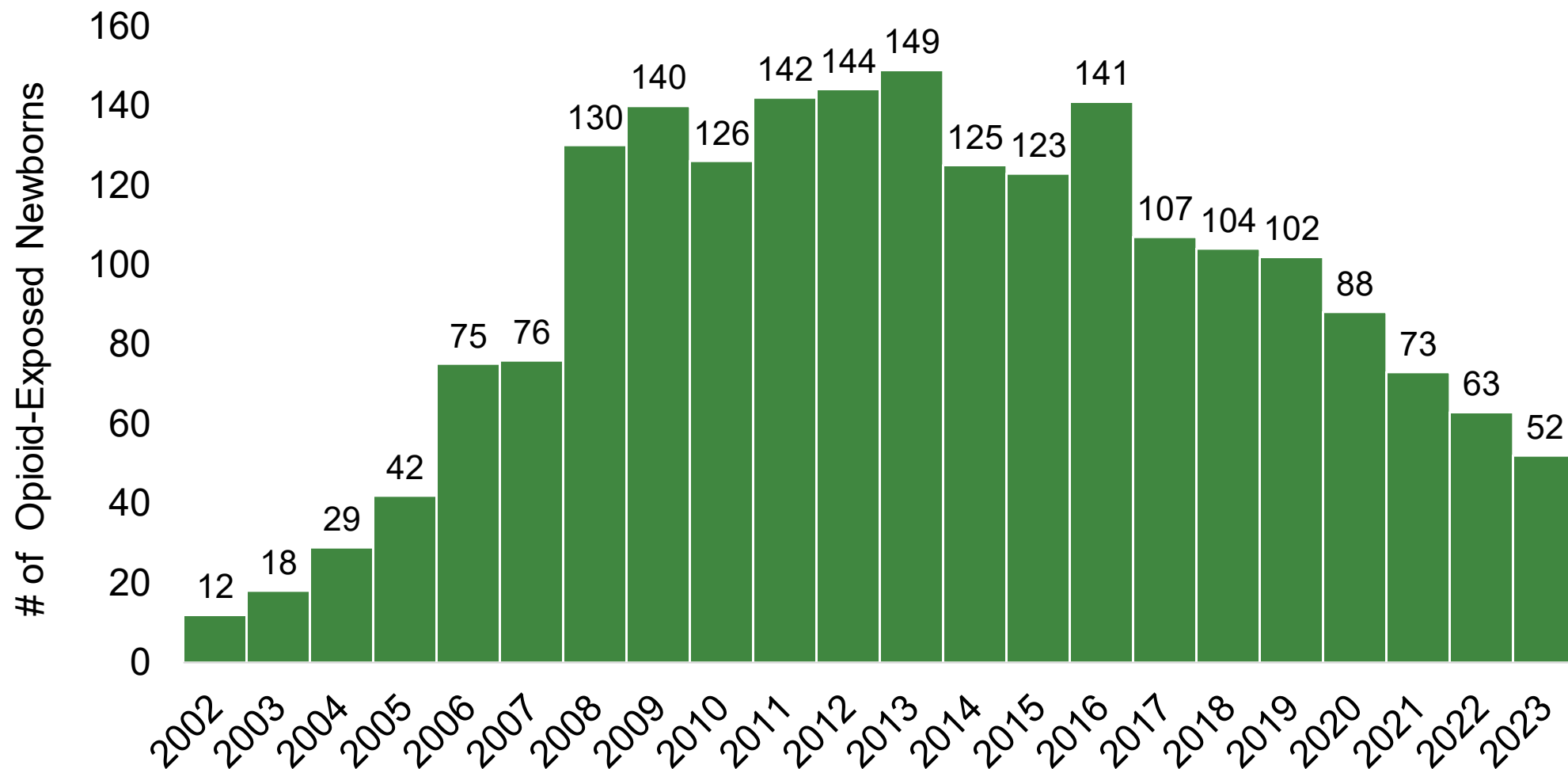
Community
Agencies & Supports

Substance Use
