

The State of Perinatal Care and Outcomes in Nebraska

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NEBRASKA, WHERE A GREAT LIFE STARTS WITH HEALTHY MOMS AND HEALTHY BABIES

Surgeon General Call to Action

Maternal Health Initiatives 2020

1. Reduce maternal deaths — Getting worse

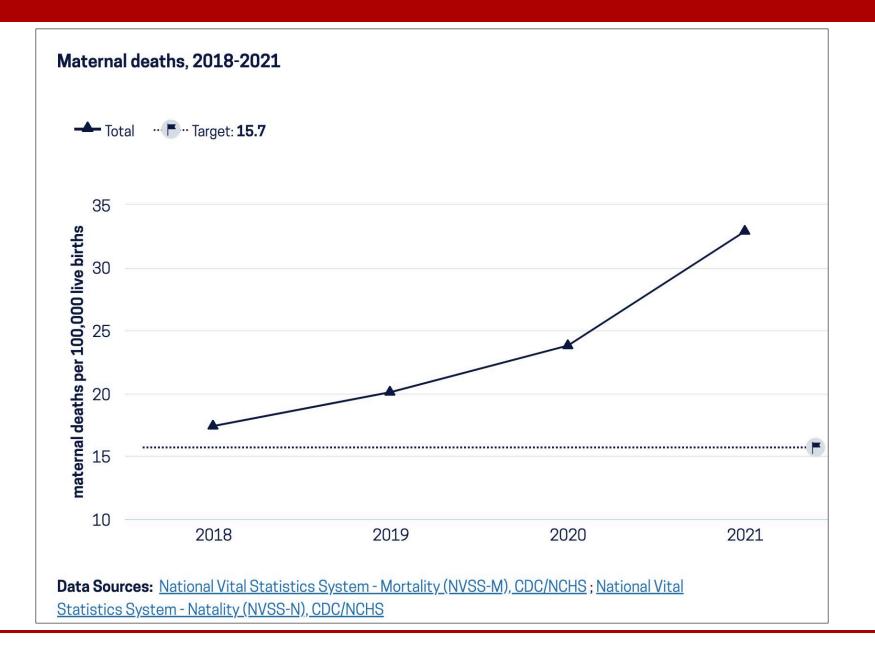
2. Reduce severe maternal complications identified during delivery hospitalizations — Getting worse

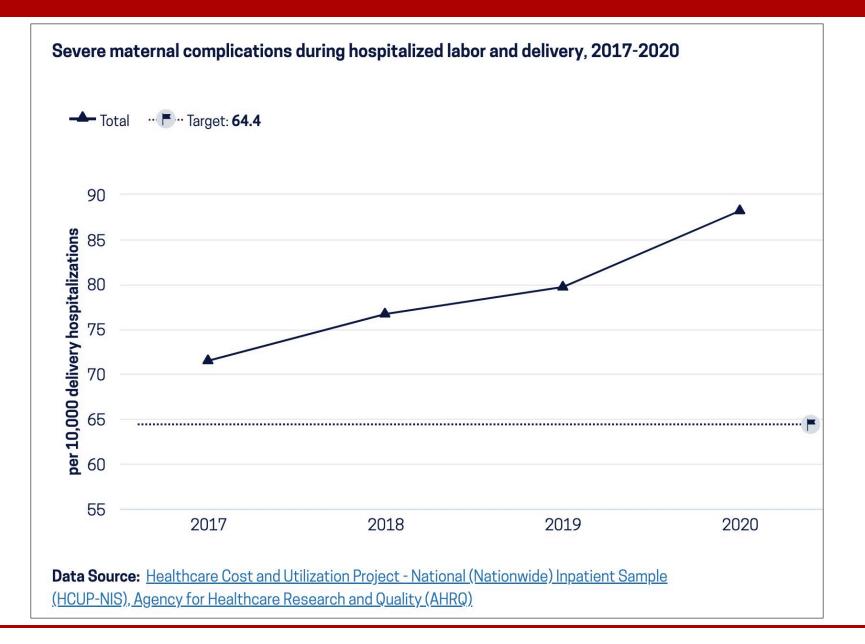
3. Reduce cesarean births among low-risk women with no prior births — Getting worse

