

# Welcome!

We are so glad you are here!

We will get started shortly.  
In the meantime, we invite you to  
intentionally enter this space.



Silence your cell  
phone



Stretch



Close the door



Take a few deep  
breaths



Close browser  
windows



Emotionally release  
your to-do list



Check your audio  
and video



Take a bio break

**American Indian Maternal, Child, and Family Health**

Friday, November 5, 2021 || 3:00—4:00 pm ET

**NICHQ**  
National Institute for  
Children's Health Quality

**HEALTHY**  
**start**  
TA & SUPPORT CENTER



THIS SESSION IS BEING RECORDED.



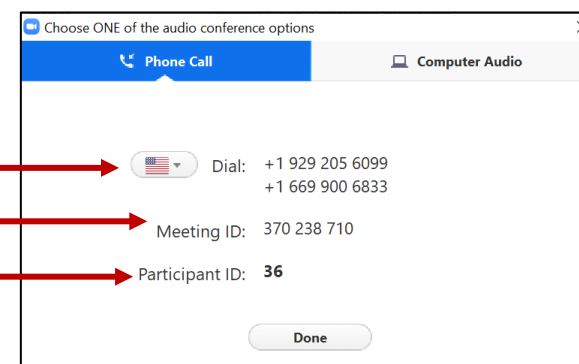
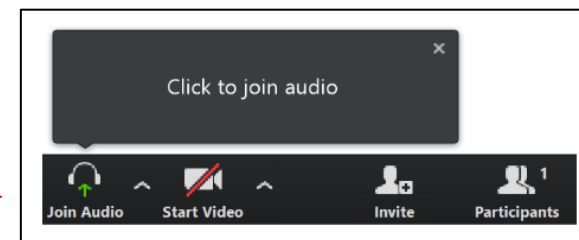
ALL PARTICIPANTS ARE MUTED DURING THIS SESSION.



PARTICIPANTS ARE ENCOURAGED TO SHARE COMMENTS VIA THE CHAT MODULE AND ASK QUESTIONS VIA THE Q&A MODULE IN WHOVA (ON THE MOBILE APP OR BROWSER).

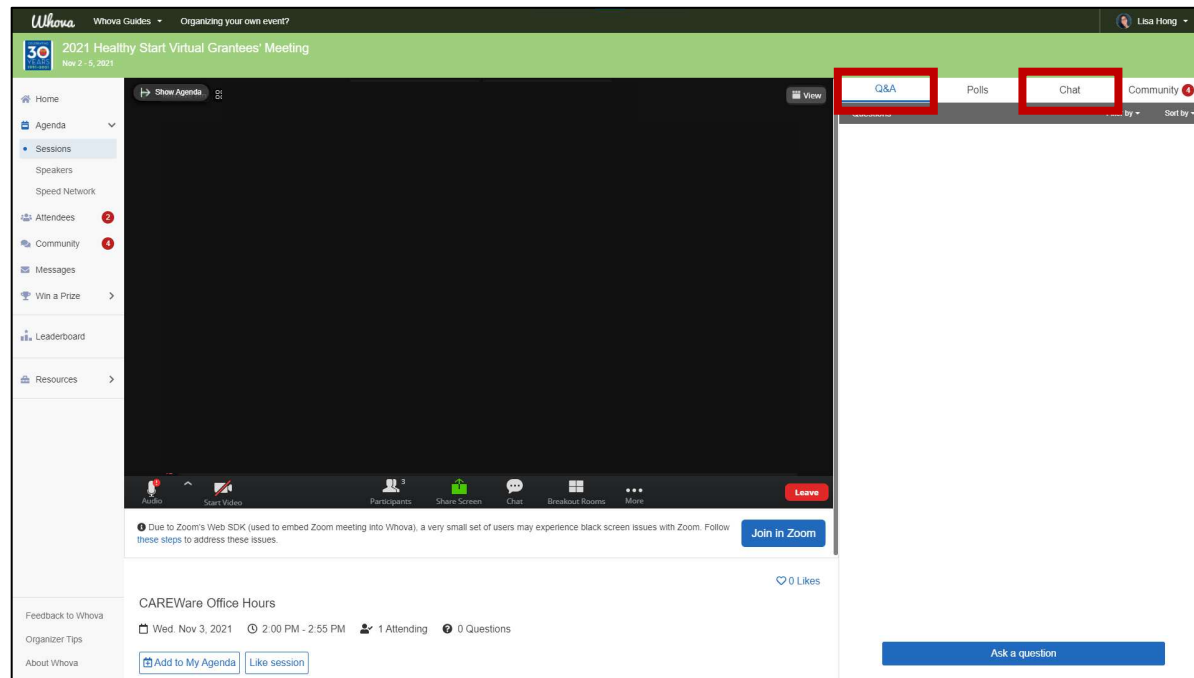
# Audio

- AFTER YOU JOIN THE ZOOM SESSION, AN AUDIO CONFERENCE BOX MAY APPEAR
  - IF YOU DO NOT SEE THE BOX, CLICK **'Join Audio'**
- FROM THE AUDIO CONFERENCE BOX, SELECT **'Phone Call'** OR **'Computer Audio'**
  - IF USING THE PHONE:
    - DIAL ONE OF THE GIVEN NUMBERS NEXT TO **'Dial'**
    - YOU WILL BE PROMPTED TO ENTER THE **Meeting ID**
    - THEN YOU WILL BE PROMPTED TO ENTER THE **Participant ID**

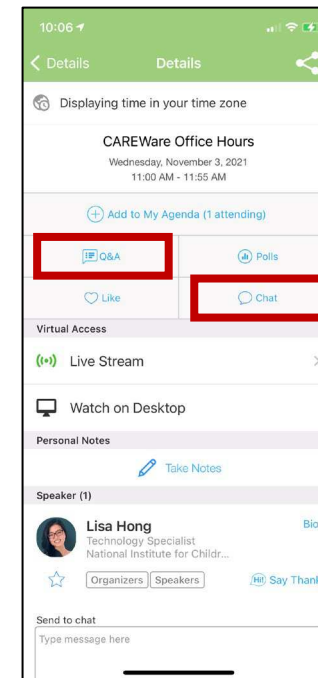


# Chat and Q&A via Whova

## DESKTOP BROWSER



## MOBILE APPLICATION





# Like what you see?

*THE HEALTHY START TA & SUPPORT CENTER IS NOW ACTIVE ON SOCIAL MEDIA!*

1. TAKE A PICTURE OR A SCREENSHOT
2. SHARE ON INSTAGRAM OR TWITTER!
3. DON'T FORGET TO TAG @HS\_TASC AND @NICHQ AND INCLUDE HASHTAGS #HEALTHYSTARTVGM2021 AND #HEALTHYSTARTSTRONG

# Technical Issues

IF YOU EXPERIENCE ANY TECHNICAL CHALLENGES WITH WHOVA,  
PLEASE EMAIL [SUPPORT@WHOVA.COM](mailto:SUPPORT@WHOVA.COM)

FOR ALL OTHER QUESTIONS,  
PLEASE EMAIL [HEALTHYSTART@NICHQ.ORG](mailto:HEALTHYSTART@NICHQ.ORG).



# American Indian Maternal, Child, and Family Health

## Plenary

*FRIDAY, NOVEMBER 5  
3:00–4:00 PM ET*

*THE HEALTHY START TA & SUPPORT CENTER IS OPERATED BY THE NATIONAL INSTITUTE FOR CHILDREN'S HEALTH QUALITY (NICHQ). THIS PROJECT IS SUPPORTED BY THE HEALTH RESOURCES AND SERVICES ADMINISTRATION (HRSA) OF THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES (HHS) UNDER GRANT NUMBER 1 UF5MC327500100 TITLED SUPPORTING HEALTHY START PERFORMANCE PROJECT.*

**NICHQ**  
National Institute for  
Children's Health Quality

**HEALTHY**  
**start**  
TA & SUPPORT CENTER







# Our Speaker

**Donald Warne, MD, MPH**

ASSOCIATE DEAN AND DIRECTOR  
INDIANS INTO MEDICINE (INMED) AND  
PUBLIC HEALTH PROGRAMS  
UNIVERSITY OF NORTH DAKOTA  
SCHOOL OF MEDICINE & HEALTH SCIENCES

# American Indian Maternal, Child, and Family Health Equity

Donald Warne, MD, MPH

*Oglala Lakota*

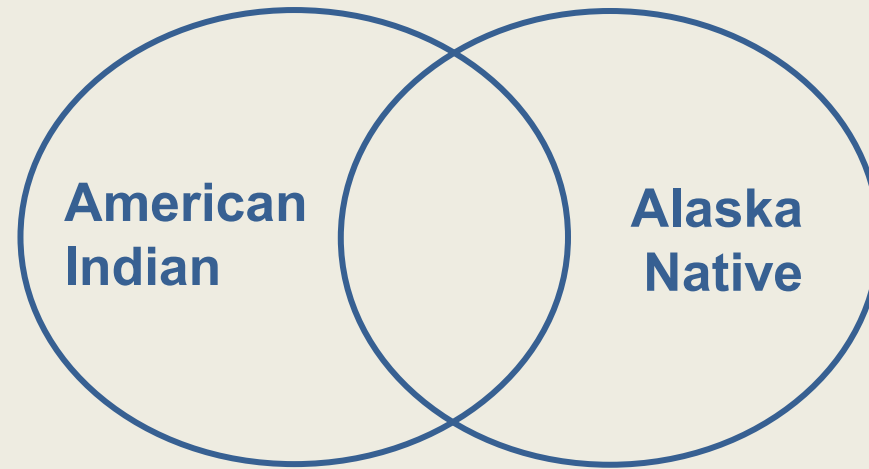
Associate Dean, Diversity, Equity & Inclusion

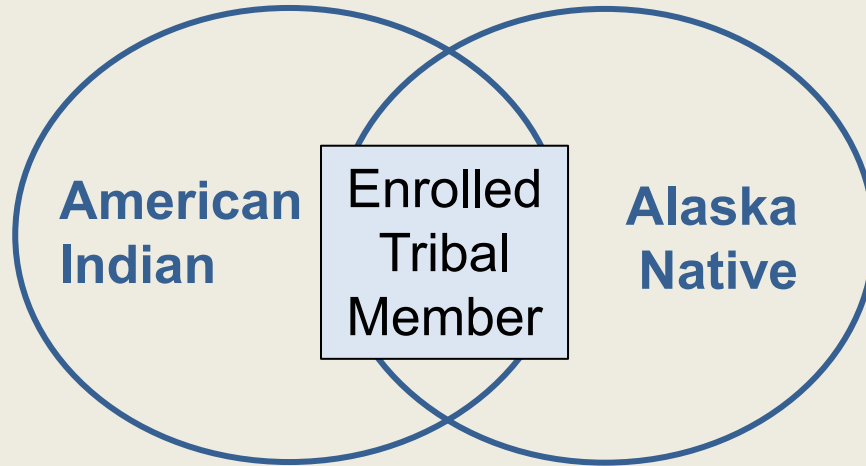
Director, INMED & Public Health Programs