Providers

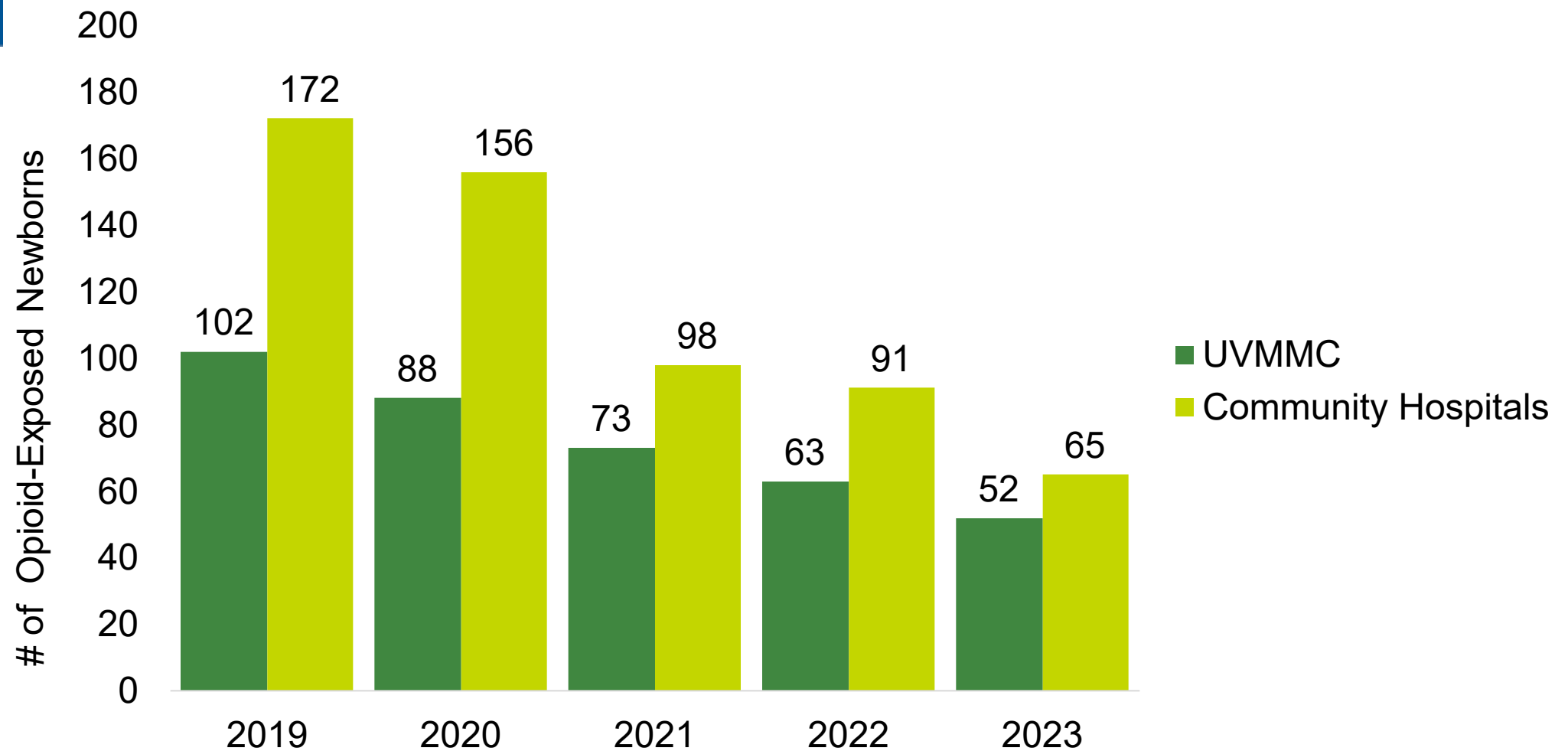
Medical Providers