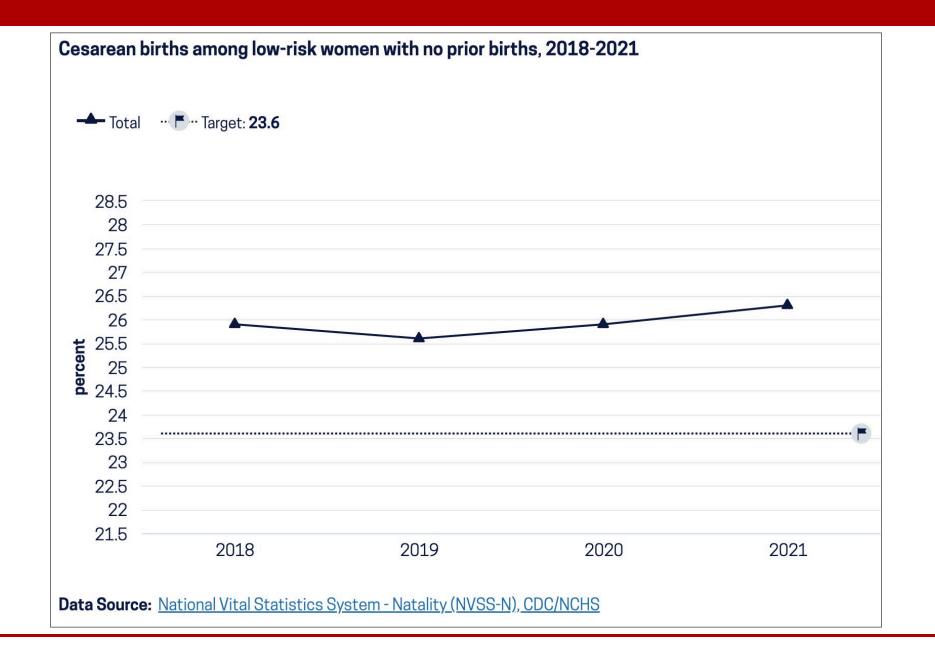
4. Increase the proportion of pregnant women who receive early and adequate prenatal care — Getting worse

