Sifting through the Static: Transforming Fragmented Maternal Health Data

Disclosures & Objectives

- Describe the benefits of a datasharing network housed in a community-based organization.
- Explain the benefits of crosssector stakeholder data projects.
- Evaluate the role of equitable, community centered data sharing in improving maternal health outcomes for the greater good.



CRADLE KC





HOPE

We believe every baby born in Kansas City should celebrate their first birthday!

JOY

There is no greatest component to our mission than joy. After all, CKC works every day towards a future where every KC baby and their mothers are healthy.

ACTION

11 babies die a month in the metro, so we don't have time for working in silos.

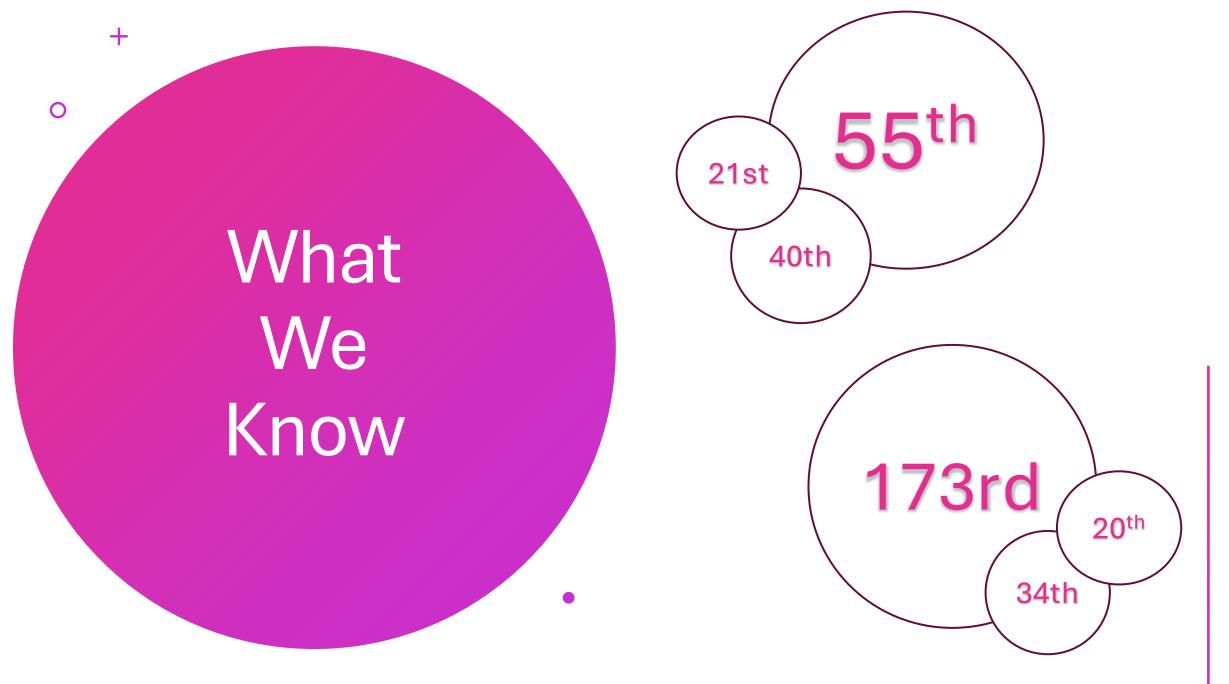
DATA

Everyone wants to do the community facing things that "feel good" but rarely ever "do good". Data tells us where to aim, and if we

CLARITY

Infant mortality is a complicated problem, and that causes people to give up and stick with what they know. A clear path to act on

Data





The Backlog



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What We Don't Know

What is the Current State of MCH Health

What is Happening

What is Working

Where We Should Focus

The Breakup & Rebound

What is...

- 1. Who's your ultimate data nemesis, and how often does it sabotage your lunch break? Bonus points if it is messier than mystery meat.
- 2. Which data dilemma haunts your dreams, and does it have a name, a backstory, or perhaps its own theme music?
- 3. If your idea data set could magically answer any question, what would you ask it first? Excluding where the missing socks are.
- 4. If you could maroon one dreaded data problem on a deserted island forever, which one would you gleefully shove onto a raft with no sunscreen?





