

# Trends in AI/AN Enrollment Data: AI/AN Compared to the Population

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Moderator: Garrett Lankford

National Indian  
Health Board





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# Outline of Presentation

Methodology

US Enrollment Rates from 2012 to 2021

2021 US Enrollment Rates by Age and Sex

State Observations

Update on State Enrollment Reports

# Methodology

- American Community Survey for 2021.
- Data uses the five-year estimates for each year.
- Data are based on a sample and are subject to sampling variability.
- The report compares 2012 to 2021 data since 2012 was the year before the full implementation of the Affordable Care Act in 2013.

## Methodology (Continued)

- American Indian/Alaska Native population is reported as the people who are American Indian or Alaska Native (AI/AN) alone or in combination with one or more races.
- Foreign-born are included in the AI/AN population estimates within this report.

**6 What is Person 1's race?**

Mark (X) one or more boxes **AND** print origins.

- White – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.* ↴

- Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.* ↴

- American Indian or Alaska Native – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.* ↴

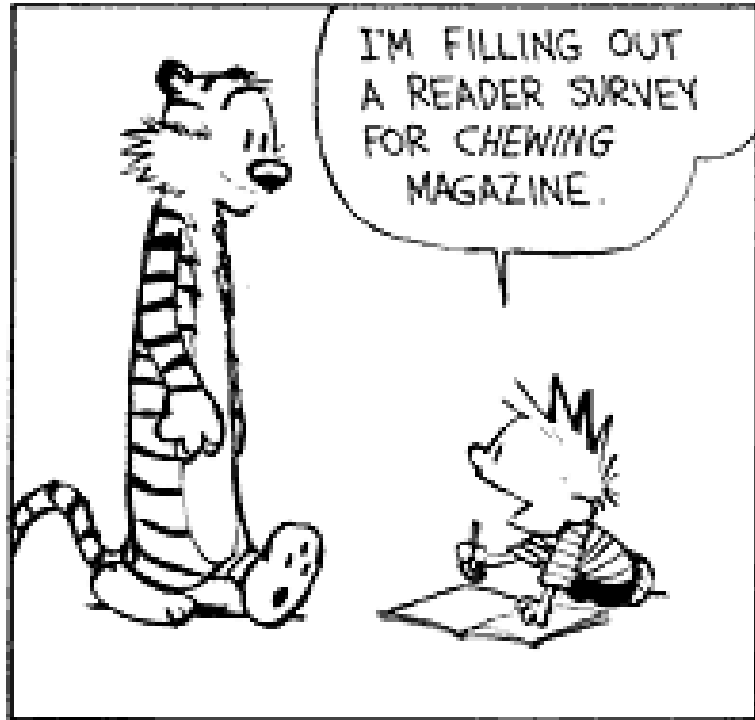
- Chinese  Vietnamese  Native Hawaiian

- Filipino  Korean  Samoan

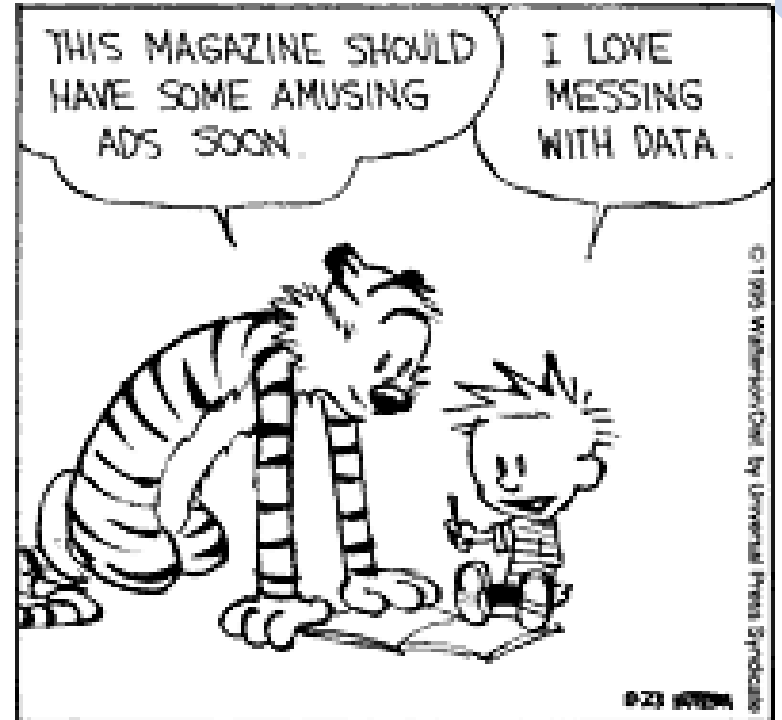
- Asian Indian  Japanese  Chamorro

- Other Asian – *Print, for example, Pakistani, Cambodian, Hmong, etc.* ↴
- Other Pacific Islander – *Print, for example, Tongan, Fijian, Marshallese, etc.* ↴

