


Slide 1



PA PQC  
Pennsylvania Perinatal Quality Collaborative

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AWHONN PA Section Fall 2022 State Conference

Robert Ferguson, MPH  
October 14, 2022

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Slide 2

**PA PQC was formed by...**

- PA DDAP, DHS, and DOH *as an action arm of the MMRC*
- Preemie Network and AAP
- March of Dimes PA PQC Task Force
- PA PQC Advisory and 10 Work Groups (200 people)
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Slide 3

**In response to...**

Opioid Use Disorder + Neonatal Abstinence Syndrome

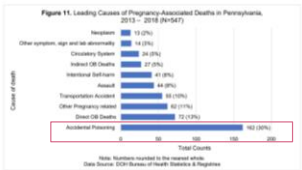


Figure 11. Leading Causes of Pregnancy-Associated Deaths in Pennsylvania, 2013 - 2018 (per 5000)

Cause of Death	Count	Percentage
Hemorrhage	13	3%
Other symptom, sign and lab abnormality	14	3%
Circulatory System	24	5%
Infected Old Deaths	27	6%
Intestinal Bifidum	41	9%
Anemia	44	10%
Transportation Accident	62	14%
Other Pregnancy related	62	14%
Other Old Deaths	72	16%
Accidental Poisoning	142	31%

NOTE: Numbers rounded to the nearest whole.  
Data Source: 2020 Bureau of Health Statistics & Reporting

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Slide 4

**MMRC**  
**PQC**

**In response to...**

**Figure 1: Pregnancy-Associated Mortality Ratio (PAMR), by Demographics, Pennsylvania 2018**

	No.	Percentage	No.	Percentage	Percent
Did obesity contribute to the death?	3,076	3.38%	36,170	33.81%	6.88%
Did chronic conditions contribute to the death?	3,270	3.63%	39,435	36.45%	7.04%
Did poor health conditions and/or poor education and/or other factors contribute to the death?	17,090	18.9%	37,090	34.4%	6.6%
Did substance use disorder contribute to the death?	15,340	17.1%	22,000	20.4%	3.9%

**Disparities and Equity**

*PA Maternal Mortality Review Report (January 2022), MMRC Legislative Report*

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**With funding from..**

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**PA PQC Advisory Group**

**Co-Chairs:**  
James Cook, MD  
Assta Melita, MD, MPP

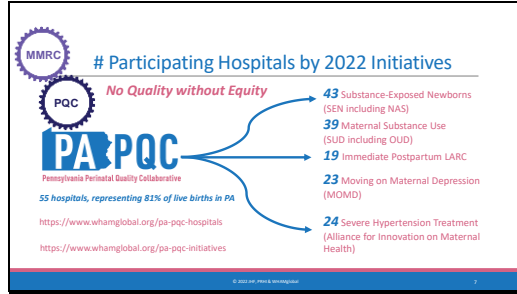
**25 Members Representing:**

Family Voice	PA American Academy of Pediatrics	PA PQC Community Champions
Health Plans	PA American College of Nurse-Midwives	PA PQC Healthcare Champions
Health System Association	PA American College of OB-GYNs	PA PQC Work Group Chairs
March of Dimes	PA Association of Women's Health, OB, and Neonatal Nurses	Policy and Advocacy
MFM Society	PA Doula Commission	Rural Health
		State Agencies

<https://www.whamglobal.org/pa-pqc-initiatives/advisory-group>

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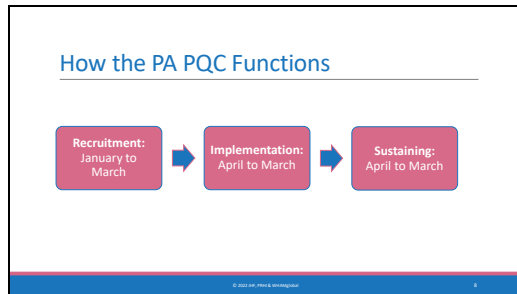
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Slide 8



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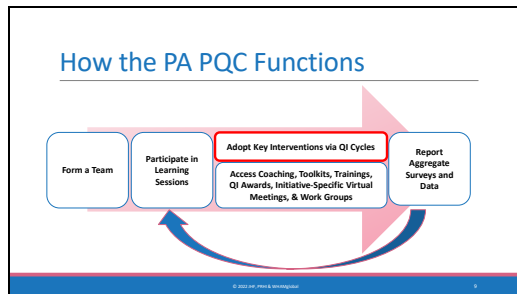
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Slide 9



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Slide 10

**PA PQC Teams Impacted NAS and SEN Structure Measures!**  
*April through June 2022*

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- 80% of hospitals reporting they have been educated on criteria for Plans of Safe Care, their role, and the how to explain it to families
- 85% of hospitals reporting they have established breastmilk feeding guidelines for SUD that support breastfeeding among those taking medications for OUD without contraindications
- 95% of hospitals reporting they use standardized pharmacologic protocols for NAS
- 98% of hospitals reporting they use non-pharmacologic protocols for NAS

**Improvement opportunity:**

- 26% of hospitals reporting they created a protocol for closing the loop on the referral status with the post-discharge services and supports (with an additional 31% indicating this is in progress)

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