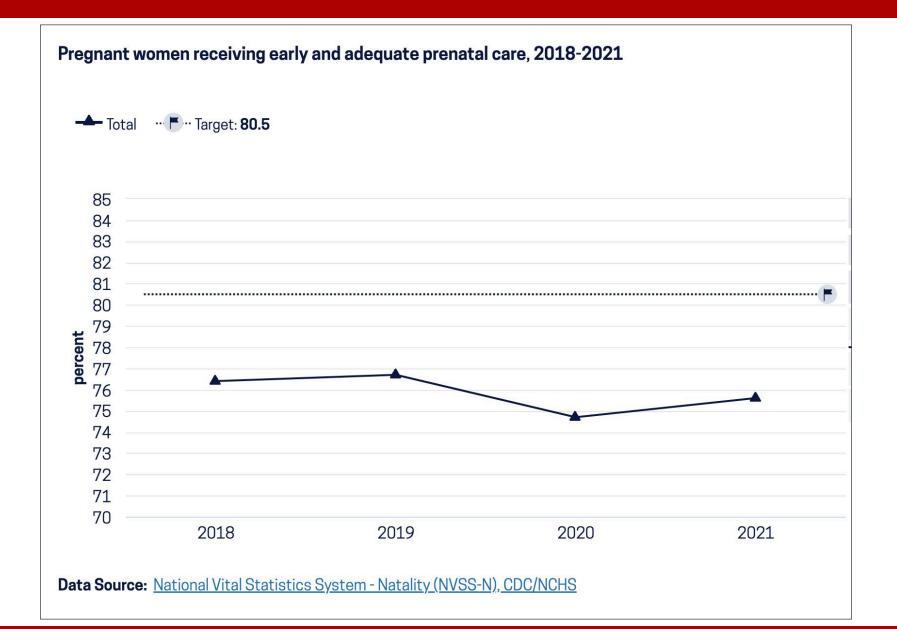












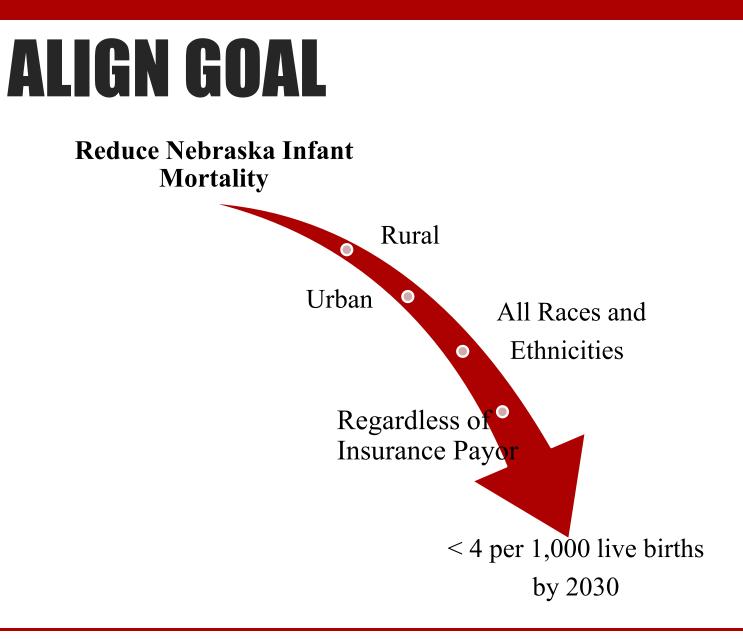
ALIGN Group

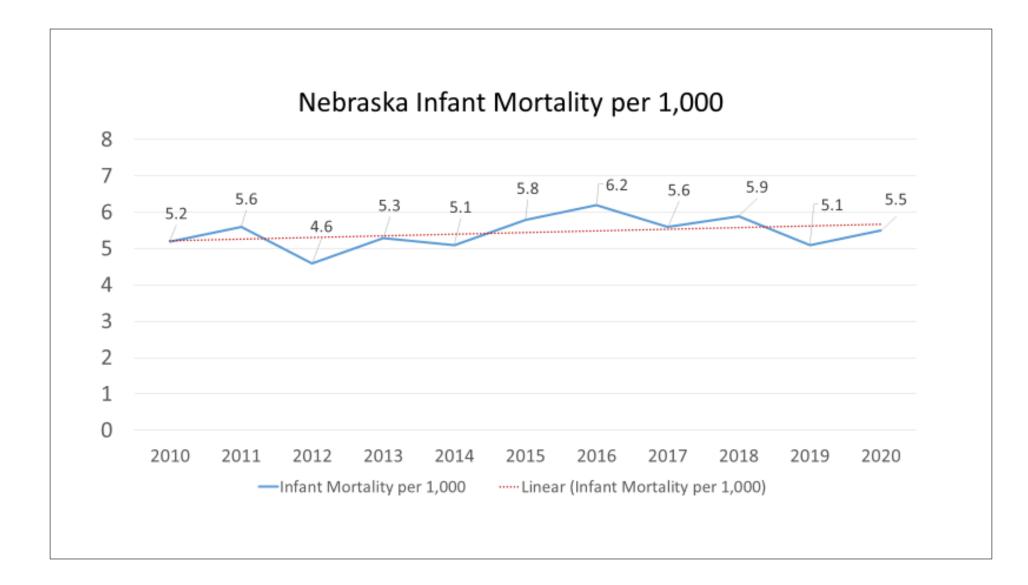


Partnership for a Healthy Nebraska

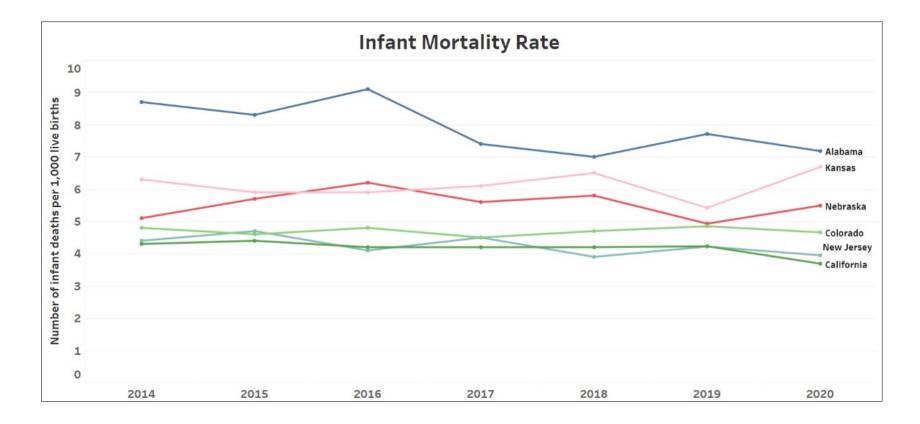








How do we compare?





Nebraska Infant Mortality Disparities

Race/Ethnicity	
Infant Mortality - Black	
	NE: 13.6
	U.S.: 10.7
Infant Mortality - Hispanic	NE: 6.9
U.S.: 4.9	
Infant Mortality - White	Metro/Non-Metro
NE: 4.2 U.S.: 4.6	metro/ Non-metro
Deaths per 1,000 live births	Infant Mortality - Metro
	NE: 5.4
	U.S.: 5.5
	Infant Mortality - Non-Metro
	NE: 5.2
	U.S.: 6.4
	Deaths per 1,000 live births



Nebraska Preterm Birth Racial and Ethnic Disparities

Summary Statistics on Preterm Births by Race & Ethnicity

Gestation by Race	37 Weeks & Over		Under 37 Weeks		Total # of Births	
	#	%	#	%	Dirtiis	
White	17,991	88.7%	2,295	11.3%	20,286	
Black	1,506	82.6%	318	17.4%	1,824	
AIAN	378	84.2%	71	15.8%	449	
Asian	789	86.2%	126	13.8%	915	
NHOPI	64	81.0%	15	19.0%	79	
More than one race	604	85.2%	105	14.8%	709	
Total	21,332	87.9%	2,930	12.1%	24,262	
Gestation	37 Weeks & Over Under 37 Weeks			Total # of		

Gestation by Ethnicity	37 Weeks & Over		Under 37 Weeks		Total # of Births	
	#	%	#	%	2. cho	
Non-Hispanic	17,523	88.2%	2,346	11.8%	19,869	
Hispanic	3,802	86.7%	584	13.3%	4,386	
Total	21,325	87.9%	2,930	12.1%	24,255	



Maternal Health & Healthcare Drive Outcomes

Adequate Prenatal Care

Percent of women who received care prior to the fifth month and more than 80% of the appropriate number of visits for the infant's gestational age. Adequacy of Prenatal Care is measured using the Adequacy of Prenatal Care Utilization Index, which classifies prenatal care received into four categories (inadequate, intermediate, adequate and adequate plus) by combining information about the timing of prenatal care, the number of visits and the infant's gestational age.

"I had a perfect pregnancy, until I didn't." Mother from Grand Island focus group

"I wish that I had known that babies could die..." Mother from Grand Island focus group.