- Some other race – *Print race or origin.* ↴



SEE, THEY ASKED HOW MUCH MONEY I SPEND ON GUM EACH WEEK, SO I WROTE, "\$500." FOR MY AGE, I PUT "43," AND WHEN THEY ASKED WHAT MY FAVORITE FLAVOR IS, I WROTE "GARLIC / CURRY."

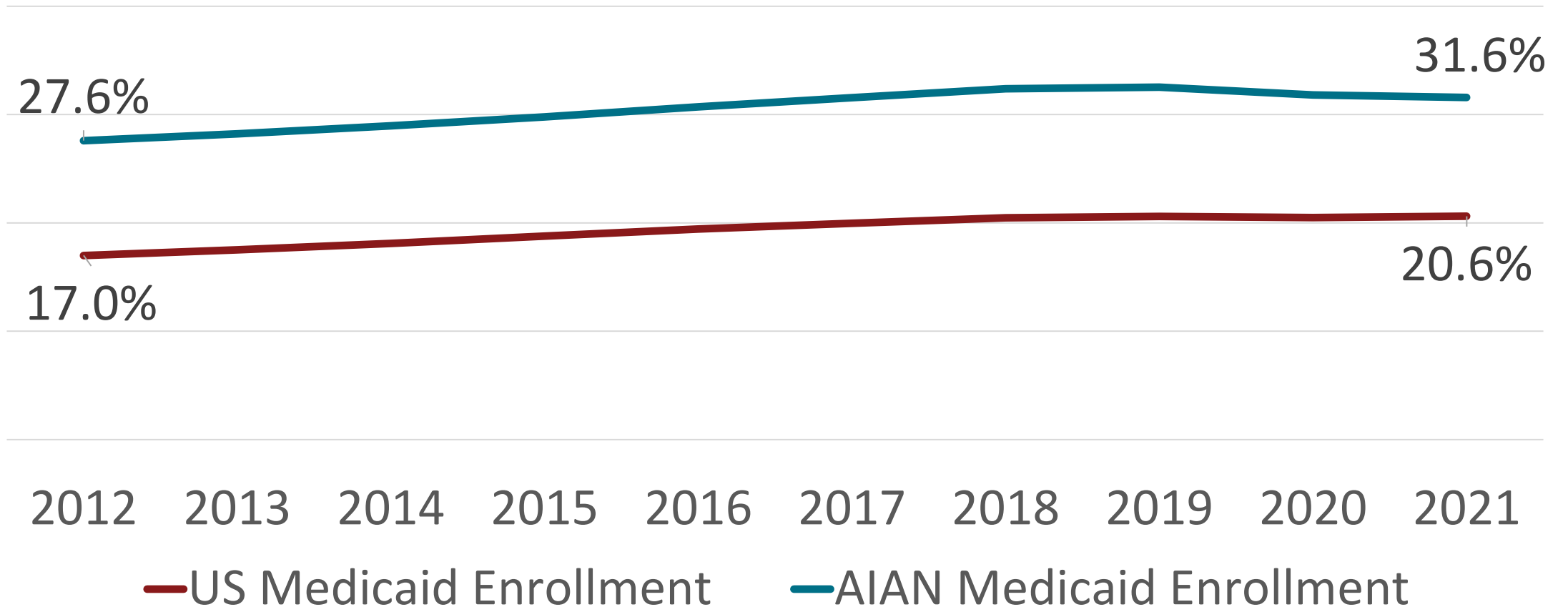




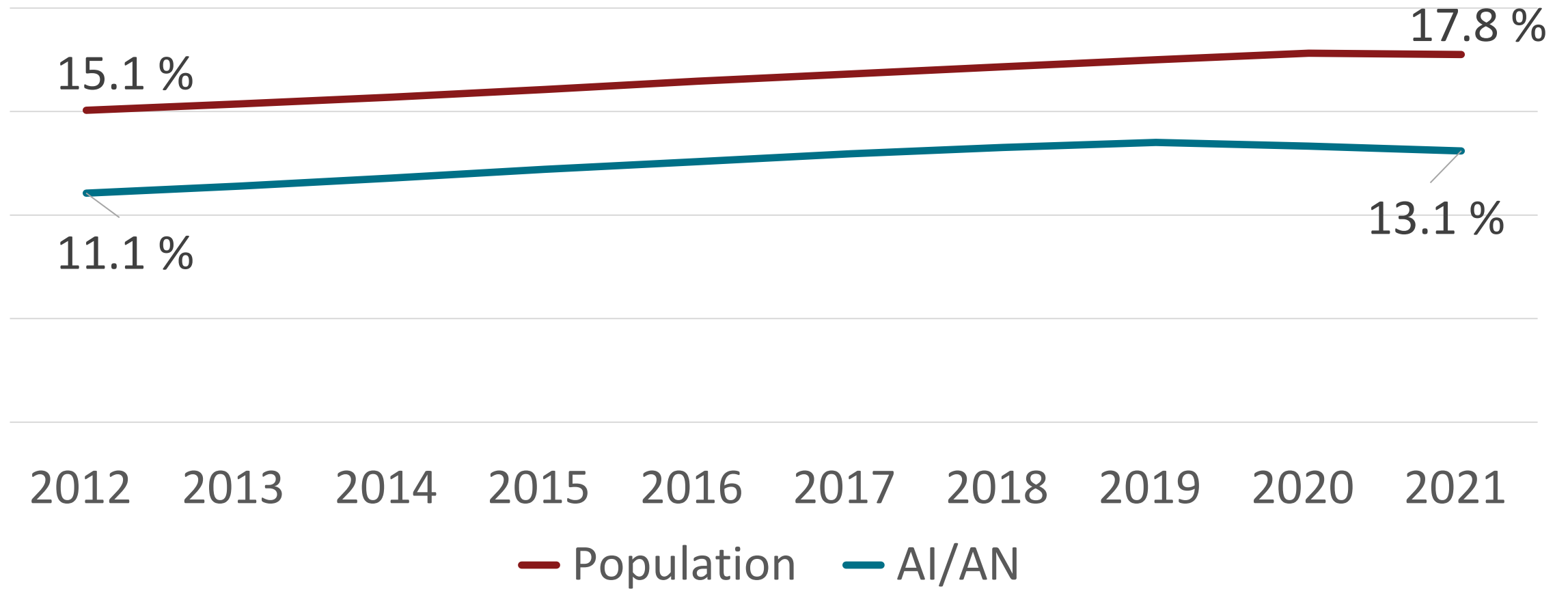
# US Enrollment Rates from 2012 to 2021



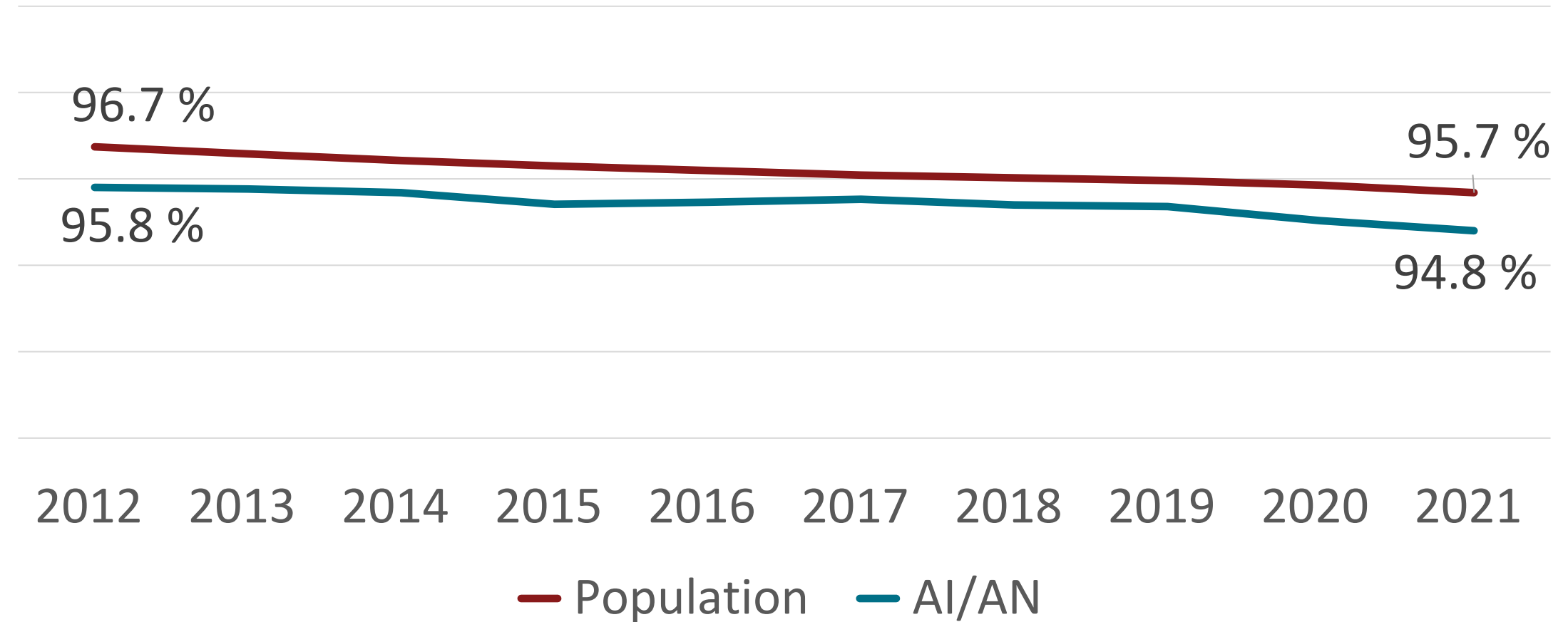
# US Medicaid Enrollment Rate (%)