# Land Acknowledgement

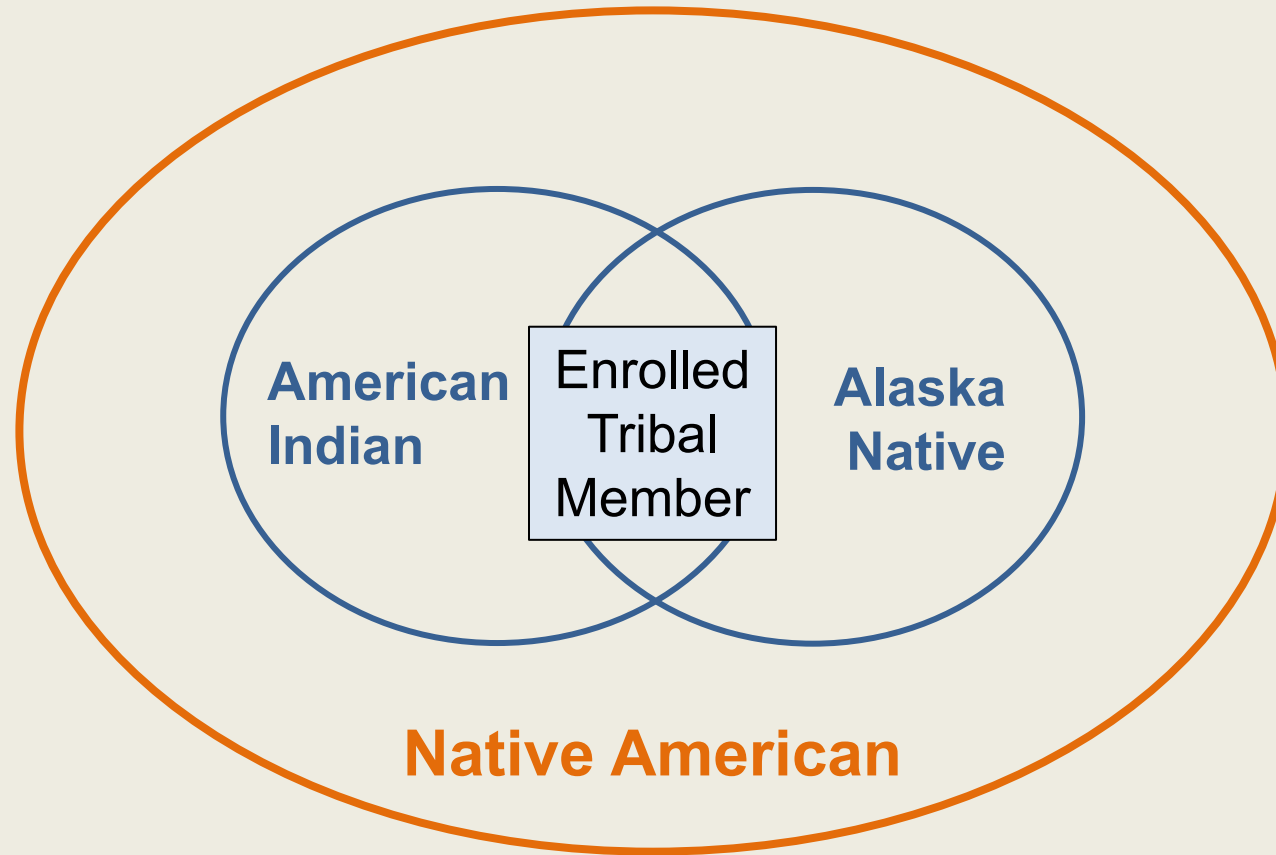


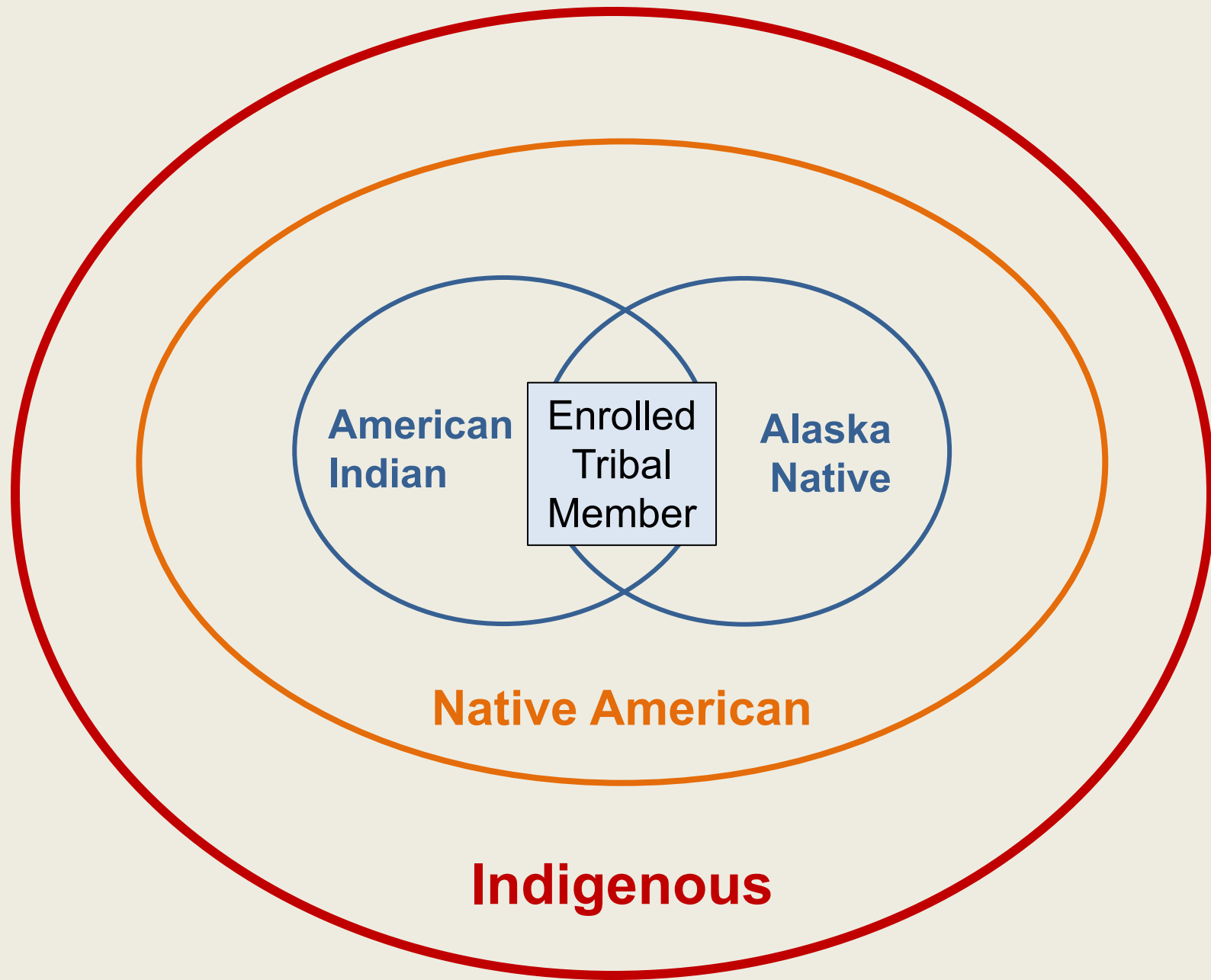
Today, the University of North Dakota rests on the ancestral lands of the Pembina and Red Lake Bands of Ojibwe and the Dakota Oyate - presently existing as composite parts of the Red Lake, Turtle Mountain, White Earth Bands, and the Dakota Tribes of Minnesota and North Dakota. We acknowledge the people who resided here for generations and recognize that the spirit of the Ojibwe and Oyate people permeates this land. As a university community, we will continue to build upon our relations with the First Nations of the State of North Dakota - the Mandan, Hidatsa, and Arikara Nation, Sisseton-Wahpeton Oyate Nation, Spirit Lake Nation, Standing Rock Sioux Tribe, and Turtle Mountain Band of Chippewa Indians.









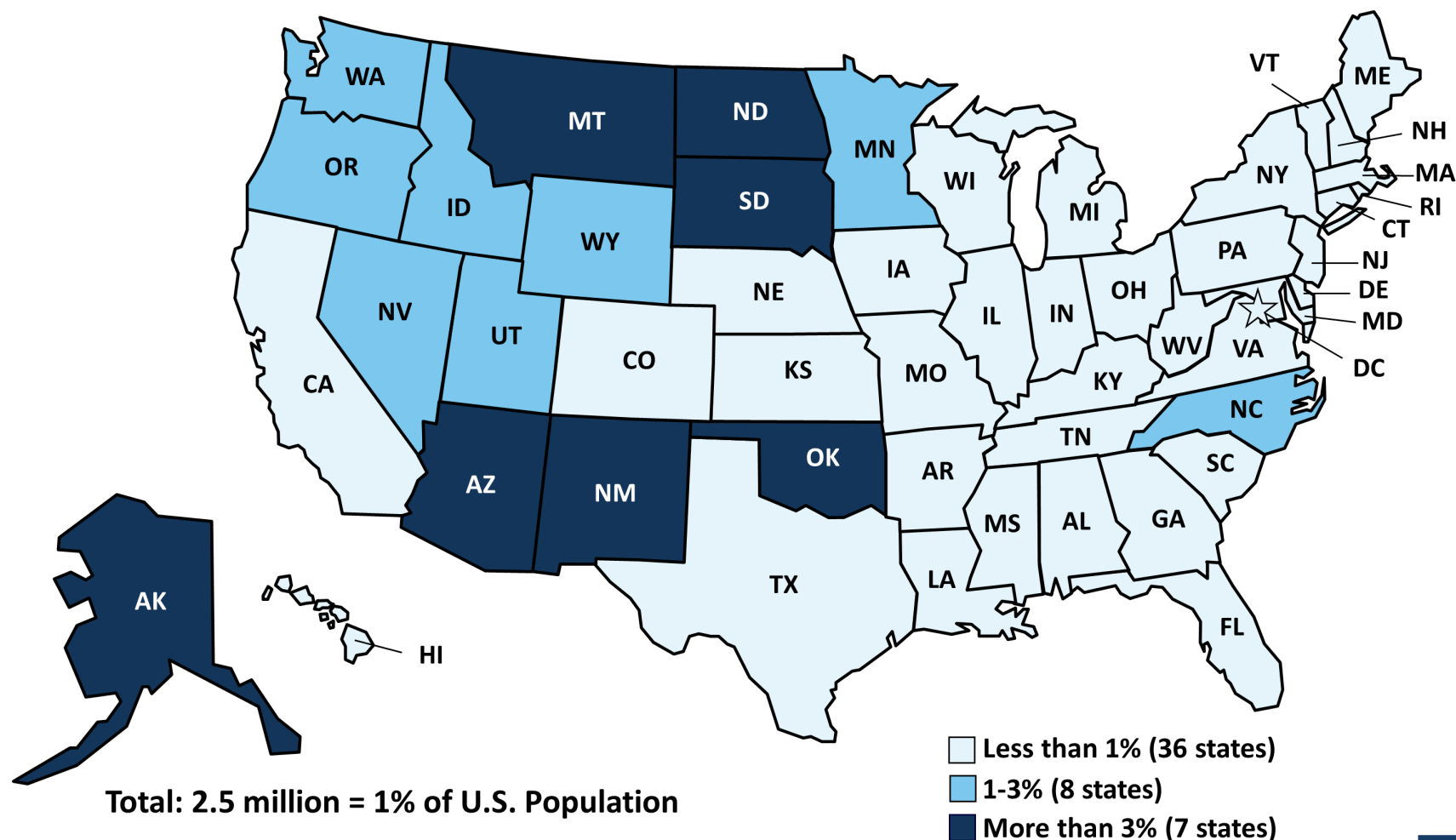


# Pre-Contact Culture Areas



Map by Paula Giese  
Copyright 1993, 1997

# American Indians and Alaska Natives as a Share of the Total Population, by State, 2009-2011



American Indian and Alaska Native includes people of Hispanic origin.  
SOURCE: KCMU analysis of 2009 - 2011 ACS.