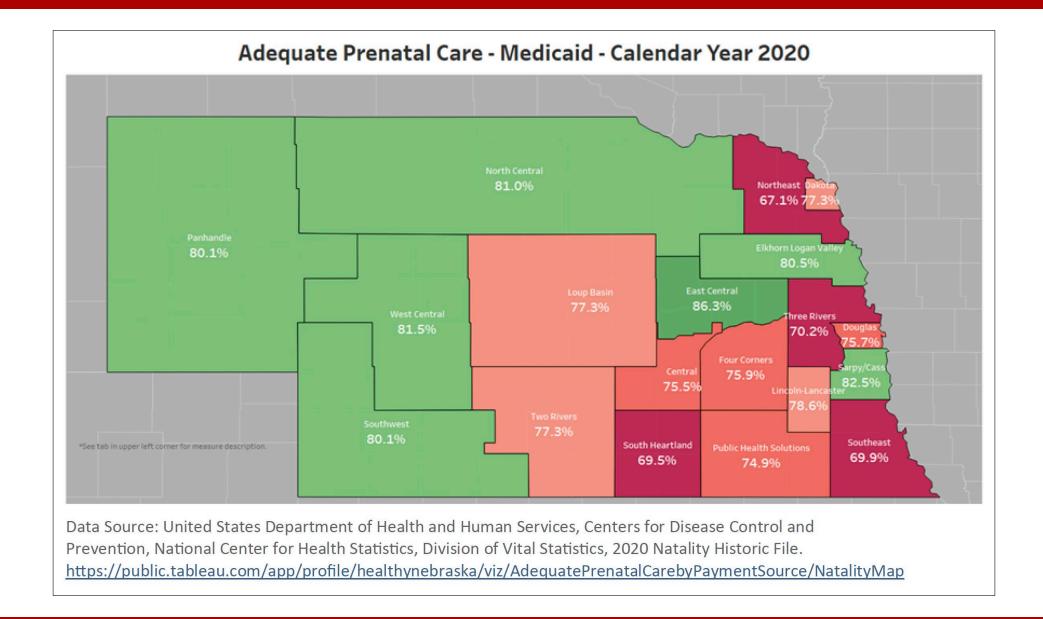


Nebraska Prenatal Care Racial and Ethnic Disparities

Race	Births with Adequate Prenatal Care		Births with Inadequate Prenatal Care		Total # of Births	
	#	%	#	%		
White	17,051	86.6%	2,631	13.4%	19,682	
Black	1,289	74.0%	452	26.0%	1,741	
AIAN	264	63.3%	153	36.7%	417	
Asian	716	81.0%	168	19.0%	884	
NHOPI	50	70.4%	21	29.6%	71	
More than one race	570 83.2%		115	16.8%	685	
Total	19,940 84.9%		3,540	15.1%	23,480	

Ethnicity	Births with Adequate Prenatal Care		Births with Inadequate Prenatal Care		Total # of Births
	#	%	#	%	
Non-Hispanic	16,752	86.7%	2,579	13.3%	19,331
Hispanic	3,184	76.9%	959	23.1%	4,143
Total	19,936	84.9%	3,538	15.1%	23,474





Fewer Than Half Of Rural Hospitals Now Have Maternity Units

"A growing number of rural hospitals have been shutting their labor and delivery units, forcing pregnant women to travel longer distances for care or face giving birth in an emergency department."

"Fewer than half of rural hospitals now have maternity units, prompting government officials and families to scramble for answers."

"Closures have worsened so-called 'maternity care deserts' – counties with no hospitals or birth centers that offer obstetric care and no OB providers."

<u>AP [mailview.bulletinhealthcare.com]</u> (9/17/23)



Nebraska

51.6% of counties

are defined as maternity care deserts compared to 32.6% in the U.S.

15.9% of women

had no birthing hospital within 30 minutes compared to 9.7% in the U.S.

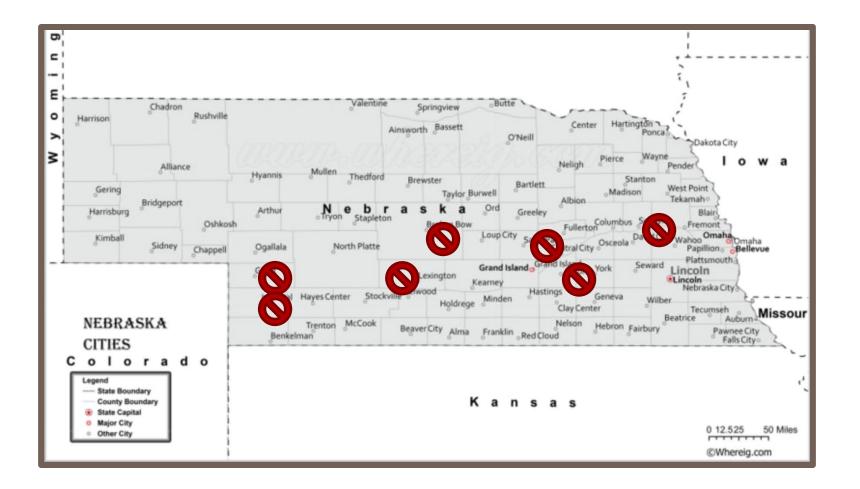
https://www.marchofdimes.org/peristats/reports/nebraska/maternity-care-deserts