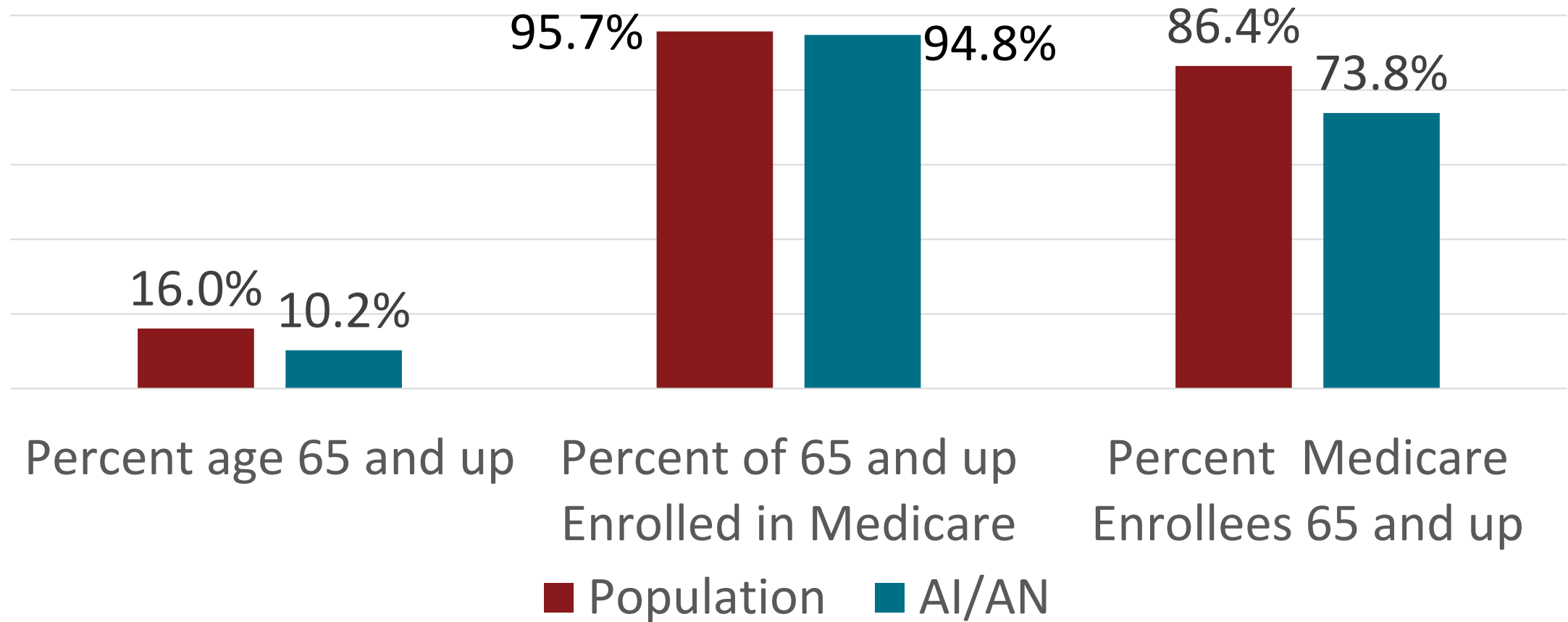
# US Medicare Enrollment Rate (%)