Need for Shared Data

Commonly Collected and Shared Key Indicators

Community Driven

One Focus

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The Greater Good

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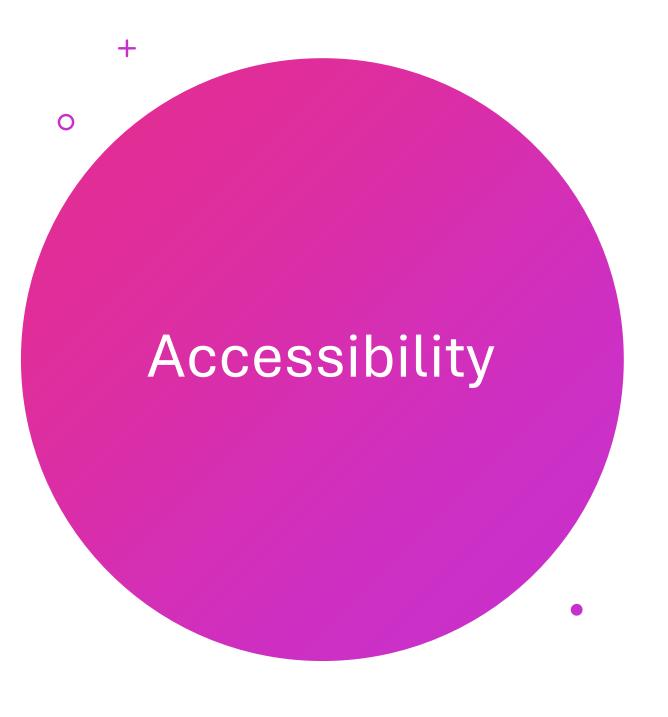
Sharing is Caring

Community Centered

Unified Data

Complex Challenges in Health

Equity Driven Decision Making



Breaking Down Barriers

Improved Data Accessibility

Stakeholder Empowerment

Harnessing Shared Data

Collective Successes

Innovation and Impact

Enhanced Collaboration

Empowerment and Engagement

Harnessing Shared Data

Governance

Trust and Transparency

Data
Governance:

Steering and Advisory Groups

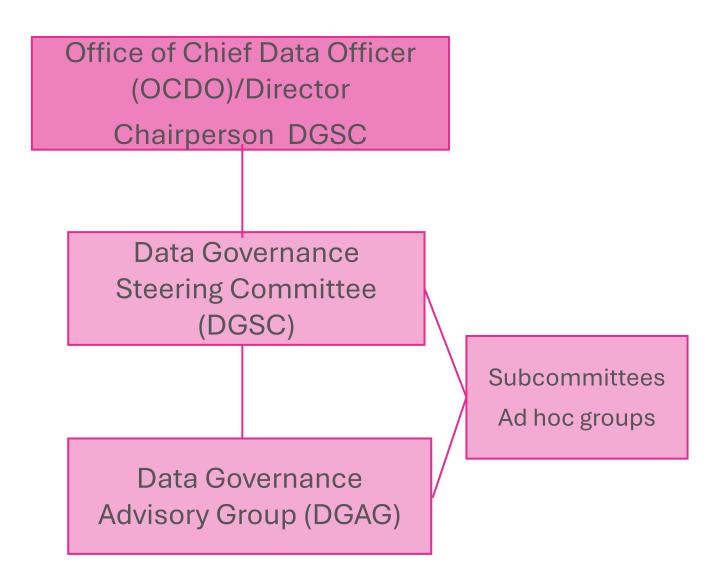
Diverse Organizational Partners

Academic, Clinical, Social Care, Research, Policy, and Community Expertise

Subject Matter and Infrastructure Experts

Community Member Inclusion

Governance Structure



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Values & Priorities

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Cradle KC DSN Values

Data Privacy and Confidentiality

Information Security

Accountability

Data Integrity

Non-discrimination

Equitable Data Access

Research and Innovation

Professional Conduct

+ 0 Unified Data Sharing Platform

Unified and Secure Data Sharing

Identifying and Bridging Data Gaps

Empowering Actionable Insights

Multisector Collaboration

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Sustainability Deliverables & Infrastructure Milestones