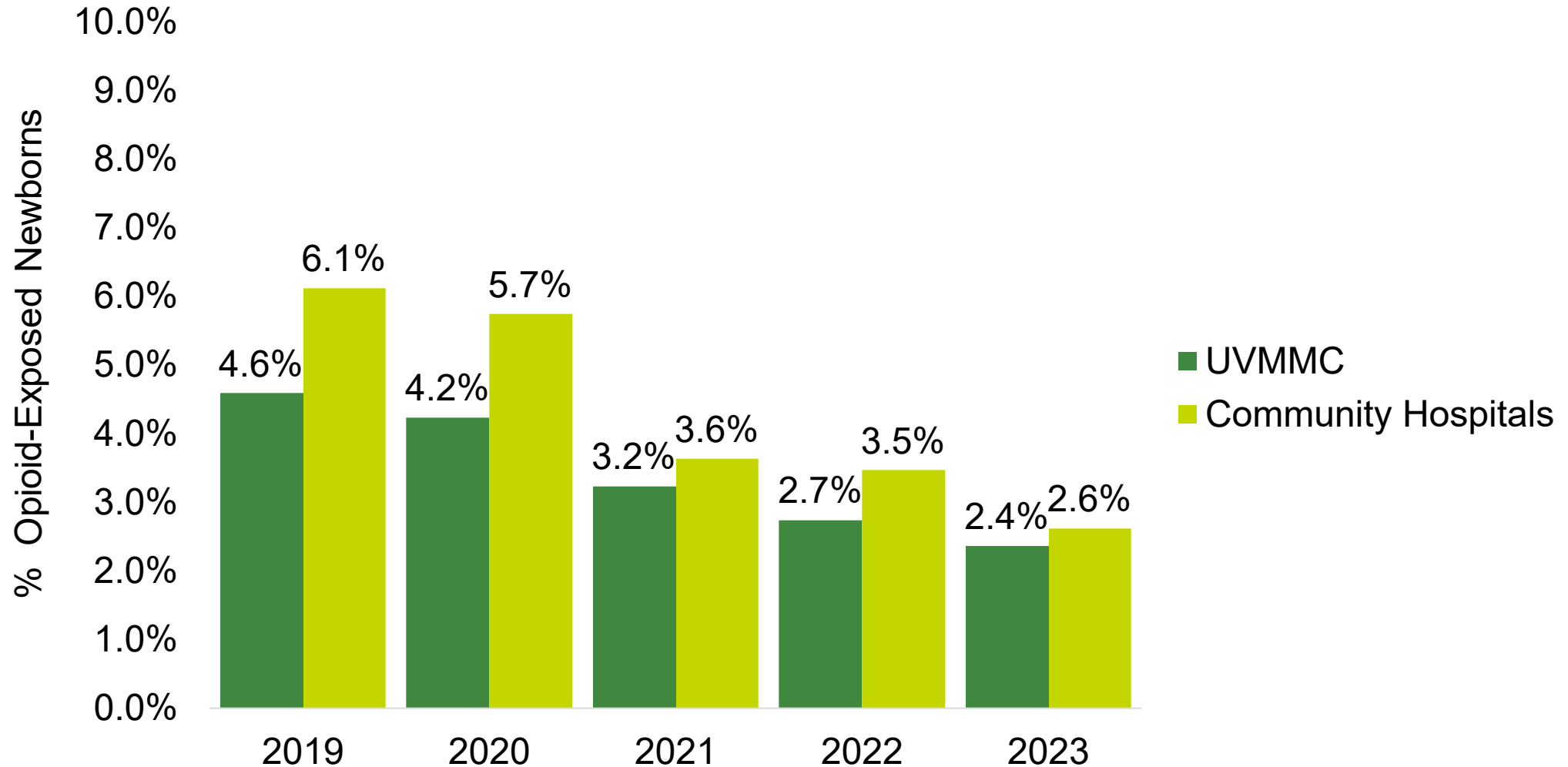
Total Opioid-Exposed Newborns (OEN) Cared for at UVMMC