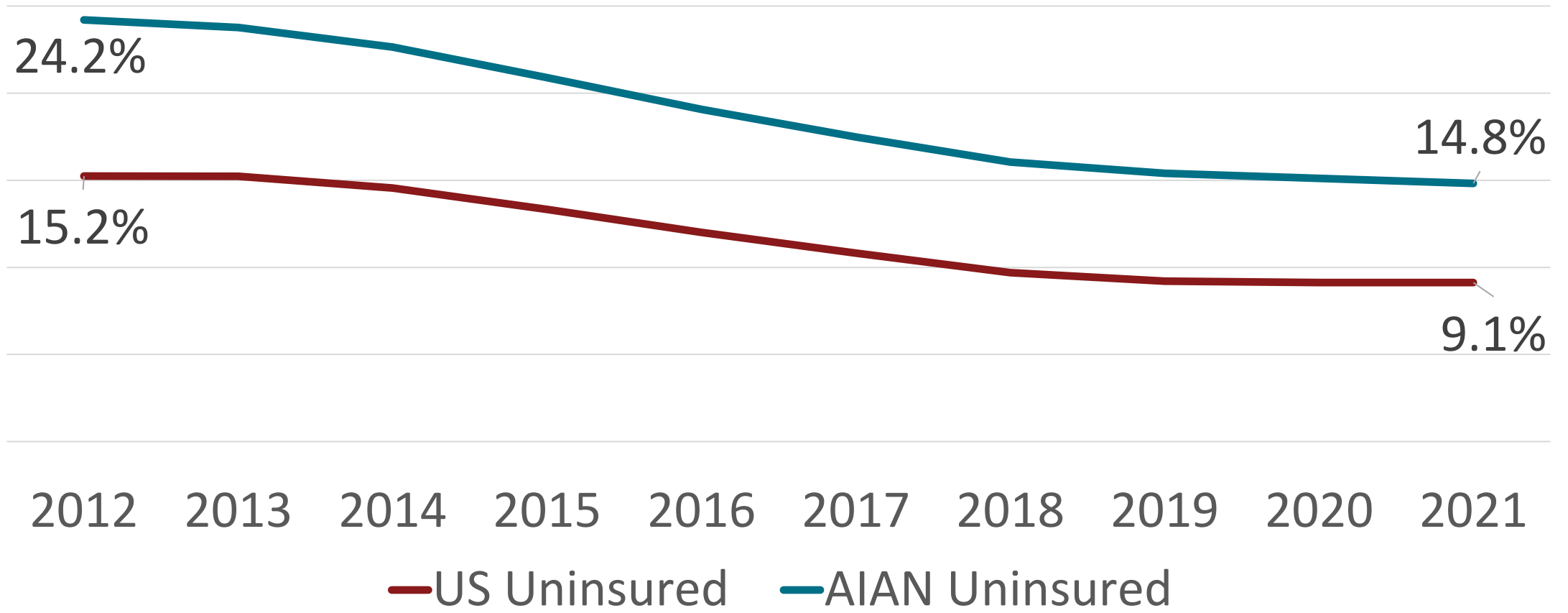
# US Medicare Enrollment Rate (% 65 and up)