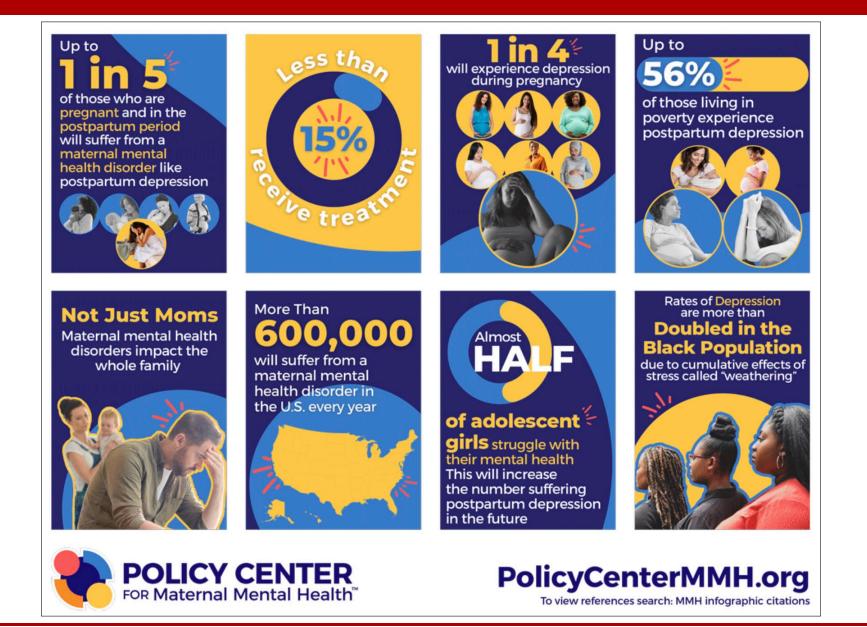
Nebraska is Losing Rural Delivery Centers

- 2017 Nebraska had 54 birthing facilities
- Jan of 2024 Nebraska will have 46 birthing facilities
- Six critical access hospitals have discontinued OB services since 2020, with 1 additional facility discontinuing services at the end of 2023.
- Importantly we have had two new birthing facilities open in the same community as an existing center
- Net loss of 10 rural birthing facilities since 2017









Perinatal Mental Health

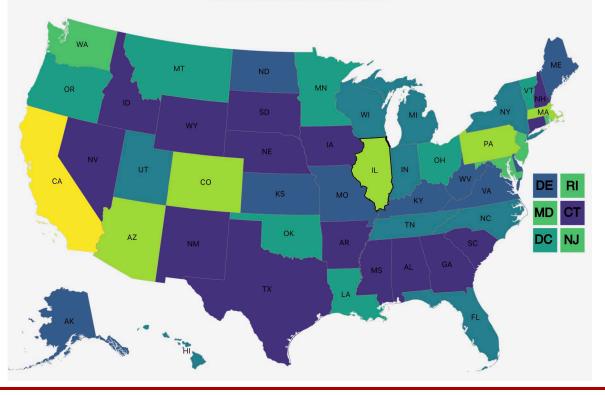


2023 U.S. Maternal Mental Health State Report Cards

The US is failing to adequately support Maternal Mental Health:

- National Grade of D
- Only one state managed to exceed C+ (CA: B-)
- 40 states and DC received D's and F's

Click the Map to See Your State's Grade Learn more about the measures here







Nebraska Progress

NE Policy

LB 905 (2022): requires perinatal mental health screenings by medical doctors and Advanced Practice Registered Nurses and suggests the creation of a referral network by the state Board of Medicine.