1776



NORTH AMERICA

A MAP OF THE UNITED STATES OF AMERICA  
THE TERRITORY OF THE UNITED STATES  
AS THEY WERE IN 1776



UNIVERSITY OF CALIFORNIA

101118-001 391111055692

# NAKOTA





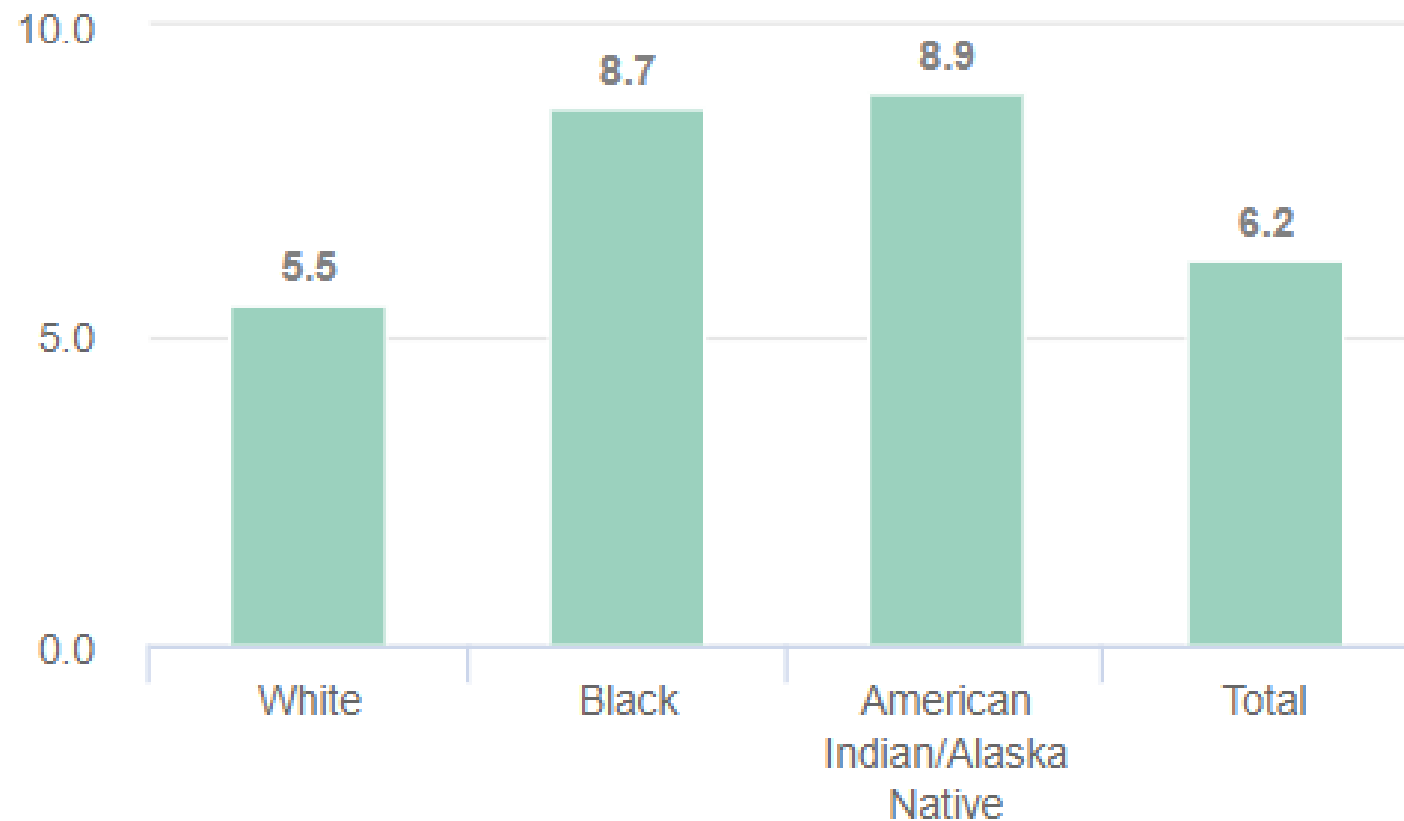






## Infant mortality rates by race: South Dakota, 2016-2018 Average

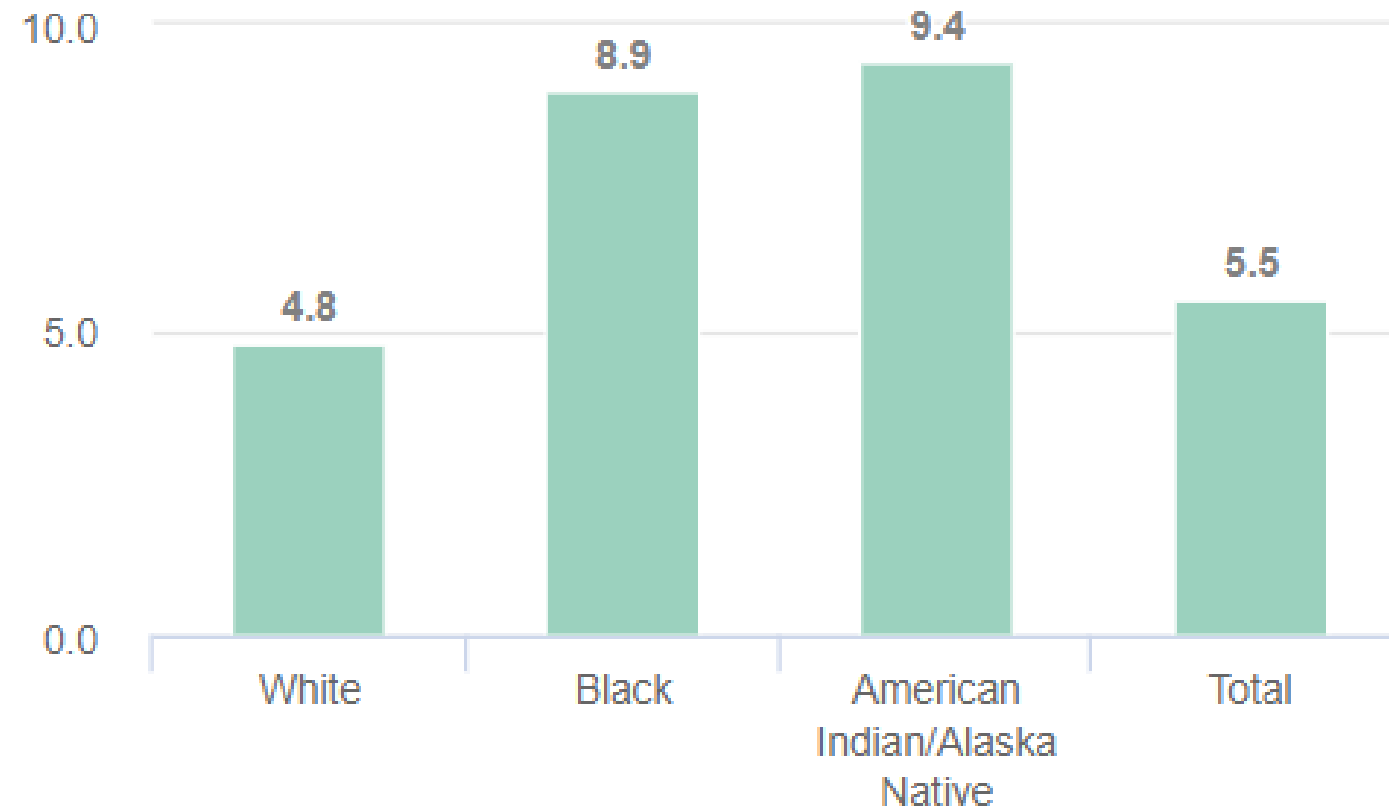
Rate per 1,000 live births



- Data only available for categories shown.

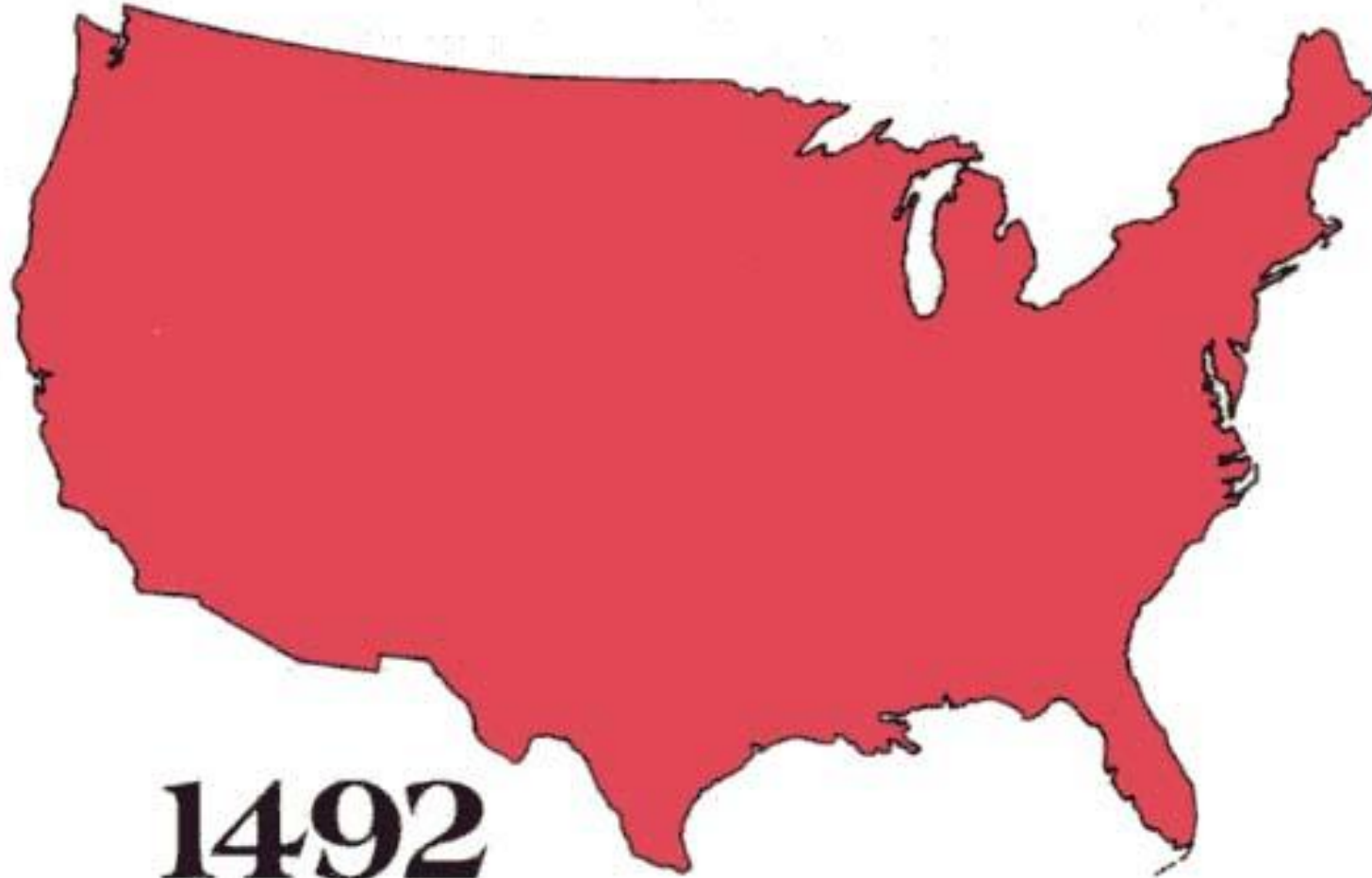
## Infant mortality rates by race: North Dakota, 2016-2018 Average

Rate per 1,000 live births

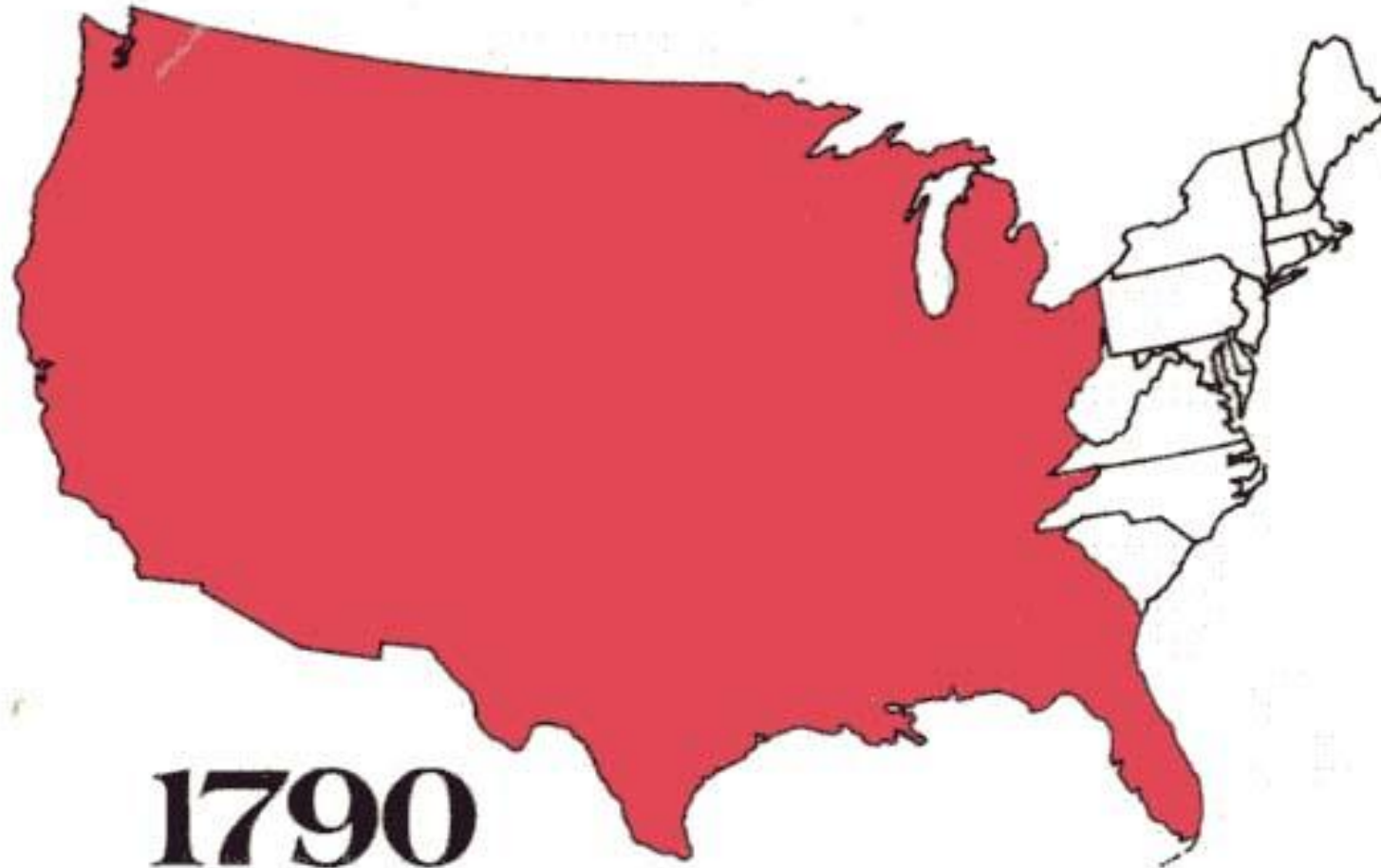


- Data only available for categories shown.

# Historical Context



# Historical Context



1790



T. PETERS '01



(P.S.)

You will do well to try to Inoculate the  
Indians by means of Blanketts, as well as to try  
Every other method that can serve to extirpate  
this execrable Race. I should be very glad your  
Scheme for Hunting them Down by Dogs could take  
Effect

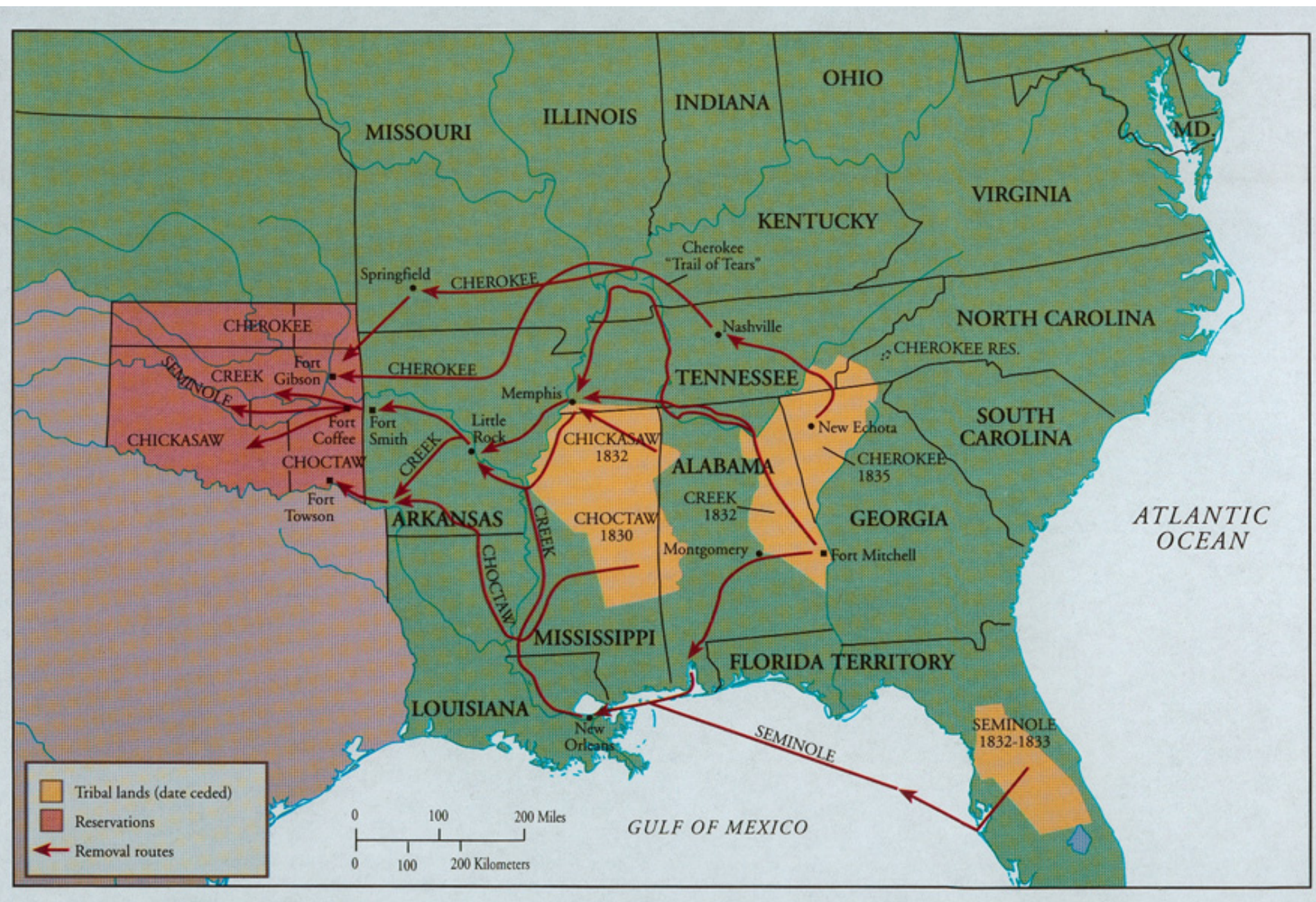
Effect, but England is at too great a Distance  
to think of that at present

You will do well to try to inoculate the Indians by means of Blanketts, as well as to try every other method that can serve to Extirpate this Execrable Race. I should be very glad your Scheme for hunting them Down by Dogs could take effect...