# Age 65 and Up: 2021 AI/AN compared to Population (%)



# US Uninsured Rate (%)





2021 US AI/AN  
Medicaid Enrollment/Uninsured  
Rates: by Age and Sex



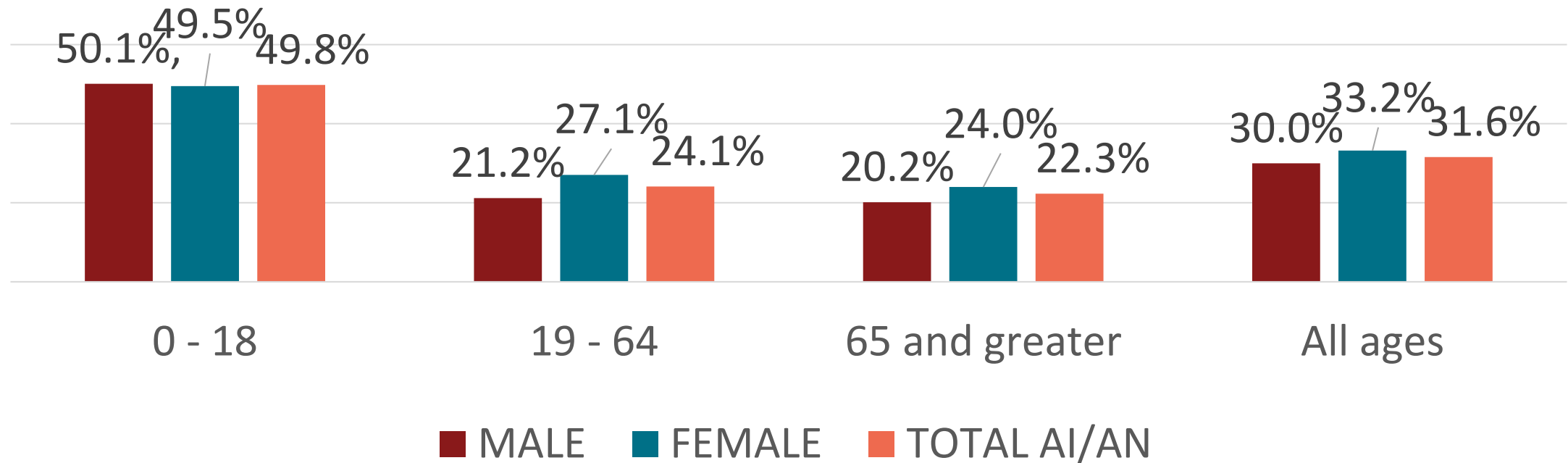
Do you think AI/AN Medicaid enrollment rates are different in different age groups?

Do you think AI/AN Medicaid enrollment rates are different in different sexes?

Do you think AI/AN uninsured rates are different in different age groups?

Do you think AI/AN uninsured rates are different in different sexes?

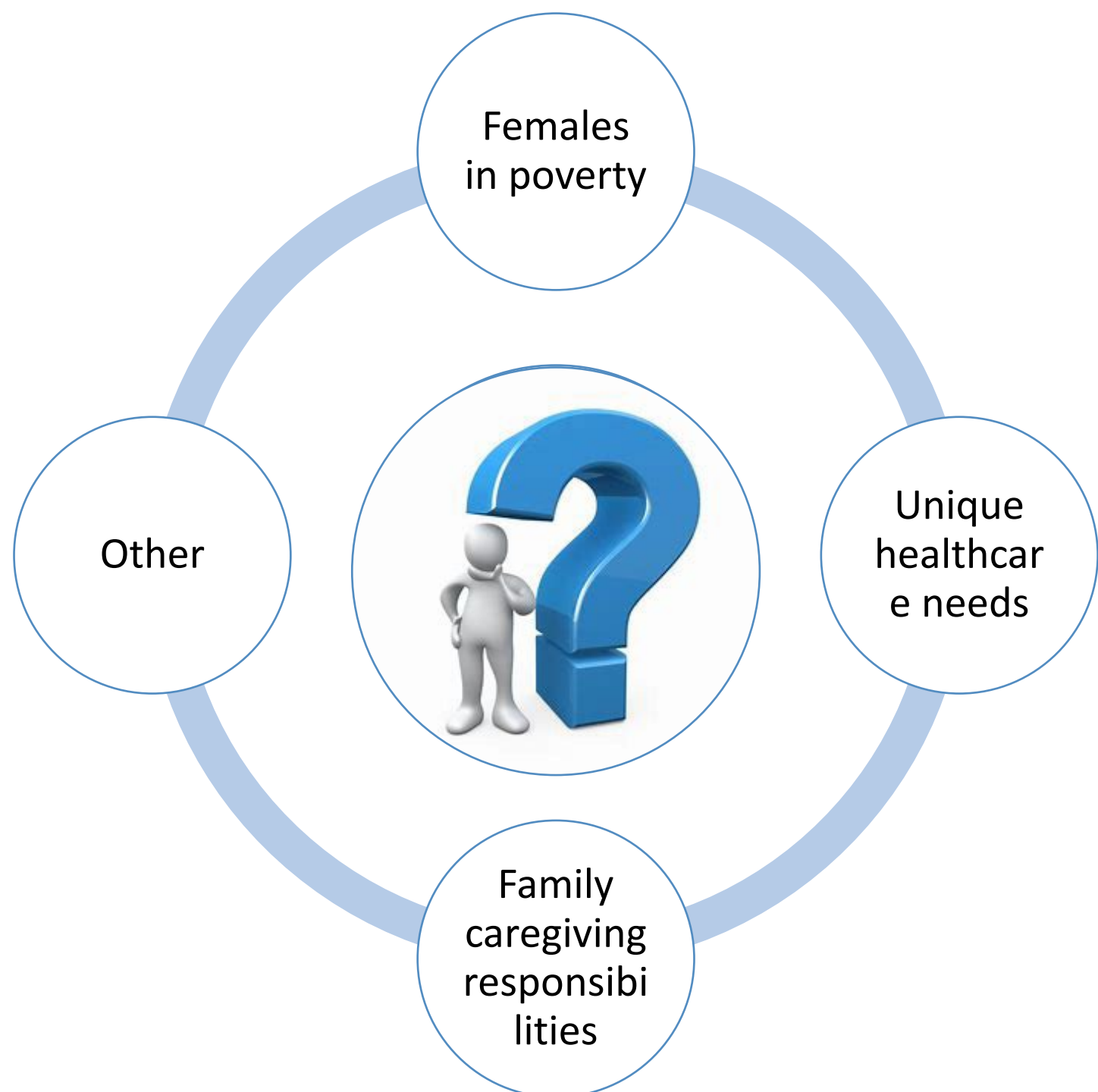
# 2021 AI/AN Medicaid Enrollment Rate by Age and Sex: United States (%)