WIC Utilization

- Since 1975 WIC demonstrates:
 - Lower rates of food insecurity
 - Improved nutrition
 - Improved birth outcomes
 - Lower medical costs
- USDA estimates ~50% of eligible families receive WIC benefits
- Military families thought to experience lower enrollment rates (<1%)



OB/Gyn > Pregnancy

Mothers in WIC Program Have Better Birth Outcomes, Lower Infant Mortality

— Review highlights need for better evidence about WIC and health outcomes, researchers say

by Amanda D'Ambrosio, Enterprise & Investigative Writer, MedPage Today September 5, 2022

- WIC enrollment during pregnancy has been shown:
 - 23% <u>reduction</u> in likelihood of NICU admissions
 - $29 48\% \underline{\text{decreased}}$ rates of preterm birth
 - 23 36% -<u>reduction</u> in low birth weight
 - $22 31\% \underline{\text{decrease}}$ in perinatal death

Birth Outcomes: Nebraska in Comparison

Relative to other states in the Midwest and nationally, Nebraska has high rates of overall maternal mortality, maternity care deserts, and disparities for Black and Native infants.

Nebraska ranks in the top five in the U.S. for highest rates of:

Criteria		Kansas	lowa	Nebraska	National
	Maternal Mortality Rates ¹	22	20.2	26.2	23.7
	Maternity Care Deserts	45.7%	33.3%	51.6%	32.6%
	Infant Mortality Rates- Overall ²	5.1	3.1	4.8	4.4
	Infant Mortality Rates- White	5.3	3.9	5.5	5.4
Birth Equity	Infant Mortality Rates-Black or African-	10.5	14.3	13.1	10.6
	American	10.5	14.5		
	March of Dimes Report Card 2022 and	Grade C (9.8%)	Grade C (10%)	Grade D (10.8%)	D+ (10.5%)
	Preterm Birth Rate	01aue C (5.8%)		Glade D (10.8%)	
	Preterm Birth Rates - White	9.5	9.5	10	9.3
	Preterm Birth Rates- Black, AI/AN	14.2% for Black infants, 8.7% AI/AN	12.9% for Black infants, 12.8% for AI/AN	15.3% for Black infants, 13.4% for Al/AN	14.4% for Black infants, 11.8% for Al/AN

a) maternity care deserts and b) Black or African American infant mortality rates

¹Maternal Mortality Rates 2018-2021, CDC

²Infant Morality Rates 2021, CDC Wonder

Key: Concerning Data

(CDC, March of Dimes)



Call to Action - Nebraska

- Extension of Post-partum Medicaid Coverage to 12 months
- Optimize Pathways for Early Entry to Prenatal Care
- Early Entry into WIC with Continued Expanded Benefits for fruits and vegetables
- Coverage of Doula Care
- Expansion of Maternal Mental Health Access



Key Targets

Decrease Nebraska Infant Mortality to <4 per 1,000 by 2030

Increase Rates of **Early & Adequate Prenatal Care** for Medicaid Recipients to >80% in All Nebraska Public Health Districts by 2025

2023-2024 Intervention Strategies to Achieve 2025 Target

- **1.** Launch a Statewide Educational Campaign to Inform All Nebraska Women of the Importance of Early & Adequate Prenatal Care
- 2. Ensure Availability of Local Assistance for Pregnant Women to Help Them Access Prenatal Care and Obtain Insurance Coverage if Needed

Streamline the Application for Medicaid Eligibility and Set a Goal of < 2 weeks

- **3.** from Application Start to Preliminary Medicaid Managed Care Plan Assignment while Awaiting Eligibility Determination
- **4.** Pilot Community Support for Select High-Risk Demographic Groups (Community Health Worker/Community Breastfeeding Educator/Doula Model)
- Establish Universal Evidence-Based High-Risk Screening for Pregnant Women
 with Timely Referral and Communication of Risks to Medicaid Managed Care Plans
- 6. Build a Hospital-Based Method of Tracking Birth Outcomes with Quarterly Data at the Community Level

Acknowledgements

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