# Historical Context

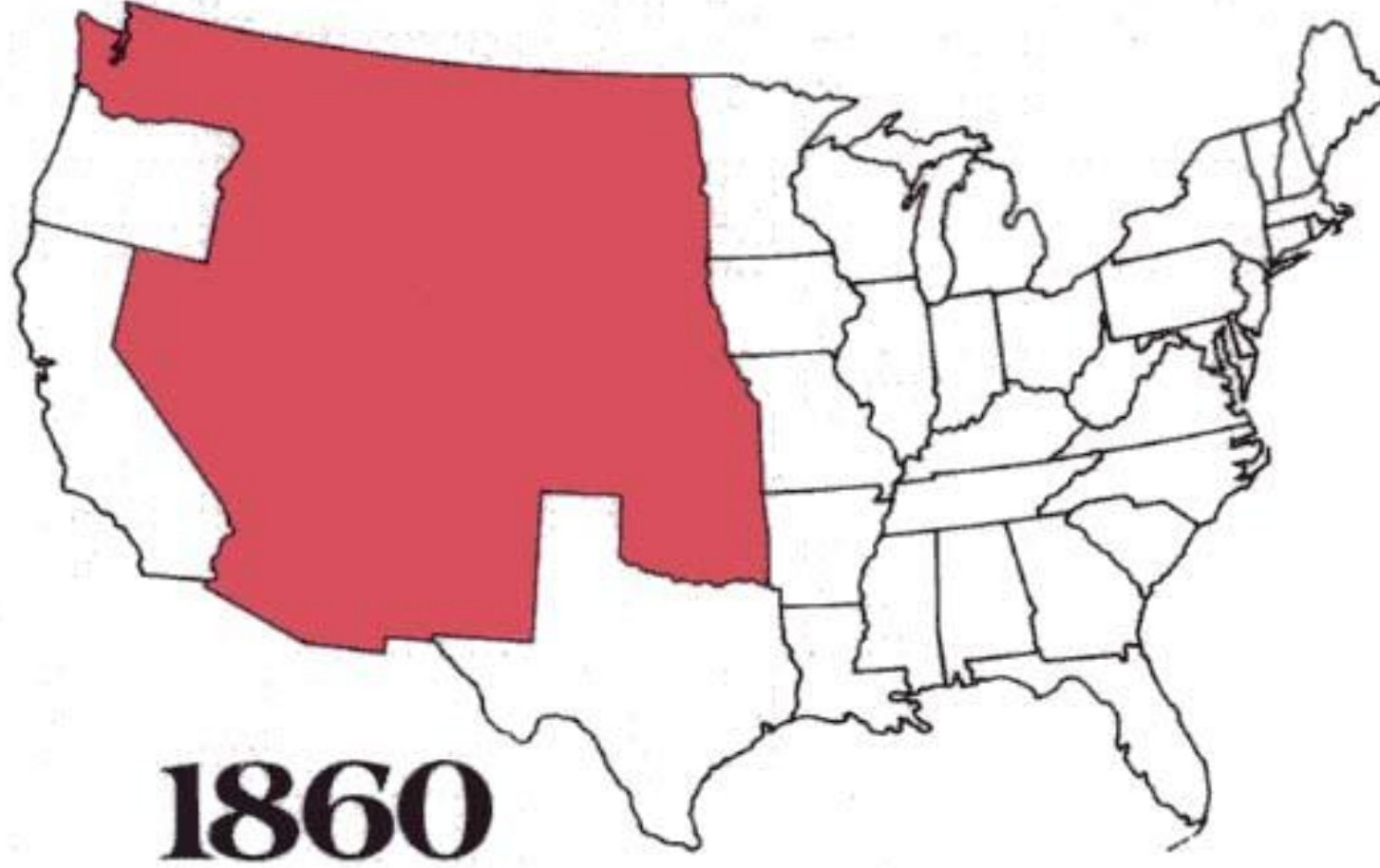




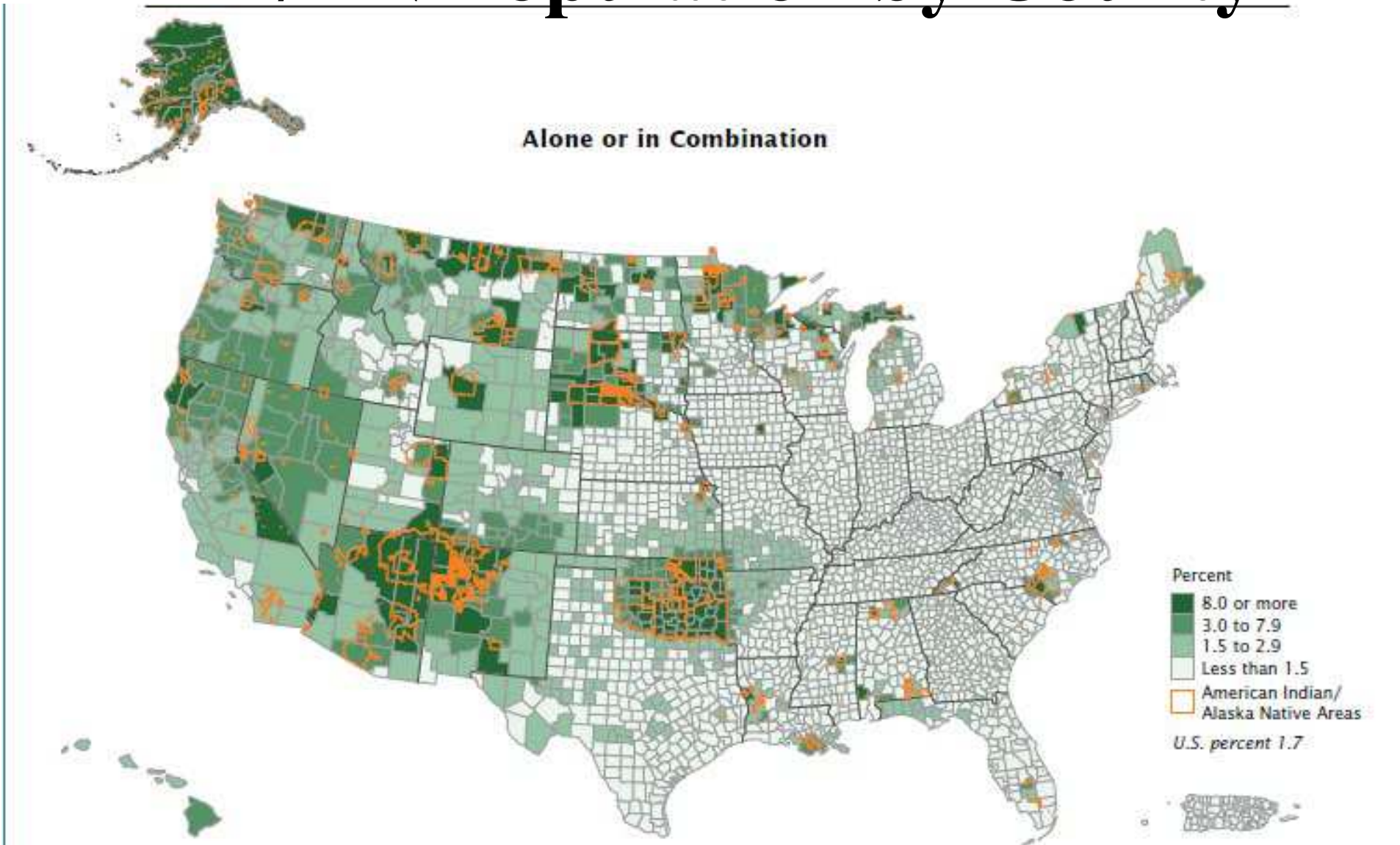




# Historical Context

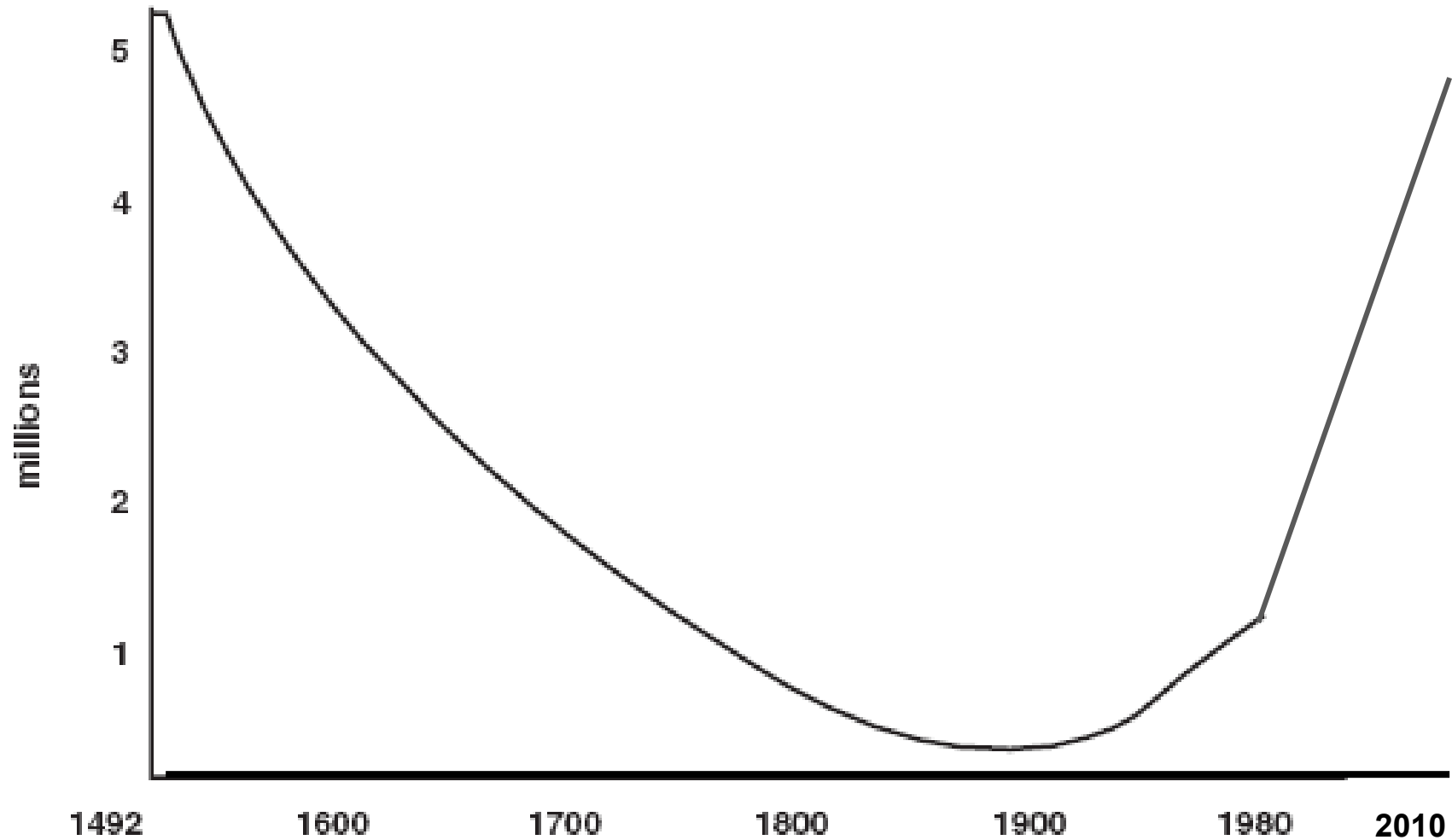


# AI/AN Population by County

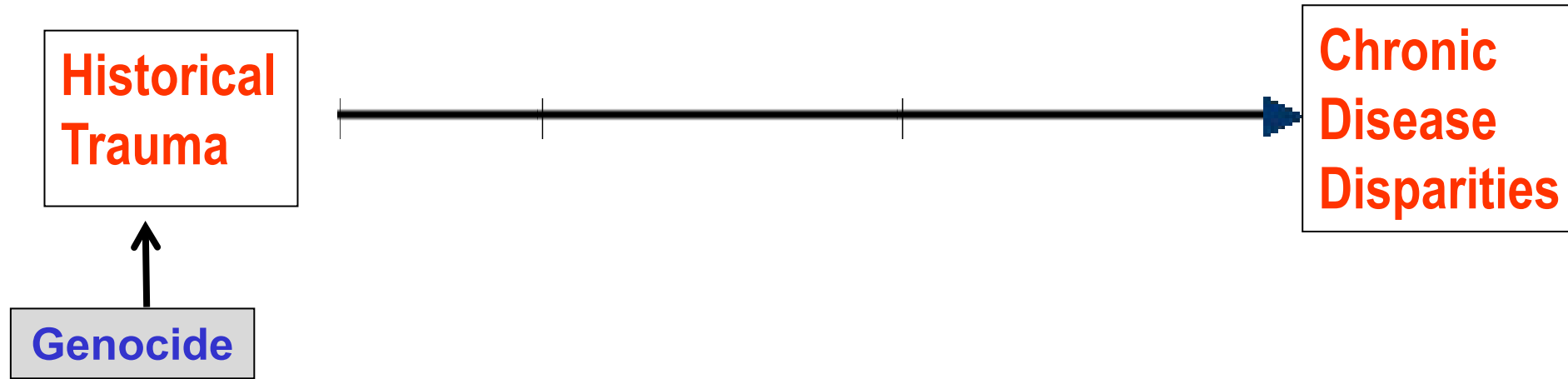


Source: U.S. Census Bureau, 2010 Census Redistricting Data (Public Law 94-171) Summary File, Table P1.