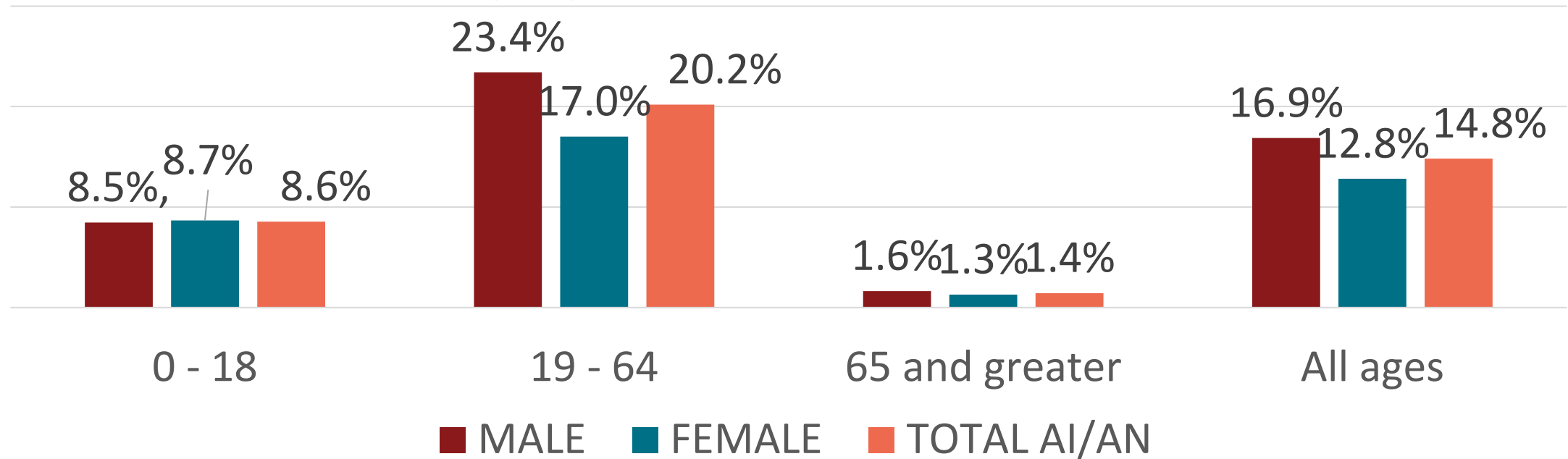
Statement	TRUE	FALSE
The AI/AN Medicaid enrollment rate is the <b>highest</b> among the <b>18 years old and younger</b> out of all age groups.	<input checked="" type="radio"/>	<input type="radio"/>



AI/AN  
Medicaid  
Enrollment  
Rate is  
Higher in  
Females.

