





Education is the kindling of a flame, not the filling of a vessel.

Socrates





## **Objectives**

- Understand factors driving disparities in Maternal Health
- Understand key factors impacting Indigenous Maternal Health
- Discuss challenges and opportunities for improvement in Indigenous Maternal Health for Veterans







## Arizona Advisory Council on Indian Health

- Established by A.R.S. 36-2902.01: "...to give tribal governments, tribal organizations and urban Indian health care organizations in this state, representation in shaping Medicaid and health care policies and laws that impact the populations they serve."
- Advisory Board representing Arizona tribes
- A.R.S. 36-2902.02 (f) permits AACIHC to apply for and seek grant opportunities and employ grant-funded staff
- Website: https://aacihc.az.gov





### **AACIHC Mission and Vision**

### **Mission Statement**

The mission of the AACIHC is to serve as a resource for all Tribal governments and the State of Arizona by *supporting* prevention, training, education, workforce development, policy and legislation to meet the unique health care needs of American Indian and Alaska Native (AI/AN) populations in Arizona. We seek to educate and advocate for improved health outcomes.

### **Vision Statement**

The AACIHC strives to be recognized as a *trusted* resource on health equity for all Tribal Nations and American Indian/Alaska Native (AI/AN) communities throughout Arizona.





## **Factors Driving Disparities in Maternal Health**

Social and Economic Factors Drive Health Outcomes

Economic Stability	Neighborhood and Physical Environment	Education	Food	Community and Social Context	Health Care System
		Racism and I	Discrimination		
Employment	Housing	Literacy	Food security	Social integration	Health coverage
Income Expenses Debt Medical bills Support	Transportation Safety Parks Playgrounds Walkability Zip code / geography	Language Early childhood education Vocational training Higher education	Access to healthy options	Support systems  Community engagement Stress Exposure to violence/trauma	Provider availability Provider linguistic and cultural competency Quality of care

Health Outcomes: Mortality, Morbidity, Life Expectancy, Health Care Expenditures, Health Status, Functional Limitations

Racial Disparities in Maternal and Infant Health: An Overview. Accessed at: <a href="https://www.kff.org/report-section/racial-disparities-in-maternal-and-infant-health-an-overview-issue-brief/">https://www.kff.org/report-section/racial-disparities-in-maternal-and-infant-health-an-overview-issue-brief/</a>





### **Impact of COVID-19 Pandemic on Maternal Health**

- Pregnant individuals at a heightened risk of more severe symptoms than non-pregnant individuals.
- Severe increases in clinically relevant anxiety and depression:
  - Fear of vertical transmission of the virus
  - Limited accessibility of antenatal care resources
  - Lack of social support
  - Social distancing and isolation/quarantine procedures
  - Postponement of many non "essential" health services
- Strained healthcare infrastructure: Prenatal care visits decreased.
- Women were more likely to lose their income than men, and working mothers struggled with increased childcare demands.





### **Historical Trauma**

- The cumulative, multigenerational, collective experience of emotional and psychological injury among tribal nations and their descendants.
- Traumatic events of colonization:
  - Forced relocation: to distant lands and reservations
  - Genocide: wars and massacres
  - Abduction of youth to more than 350 government-funded boarding schools





### Impact of Historical Trauma

- Breakdown of traditional American Indian culture and language
- Alcohol and substance misuses
- Depression, anxiety and suicidality
- Child physical/sexual abuse and neglect
- Domestic violence
- Posttraumatic stress disorder
- General loss of meaning and sense of hope
- Internalized oppression and self-hatred
- Health related conditions: obesity, diabetes, coronary heart disease heart disease, cancer



SAMHSA. Understanding Historical Trauma and Resilience When Responding to an Event in Indian Country. Accessed at:

https://store.samhsa.gov/sites/default/files/pep22-01-01-005.pdf



## Key Factors Impacting Indigenous Maternal Health

#### **Indian Health Services:**

 Insufficient funding for the Indian Health Service results in inadequate facilities, limited access to specialists, and overall poor quality of care.

#### **Geographic barriers:**

Remote areas with limited access to prenatal appointments.

#### Historical trauma and mistrust:

 Past policies like forced sterilization and cultural assimilation have created distrust resulting in reluctance to seek care.

#### **Cultural competency:**

• Lack of culturally sensitive healthcare providers can further hinder access to appropriate care during pregnancy and childbirth.

#### Medicaid expansion:

 Medicaid expansion can improve access to healthcare for some Native American women, but gaps still exist due to varying eligibility criteria and geographic limitations.

NIH. National Library of Medicine. The maternal health of American Indian and Alaska Native people: a scoping review. Accessed at:

https://pmc.ncbi.nlm.nih.gov/articles/PMC9875554/#:~:text=Finally%2C%20AI%2FAN%20people%20are,2020%3B%20Petersen%202019







## Indian Health Service System: I/T/U

#### Indian Health Services (I)

- Federal facilities consisting of hospitals and clinics.
- Funded at 50% of need for adequate care.
- 12 Regional Offices

#### Tribal (T)

- Compact or Contract to provide health services
- Specialty care through Purchased/ Referred Care dollars for "life or limb"