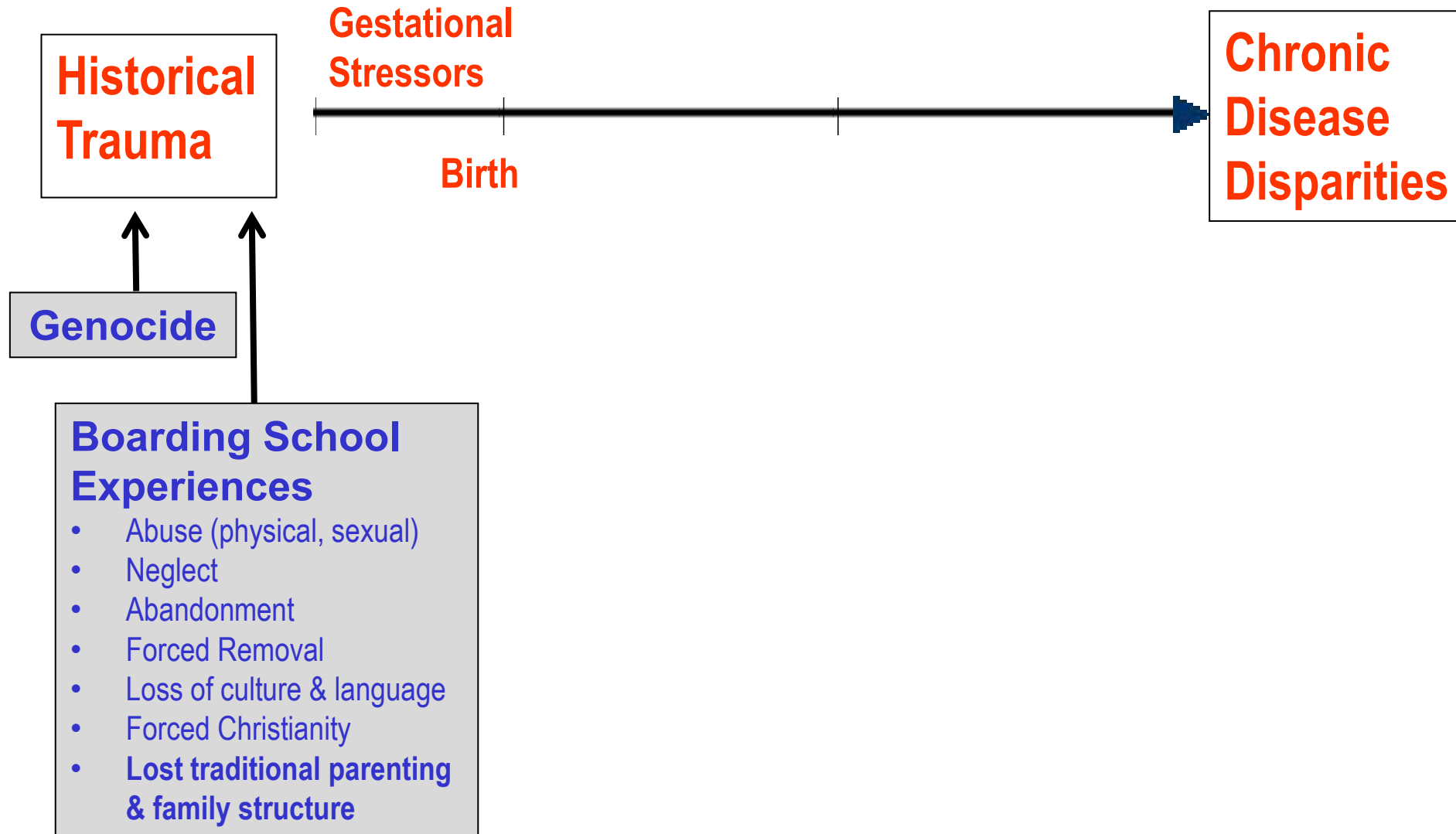
# AI/AN Population Decline and Recovery, 1492 – 2010



# Inter-Generational Basis for Chronic Disease Disparities Among American Indians and Alaska Natives



# Inter-Generational Basis for Chronic Disease Disparities Among American Indians and Alaska Natives



***Historical trauma is the collective emotional wounding across generations that results from massive cataclysmic events – Historically Traumatic Events (HTE)\****



- The trauma is held personally and transmitted over generations. Thus, even family members who have not directly experienced the trauma can feel the effects of the event generations later







TOM TORLING—NAVAJO

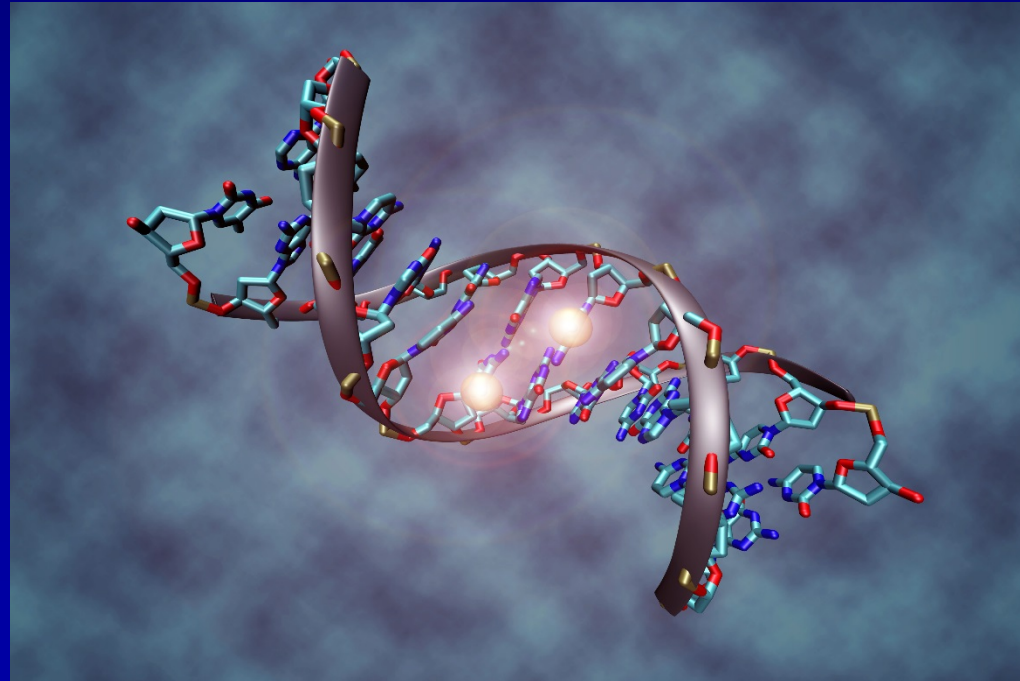
AS HE ENTERED THE SCHOOL IN 1882.

AS HE APPEARED THREE YEARS LATER.

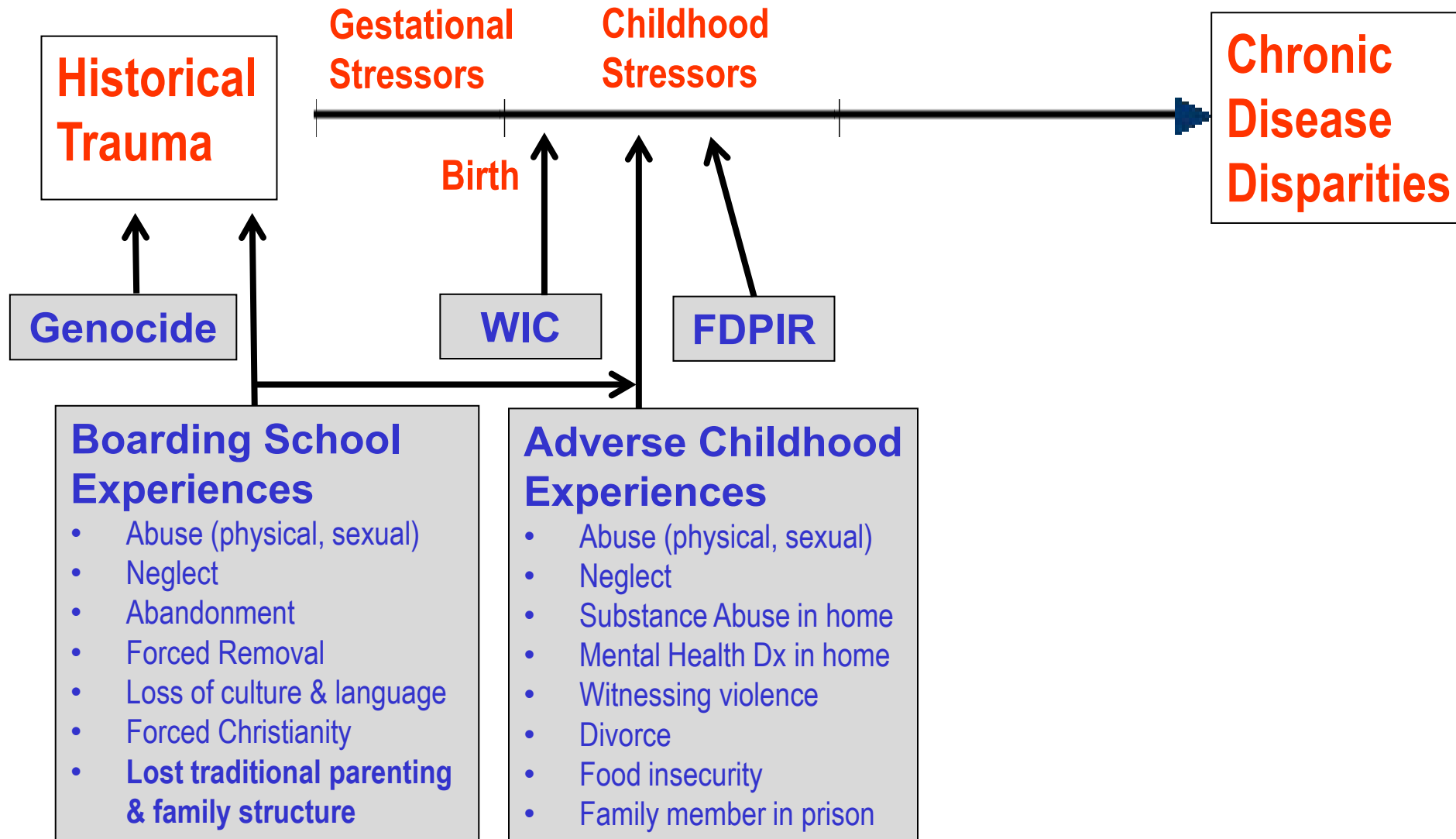


# Epigenetics

- Epigenetics refers to the study of changes in the regulation of gene activity and expression that are not dependent on DNA sequence.



# Inter-Generational Basis for Chronic Disease Disparities Among American Indians and Alaska Natives



# Impact of ACEs on Health

## ACES can have lasting effects on....



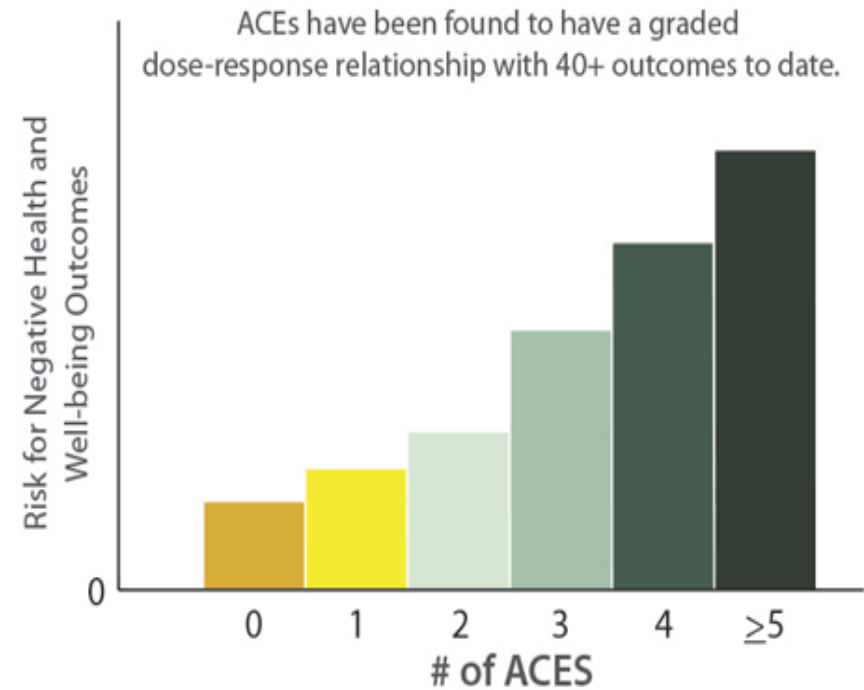
Health (obesity, diabetes, depression, suicide attempts, STDs, heart disease, cancer, stroke, COPD, broken bones)