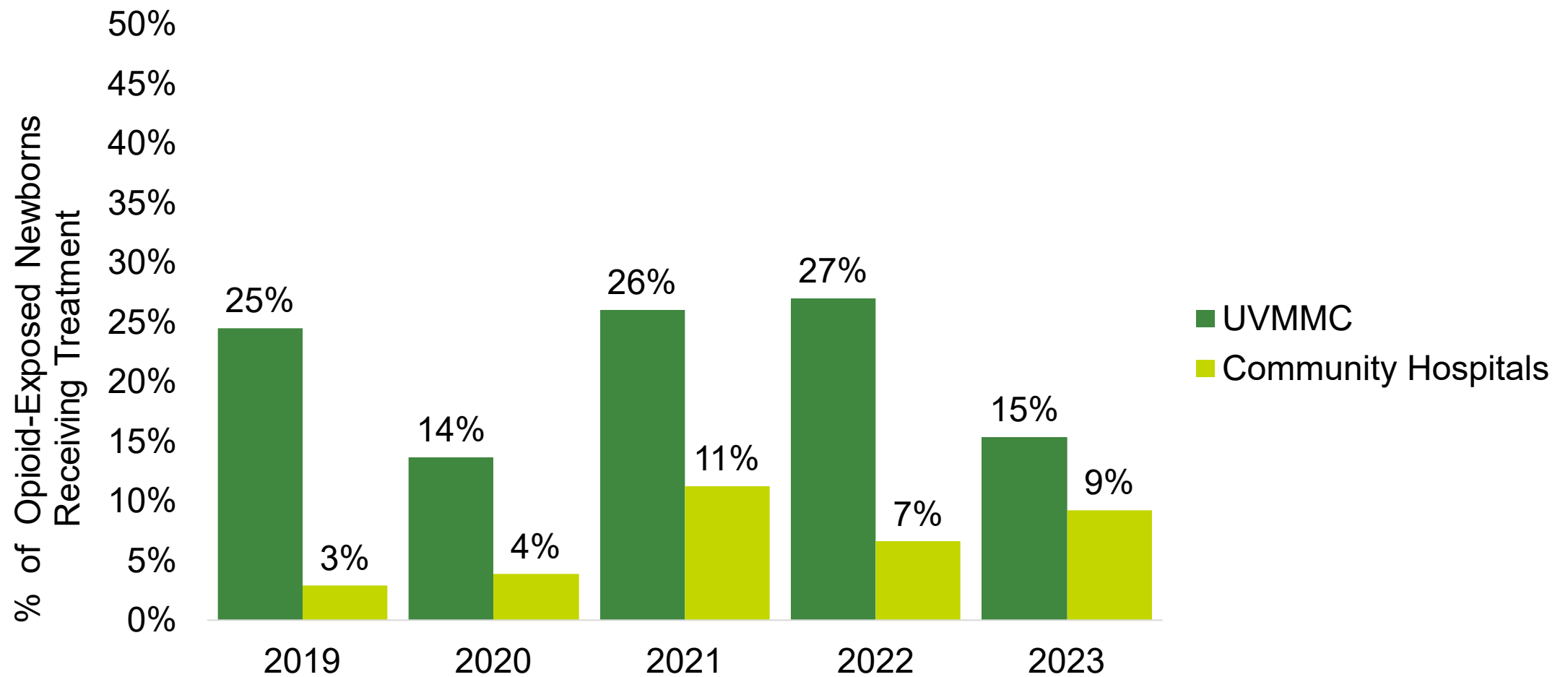
Number of OEN born in VT hospitals



Proportion OENs of VT live births



Proportion of OENs receiving medication treatment



FIVE POINTS OF FAMILY INTERVENTION



PRE-PREGNANCY

Focus on preventing substance use disorders before a woman becomes pregnant through promoting public awareness of the effects of substance use (including alcohol and tobacco) during pregnancy and encouraging access to appropriate substance use disorder treatment



PRENATAL

Focus on identifying substance use disorders among pregnant women through screening and assessment, engaging women into effective treatment services, and providing ongoing services to support recovery



BIRTH

Focus on identifying and addressing the needs of infants affected by prenatal substance exposure, withdrawal symptoms, and Fetal Alcohol Spectrum Disorder including the immediate need for bonding and attachment with a safe, stable, consistent caregiver



NEONATAL, INFANCY & POSTPARTUM

Focus on ensuring the infant's safety and responding to the needs of the infant, parent, and family through a comprehensive approach that ensures consistent access to a safe, stable caregiver and a supportive early care environment



CHILDHOOD & ADOLESCENCE

Focus on identifying and responding to the unique developmental and service needs of the toddler, preschooler, child, and adolescent who was prenatally exposed through a comprehensive family-centered approach

Infants with Prenatal Substance Exposure and their Families:
Five Points of Family Intervention



National Center on
Substance Abuse
and Child Welfare