#### Urban Indian Health Programs (U)

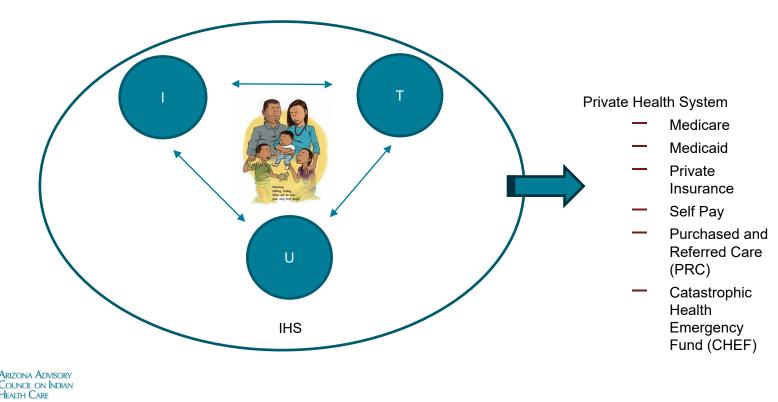
- Receive approximately 1% of IHS Budget and only one line item
- 3 levels of programs: Comprehensive, Limited, and Outreach and Referral
- Wide variability of services



www.ncuih.org



## I/T/U System of care





### Native American Women Veterans

- March 2024 Honoring of Native American Women Veterans
- Native American Women first joined the U.S. Military during WWII
- Native American Women Veterans represent approximately 11.3% of all women Veterans
  - A higher percentage than women in all other demographics

Women's History Month: Honoring Native American Women Veterans. Accessed at: <a href="https://www.va.gov/tomah-health-care/stories/womens-history-month-honoring-native-american-women-veterans/">https://www.va.gov/tomah-health-care/stories/womens-history-month-honoring-native-american-women-veterans/</a>





## Indian Health Service (IHS) Maternal Healthcare

- Women's Primary Care
  - Gynecologic examinations
  - Family planning and contraceptive services
  - Mammograms and ultrasounds
  - Mental health care
- Maternal Health
  - Prenatal education and screening
  - Specialty consults/referrals High risk pregnancy
  - Labor and delivery postpartum care
  - Newborn care
- Care Coordination
  - Access to other healthcare and community resources





#### **VA Maternal Healthcare**

- Women's Primary Care
  - Gynecologic examinations
  - Family planning and contraceptive services
  - Mammograms and ultrasounds
  - Lifestyle wellness and Mental health care
- Maternal Health
  - Prenatal education and screening
  - Genetic testing and specialty consults (high risk pregnancy)
  - Labor and delivery postpartum care
  - Newborn care (7 days)
- Care Coordination
  - Access to other healthcare and community resources





## Memorandum of Agreement – VA and IHS

The IHS and VA collaborate to improve the health status of American Indian and Alaska Native (AI/AN) veterans.

October 2010: an MOU between VA and IHS was renewed and signed to establish coordination, collaboration, and resource-sharing between VA and IHS.

December 2012: VA and IHS signed a reimbursement agreement allowing VA to financially compensate IHS for direct health care provided to AI/AN veterans that are part of the VA's system of patient enrollment.

VA reimbursement includes direct care service provided in the medial benefits package available to veterans, including inpatient hospital, outpatient hospital and clinic, ambulatory surgical, and outpatient pharmacy services.

The IHS reimbursement agreement serves as a template for the VA to enter in similar partnerships with tribally managed facilities.

Indian Health Service. VA IHS MOU. Accessed at: <a href="https://www.ihs.gov/vaihsmou/">https://www.ihs.gov/vaihsmou/</a>





### Female Veteran Health Issues

- Mental health issues: Depression, anxiety, posttraumatic stress disorder (PTSD), eating disorders, and reproductive (gynecologic) health conditions
- Physical health issues: Hypertension, elevated cholesterol, cancer and back pain. Military related injuries
- Substance use disorders: Alcohol misuse and substance use disorder
- Spiritual/cultural isolation: loss of belonging
- Other issues: Sexual harassment and assault, bullying, discriminatory behavior and lack of recognition



U.S. Department of Veteran's Affairs. Office of Research and Development. *Overview of VA research on Women's Health.* Accessed at: https://www.research.va.gov/topics/womens\_health.cfm



#### **EQUITABLE MATERNAL HEALTHCARE SYSTEM**

- A system of maternal care with integrated services providing care before the pregnancy, management of labor and delivery, postpartum and neonatal care.
  - "Meaningful" Access to care
  - Identify risks early
  - Linkages to appropriate level of care interdisciplinary
  - Continuity and comprehensiveness of care
  - Training in the SDOH and Cultural Humility
  - Promote efficient use of resources
  - Create functional partnerships: non-IHS system hospitals, private practice groups, academic health centers
  - Telehealth services



Guidelines for Perinatal Care. Accessed at: <a href="https://www.acog.org/clinical-information/physician-faqs/-/media/3a22e153b67446a6b31fb051e469187c.ashx">https://www.acog.org/clinical-information/physician-faqs/-/media/3a22e153b67446a6b31fb051e469187c.ashx</a>



## Native American Perception of Care



"[Her doctor] did not know how to heal an illness, only how to cut it out...more to herself...she added, He [doctor] did not know my clan, my family, my history. How could [the doctor] know how to heal me?"

- Cherokee Chief Wilma Mankiller





# Chíokoe (Thank you)...



"Let us put our minds together to see what we can build for our children" - Chief Sitting Bull (Hunkpapa Lakota, Leader and Healer)