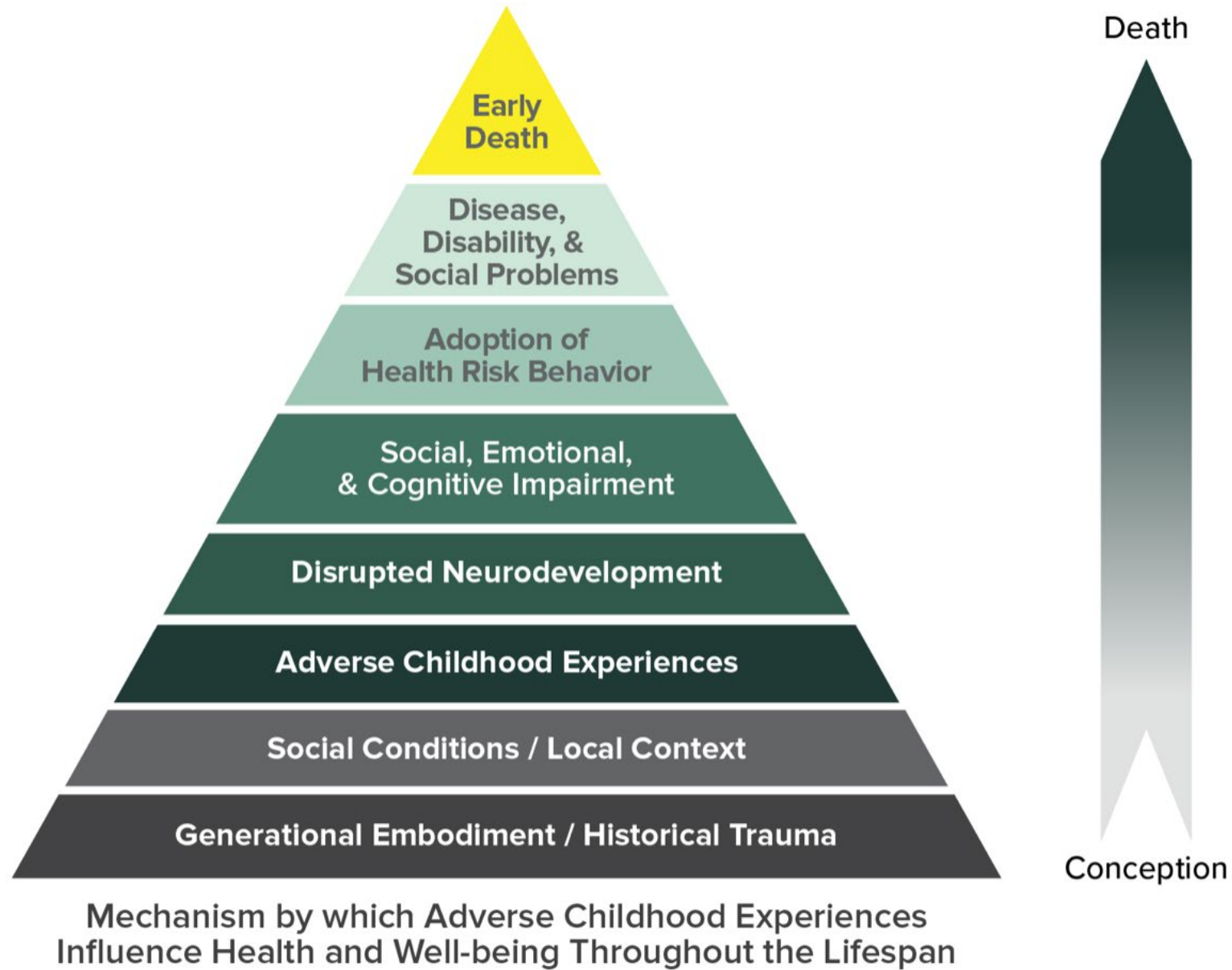
Behaviors (smoking, alcoholism, drug use)



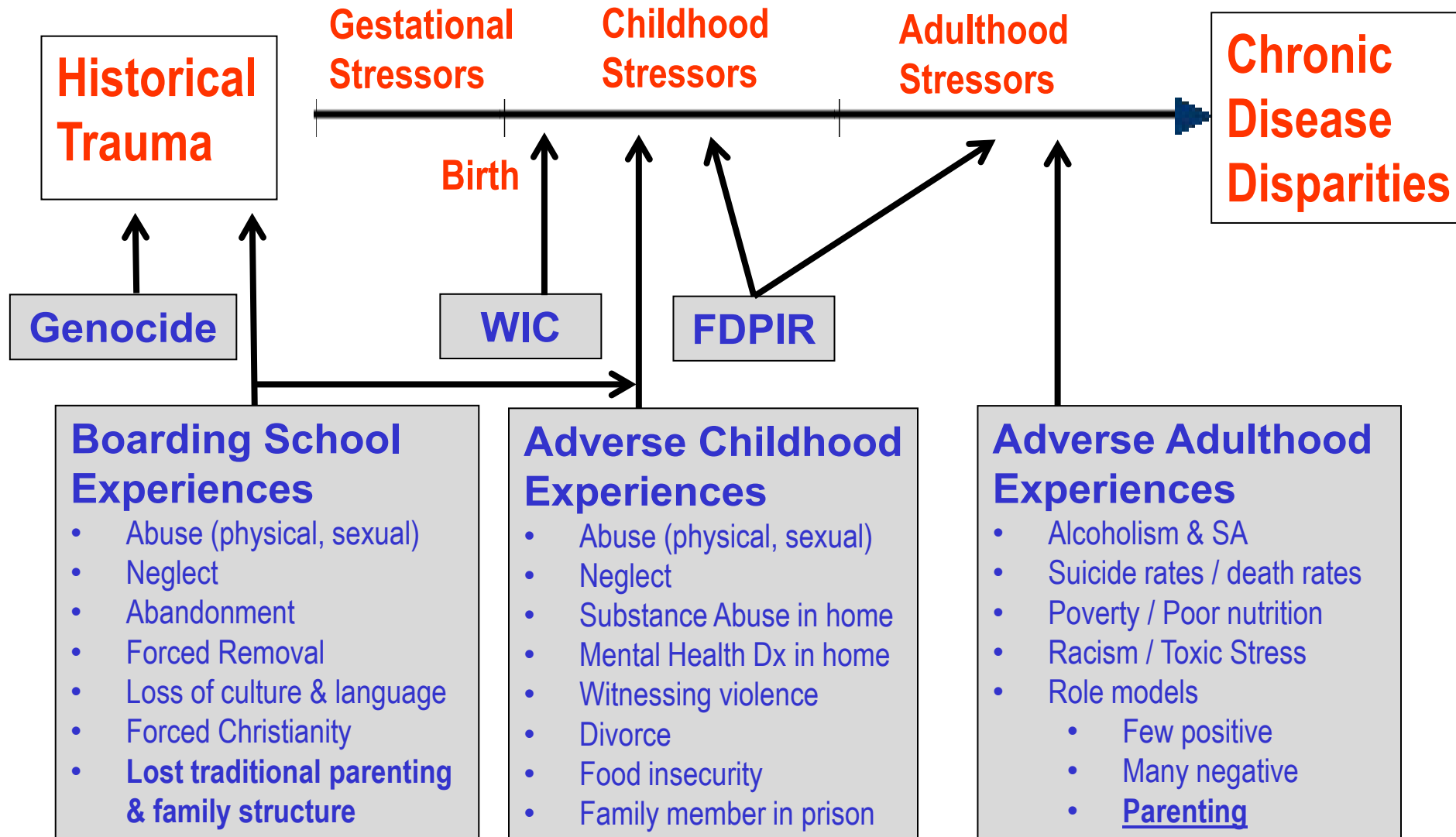
Life Potential (graduation rates, academic achievement, lost time from work)



\*This pattern holds for the 40+ outcomes, but the exact risk values vary depending on the outcome.

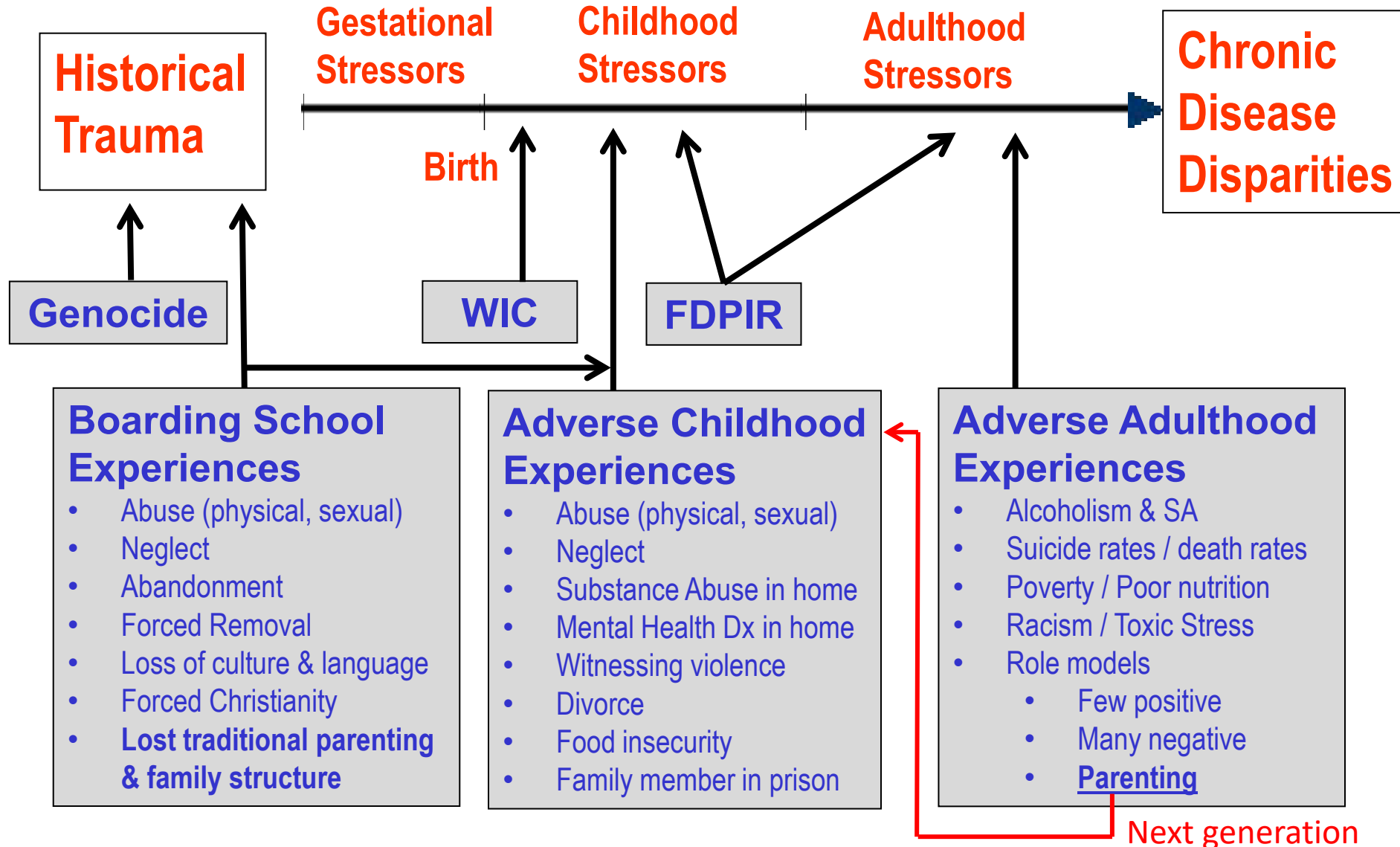


# Inter-Generational Basis for Chronic Disease Disparities Among American Indians and Alaska Natives





# Inter-Generational Basis for Chronic Disease Disparities Among American Indians and Alaska Natives



# AI/AN Health Disparities

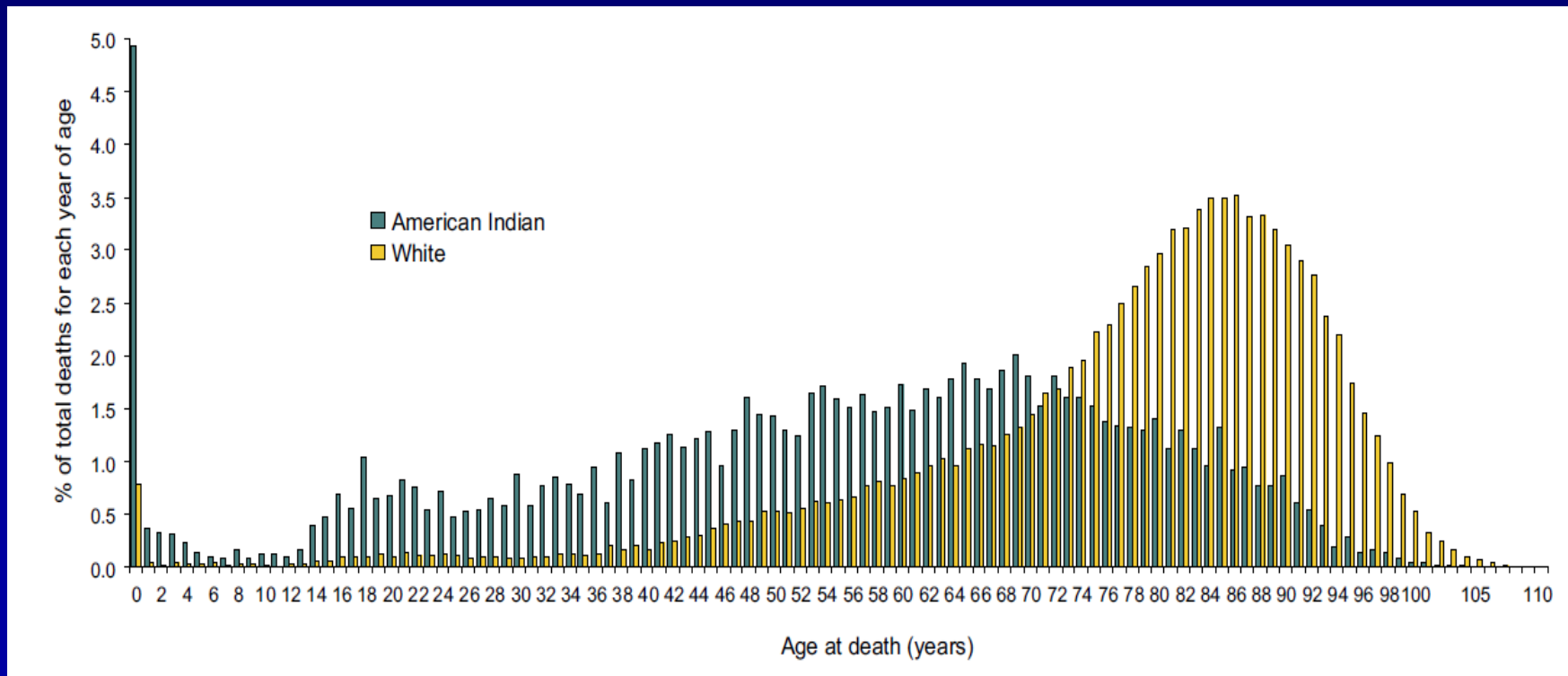
Average age at death in ND (2009 – 2019):