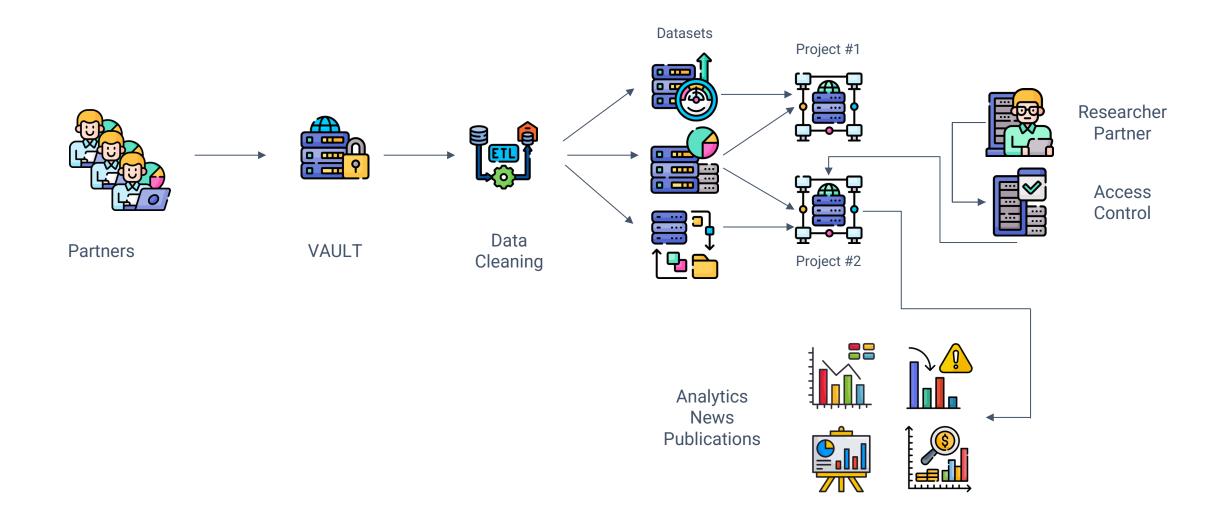
Grow Data Sharing Partners

Establish a Key Indicator Baseline

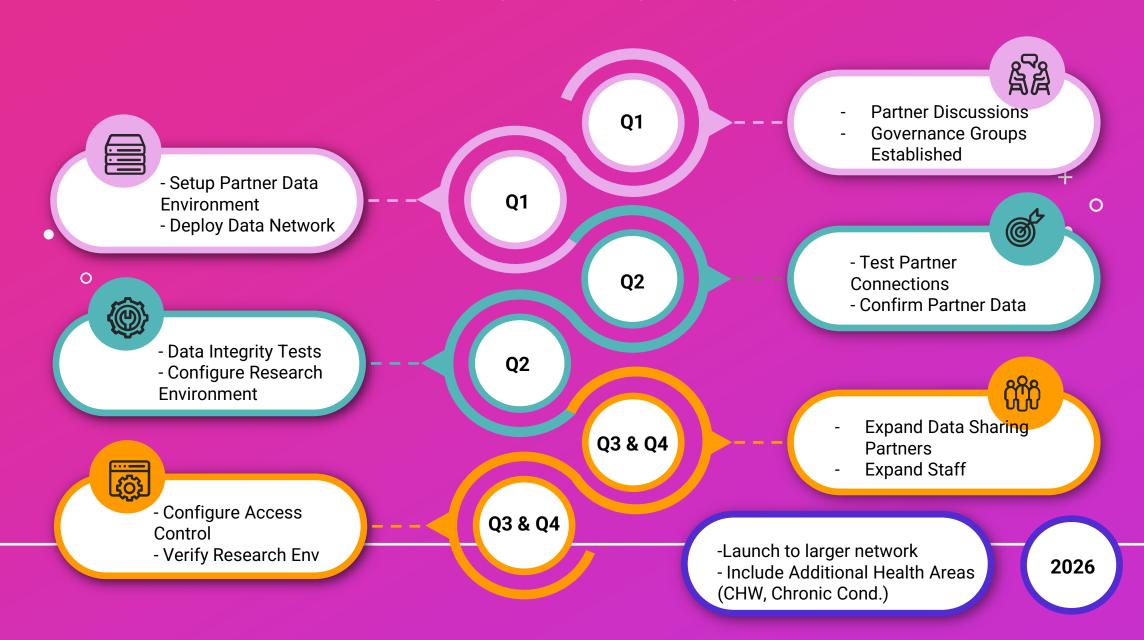
Transparency in Data Sharing & Reporting