77.7 Years in the White Population

**54.7** Years in the AI Population

# AI/AN Health Disparities

*Average age at death in SD: **81 v 54***

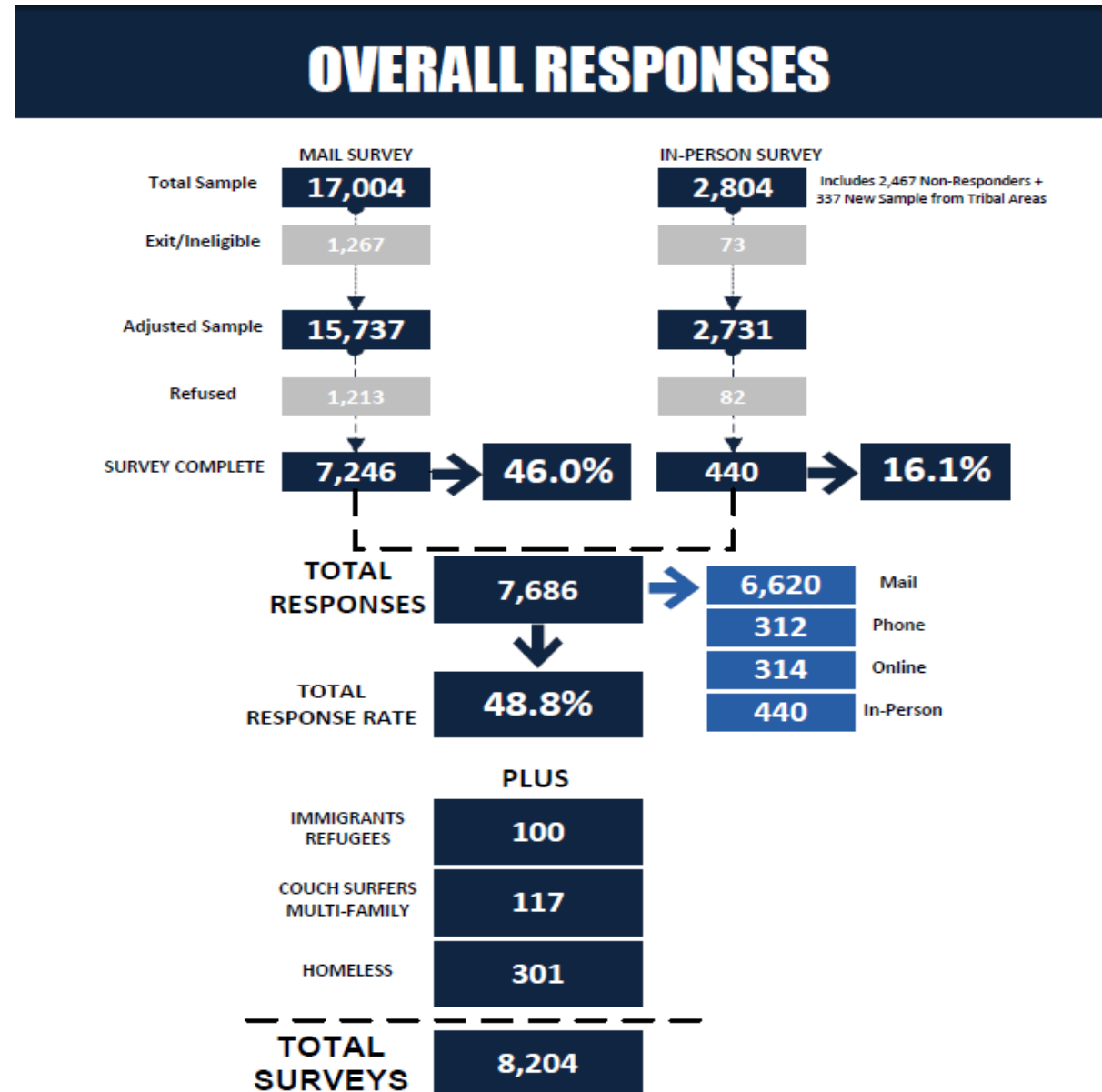


# South Dakota Health Survey

The survey included questions on:

- Basic information, including age, sex, race;
- Self-reported health status, including chronic diseases, depression, and other health issues;
- Mental Health Screening;
- Access to services, including cost, distance, and other access issues; and
- Adverse Childhood Experiences.

# South Dakota Health Survey





## DEMOGRAPHIC CHARACTERISTICS FOR AI AND NON-AI RESPONDENTS

	American Indian (n = 516)	Non-American Indian (n = 7078)	Total (n = 7593)	p value
Age				.0002
18–34	36.63%	29.69%	30.34%	
35–64	57.62%	49.94%	50.65%	
65 and older	5.75%	20.37%	19.01%	
Gender				.21
Male	37.16%	43.08%	42.53%	
Female	62.84%	56.92%	57.47%	

	AI	Non-AI	Total	p-value
Employment status				<u>&lt;.0001</u>
Not employed	31.60%	7.58%	9.64%	
Employed part time	11.91%	19.63%	18.97%	
Employed full time	49.59%	54.47%	54.05%	
Retired	6.89%	18.31%	17.34%	
Income (%FPL)				<u>&lt;.0001</u>
<50% FPL	38.90%	12.73%	15.17%	
50–138% FPL	22.48%	10.18%	11.33%	
138–250% FPL	17.29%	22.46%	21.98%	
250–400% FPL	11.13%	28.75%	27.11%	
>400% FPL	10.20%	25.88%	24.42%	
Education				<u>&lt;.0001</u>
Less than high school	9.95%	3.23%	3.85%	
High school diploma or GED	39.29%	32.40%	33.05%	
Vocational or 2-yr. degree	24.86%	23.87%	23.96%	
4-year college degree	22.47%	25.69%	25.39%	
Advanced or graduate degree	3.44%	14.81%	13.75%	

<b>Adverse Childhood Experiences <i>Domains</i></b>	<b>American Indian (n = 516)</b>	<b>Non-American Indian (n = 7078)</b>	<b>Significance</b>
Abuse			
Emotional Abuse	30.10%	17.41%	.0008*
Physical Abuse	24.51%	12.31%	.0002*
Sexual Abuse	15.53%	9.60%	.0263*
Neglect			
Emotional Neglect	25.87%	14.00%	.0005*
Physical Neglect	15.89%	2.78%	<.0001*
Household Dysfunction			
Mother Treated Violently	23.76%	5.31%	<.0001*
Household Substance Abuse	50.04%	21.49%	<.0001*
Household Mental Illness	24.36%	13.89%	.0032*
Parental Separation or Divorce	39.34%	20.17%	<.0001*
Incarcerated Household Member	22.57%	3.73%	<.0001*

# AI ACE Disparities in South Dakota

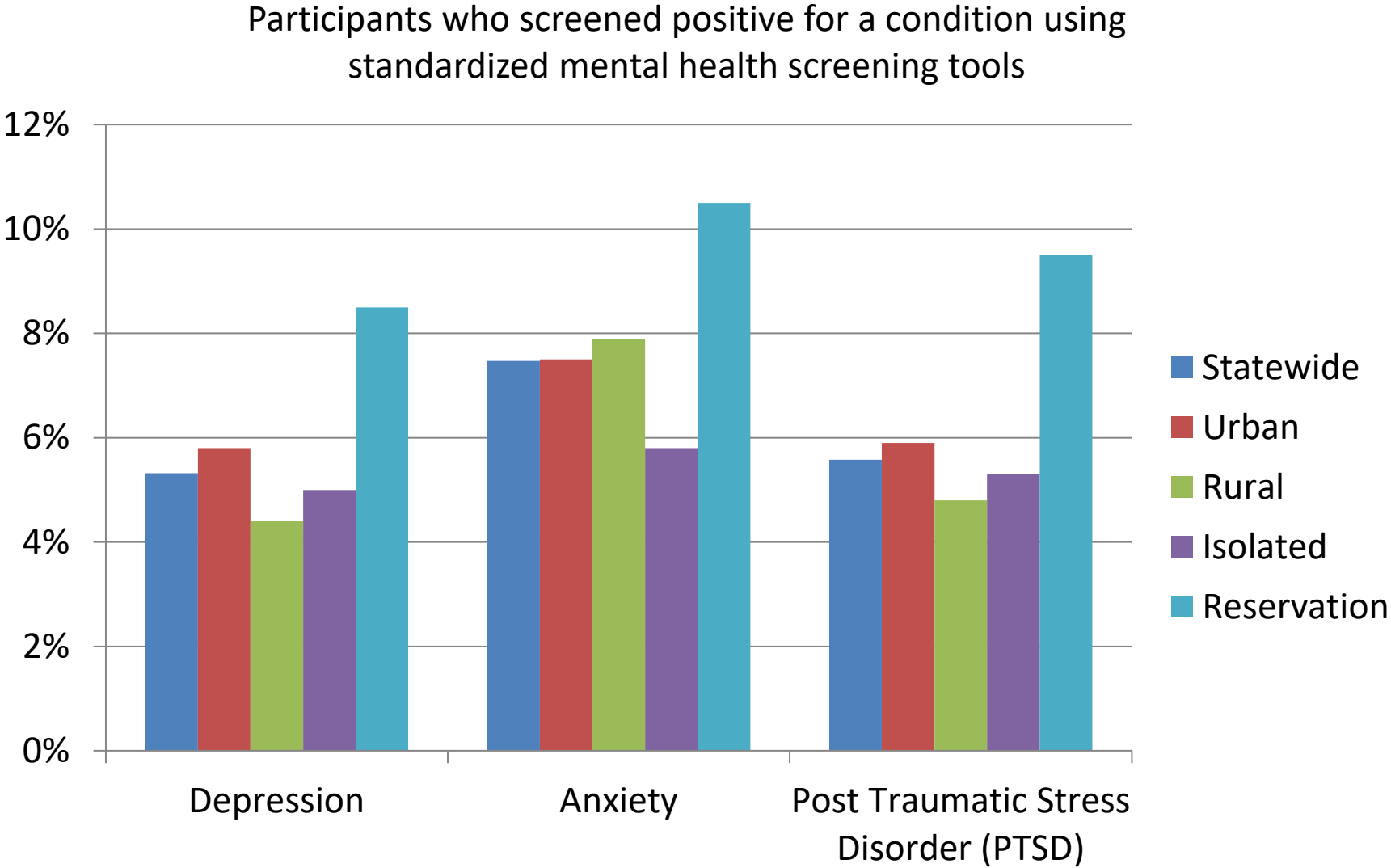
	AI	Non-AI	p-value
Number of ACEs (Score)			<.0001*
0	16.84%	50.02%	
1	21.59%	23.02%	
2	16.20%	9.60%	
3	12.99%	6.09%	
4-5	13.10%	7.38%	
≥6	19.28%	3.89%	

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Note

\*statistically significant

# Prevalence: Mental Health Screens





# Significant Challenges

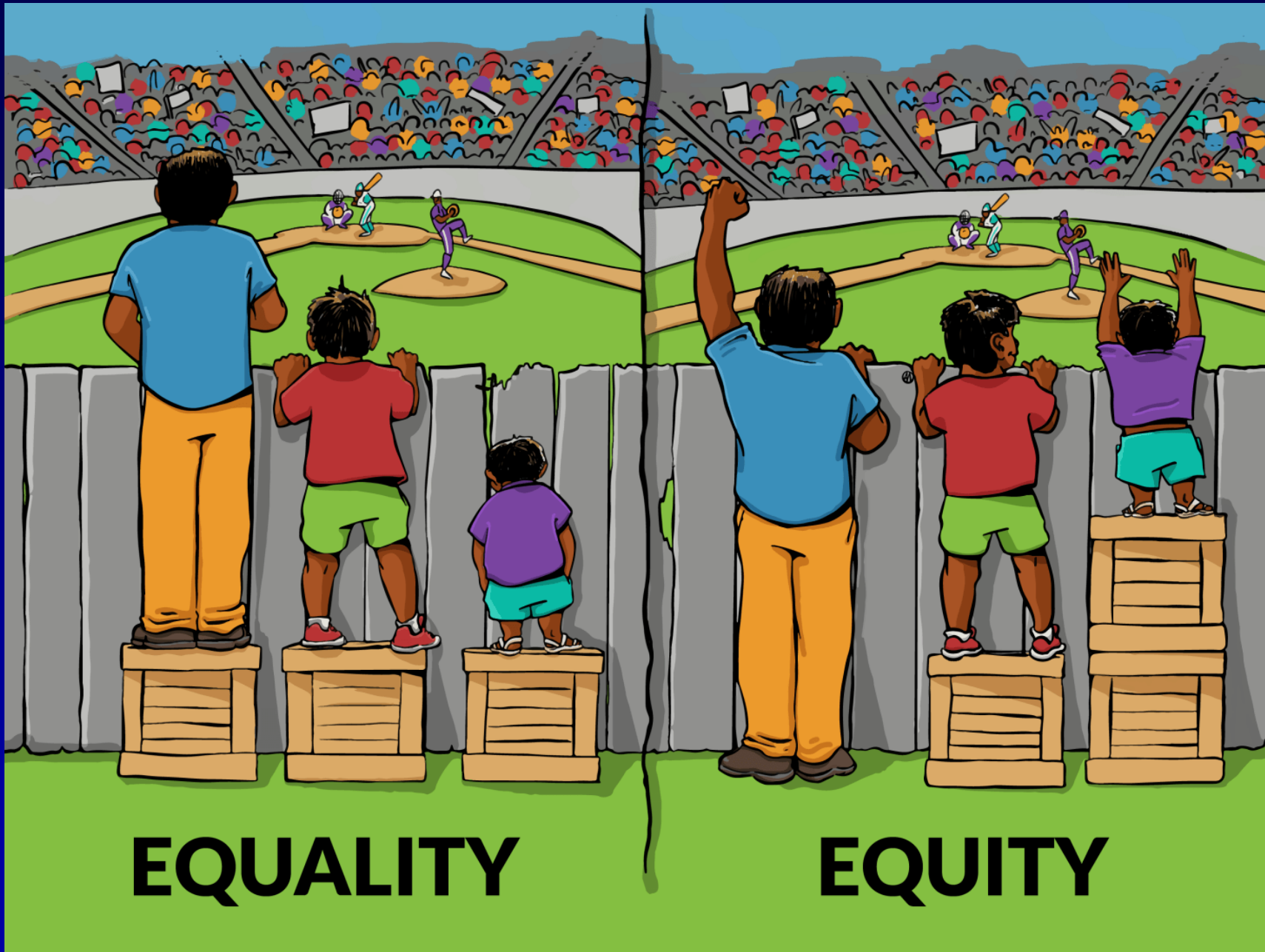
## Social Determinants

- Poverty
- Trauma
- Politics
- Inattention/Neglect
- Racism
- Inequity

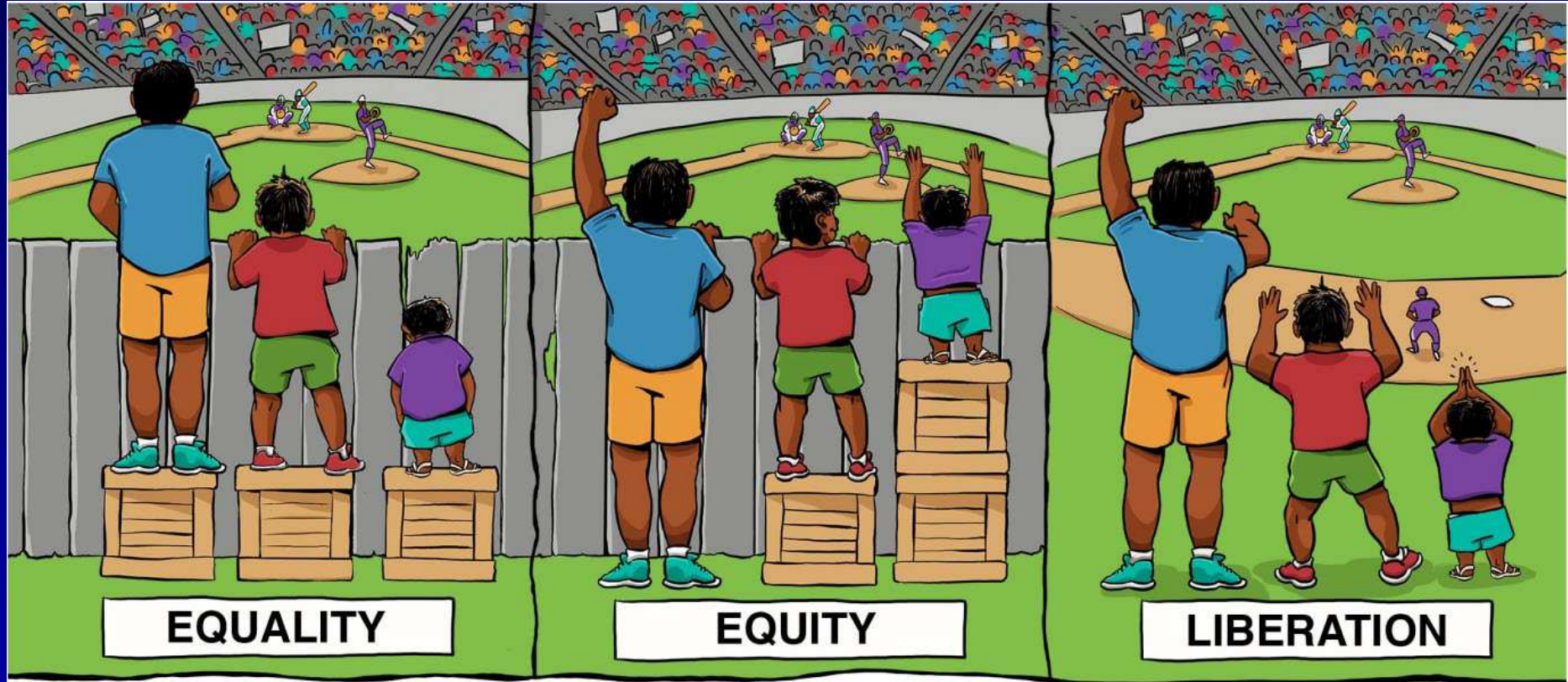
## Outcomes

- Health Disparities
- Education Inequality
- Generational Poverty
- Ongoing Racism
- Worsening Inequity
- Suffering and Death

Need to address ***equity*** in a comprehensive manner—medical, behavioral, public health...



# Equality, Equity, Systemic Barriers



# UND Programming

## **Indians Into Medicine (INMED)**

1973, >240 physicians

## **Indigenous Health MPH**

Online, Fall 2019

## **Indigenous Health PhD**

Summer 2020

## **Indigenous Trauma & Resilience Research Center**

Measures of stress and resilience

ACEs and culture as protective measures

Impact of traditional foods on nutritional epigenetics

# Indigenous Health PhD

- Principles of Indigenous Health—1 & 2
- Applied Biostatistics
- Applied Epidemiology
- Quantitative Methods
- Qualitative Methods
- Mixed Methods
- CBPR & Tribally-Driven Research Frameworks
- Indigenous Research Methods
- American Indian Health Policy
- Indigenous Health Policy
- Public Health Program Evaluation
- Indigenous Evaluation Frameworks
- Indigenous Leadership & Ethics





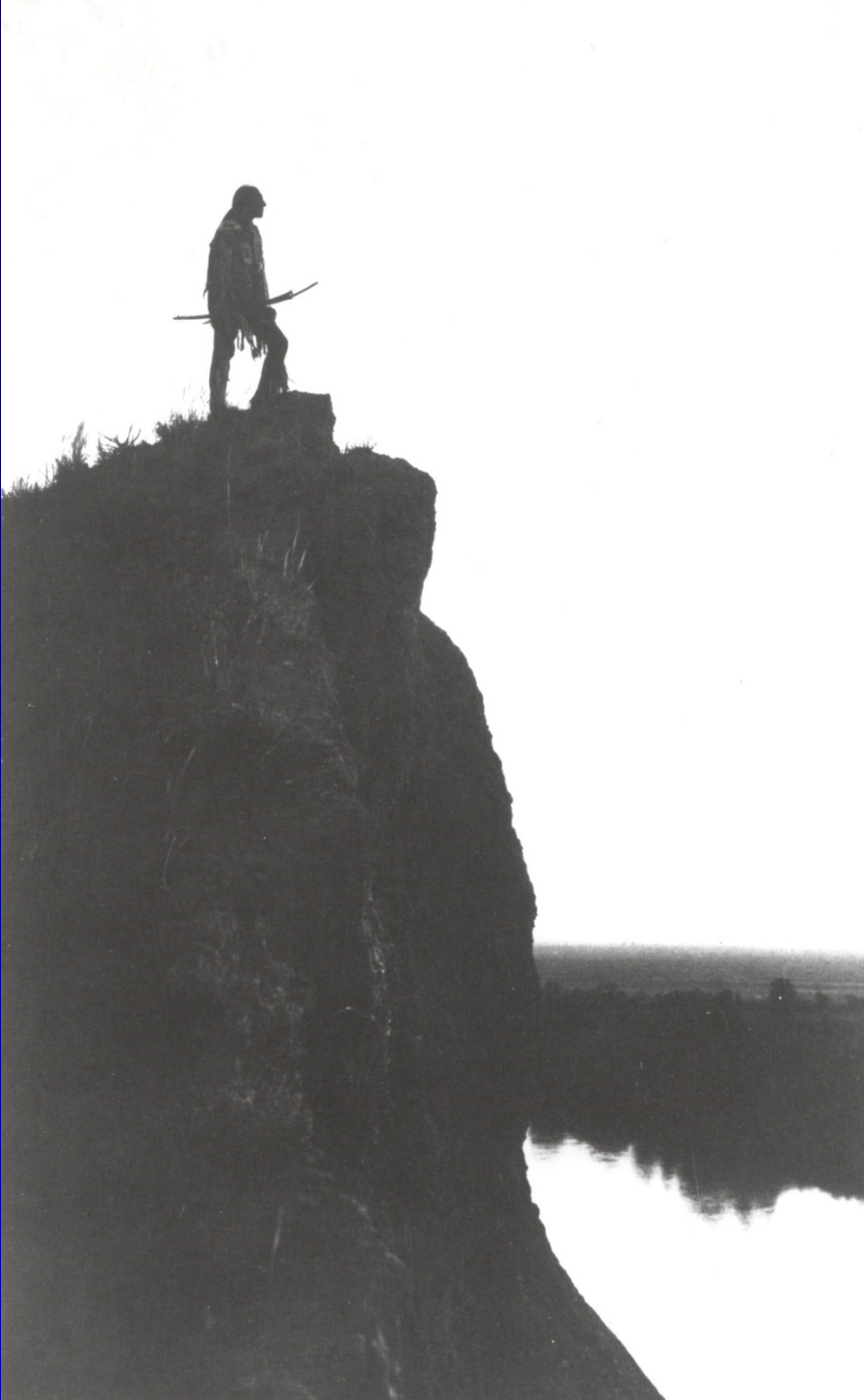
## *UND Indigenous Health Scholars*

- Donald Warne, MD, MPH (*Oglala Lakota*)
- Allison Kelliher, MD (*Athabaskan*)
- Melanie Nadeau, PhD, MPH (*Ojibwe*)
- Nicole Redvers, ND, MPH (*Dene'*)
- Ursula Running Bear, PhD, MA (*Sicangu Lakota*)
- Kyle Hill, PhD, MPH (*Ojibwe/Dakota*)









**Donald Warne**

**[donald.warne@und.edu](mailto:donald.warne@und.edu)**

# Q&A

*2021 HEALTHY START VIRTUAL GRANTEE'S MEETING  
HOSTED BY THE HEALTHY START TA & SUPPORT CENTER AT  
NICHQ ON NOVEMBER 3, 2021*

**#HealthyStartVGM2021**  
**#HealthyStartStrong**  
**@HS\_TASC @NICHQ**

**NICHQ**  
National Institute for  
Children's Health Quality

**HEALTHY**  
**start**  
TA & SUPPORT CENTER



# Monday Is Coming: What's in Your Future?

Plenary

FRIDAY, NOVEMBER 5  
4:00 - 4:30 PM ET

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NICHQ  
National Institute for  
Children's Health Quality

HEALTHY  
start  
TA & SUPPORT CENTER

# Our Speakers

**Kenn L. Harris**

EXECUTIVE DIRECTOR

HEALTHY START TA & SUPPORT CENTER  
NATIONAL INSTITUTE FOR CHILDREN'S HEALTH  
QUALITY

**Kenneth Scarborough**

FATHERHOOD AND MEN'S HEALTH CONSULTANT  
NATIONAL HEALTHY START ASSOCIATION

# Q&A

*2021 HEALTHY START VIRTUAL GRANTEE'S MEETING  
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**@HS\_TASC @NICHQ**

**NICHQ**  
National Institute for  
Children's Health Quality

**HEALTHY**  
**start**  
TA & SUPPORT CENTER





# Day 3 Wrap-up

PLENARY

*FRIDAY, NOVEMBER 5  
4:55-5 PM ET*

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National Institute for  
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HEALTHY  
**start**  
TA & SUPPORT CENTER

# Day 3 Evaluation Survey

PLEASE TAKE 5 MINUTES TO  
COMPLETE OUR DAY 3  
EVALUATION!

SCAN THE QR CODE OR VISIT  
<https://link.nichq.org/VGM-Day-3-Evaluation>

**NICHQ**  
National Institute for  
Children's Health Quality

HEALTHY  
**start**  
TA & SUPPORT CENTER



***We truly value your  
feedback!***



# Congratulations, Photo Contest Winners!



**Tatjana Loncar**  
(36 votes)






**Janina Daniels-Gilmore**  
(23 votes)



**Adriana Ellis**  
(21 votes)

# Congratulations, Leaderboard Winners!

Congratulate the most active members of our community 🎉

🏆	389900 pts		Brandy Watts	Congratulate 🎉 (17)
🥈	367400 pts		Keyonna M. Tompkins MPH, MBA, CLC	Congratulate 🎉 (21)
🥉	126900 pts		Arletha Howard	Congratulate 🎉 (15)



# Thank you for a wonderful week!

- Session recordings, slides, and resources will be posted to the EPIC website soon.
- The Whova platform will be accessible for 3 months after the VGM.

*2021 HEALTHY START VIRTUAL GRANTEES' MEETING  
HOSTED BY THE HEALTHY START TA & SUPPORT CENTER AT NICHQ  
ON NOVEMBER 5, 2021.*

# Remember to complete the 2021 Annual Assessment!

2021 HEALTHY START VIRTUAL GRANTEES' MEETING  
HOSTED BY THE HEALTHY START TA & SUPPORT CENTER AT NICHQ ON NOVEMBER 5, 2021.



# The Healthy Start TA & Support Center is still here to support you!

- REQUEST 1:1 TA
- JOIN ONE OF OUR UP COMING WEBINARS
- EMAIL US AT HEALTHYSTART@P I C.ORG

## Healthy Start Deadlines & Events



## November 2021

### Deadlines:

- Nov 5 [CLC Scholarship Application Due](#)
- Nov 15 HSMED-II Report (CSV or XML) Due

### Events:

- Nov 3-5 [2021 Healthy Start Virtual Grantees' Meeting](#)
- Nov 15 TIROE CoP Learning Session #7 – COP members only
- Nov 17 Infant Health Equity Supplement Webinar – IHE Supplement Recipients only
- Nov 18 [Beyond COVID-19: Breastfeeding Webinar #2](#)
- Nov 23 [Fatherhood Learning Academy Session #5](#)

2021 HEALTHY START VIRTUAL GRANTEES' MEETING  
HOSTED BY THE HEALTHY START TA & SUPPORT CENTER AT NICHQ ON NOVEMBER 5, 2021.







**If you're interested in dancing with us and willing to be on video, raise your hand in Zoom and we will turn on your video!**

# THANK YOU!