Focused on Sustainability

CradleKC Data Sharing Network



2025 Timeline



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References & Sources

Sources:

NIH Toolkits for Data Governance

https://cde.nlm.nih.gov/server/system/data/63040aa01456400aa663da41

Gravity Project

https://thegravityproject.net/

AISP

https://aisp.upenn.edu/

Charlotte Data Trust

https://ui.charlotte.edu/our-work/charlotte-regional-data-trust/

References:

CDC. (2025). Infant Mortality . Retrieved from CDC: https://www.cdc.gov/nchs/state-stats/deaths/infant-mortality.html?CDC_AAref_Val=https://www.cdc.gov/nchs/pressroom/sosmap/infant_mortality_rates/infant_mortality.htm

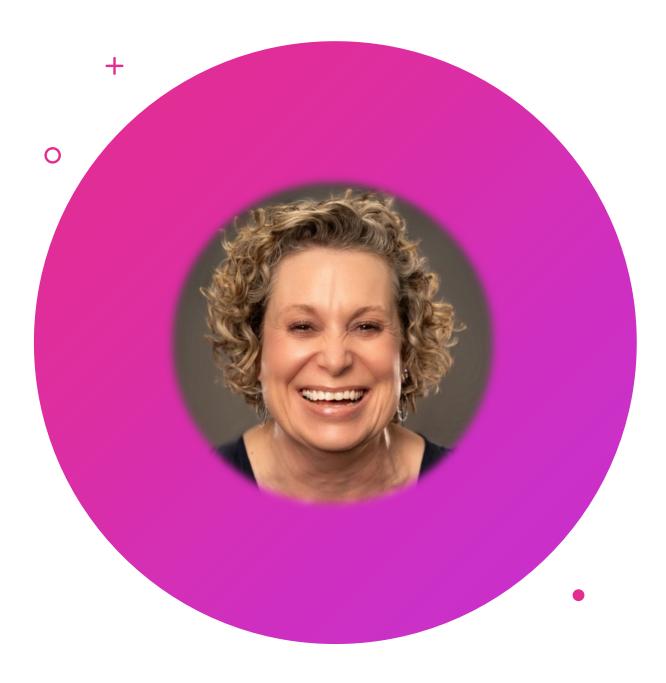
CIA. (2025). Country Comparisons- Infant Mortality Rates . Retrieved from cia.gov: https://www.cia.gov/the-world-factbook/field/infant-mortality-rate/country-comparison/

March of Dimes . (2025). Peristats. Retrieved from March of Dimes : https://www.marchofdimes.org/peristats/data?reg=99&top=6&stop=91&slev=4&obj=18&sreg=29

United Health Foundation . (2025). Kansas . Retrieved from America's Health Rankings: https://www.americashealthrankings.org/explore/states/KS

United Health Foundation . (2025). Missouri. Retrieved from America's Health Rankings : https://www.americashealthrankings.org/explore/states/MO

Worldwide Maternal Mortality Rates . (2025). Retrieved from One Health Trust.org : www.onehealthtrust.org/publications/infographics/worldwide-maternal-mortality-rates/



THANK YOU!!!

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