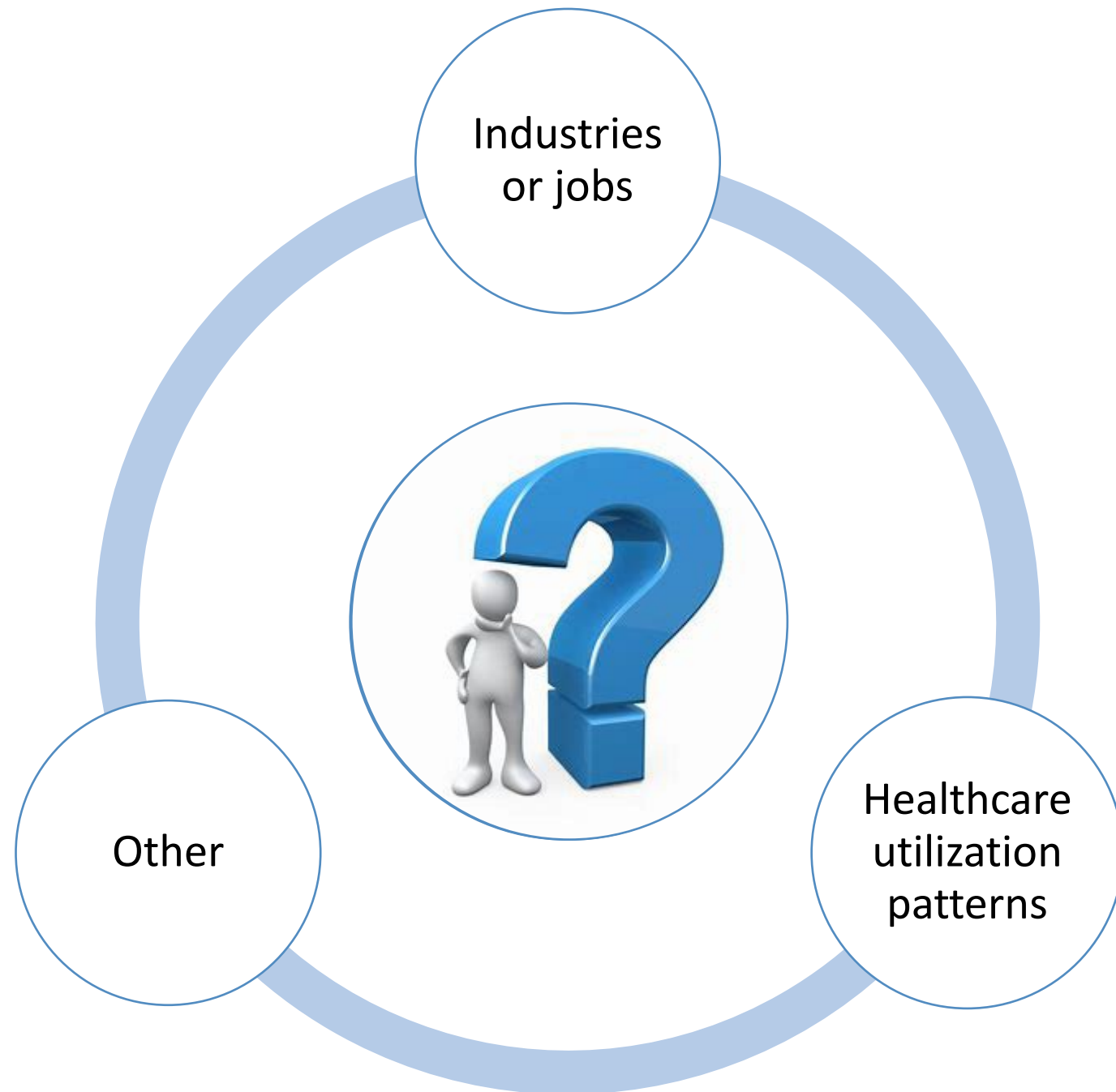


# 2021 AI/AN Uninsured Rate by Age and Sex: United States (%)



Statement	TRUE	FALSE
The AI/AN <b>uninsured</b> rate is the <b>highest</b> among the <b>19 – 64</b> years old out of all age groups.	<input checked="" type="radio"/>	<input type="radio"/>

AI/AN  
Uninsured  
Rate is  
Higher in  
Males.



# Children Medicaid Enrollment and Uninsured Rate



High Medicaid enrollment rate



Low uninsured rate



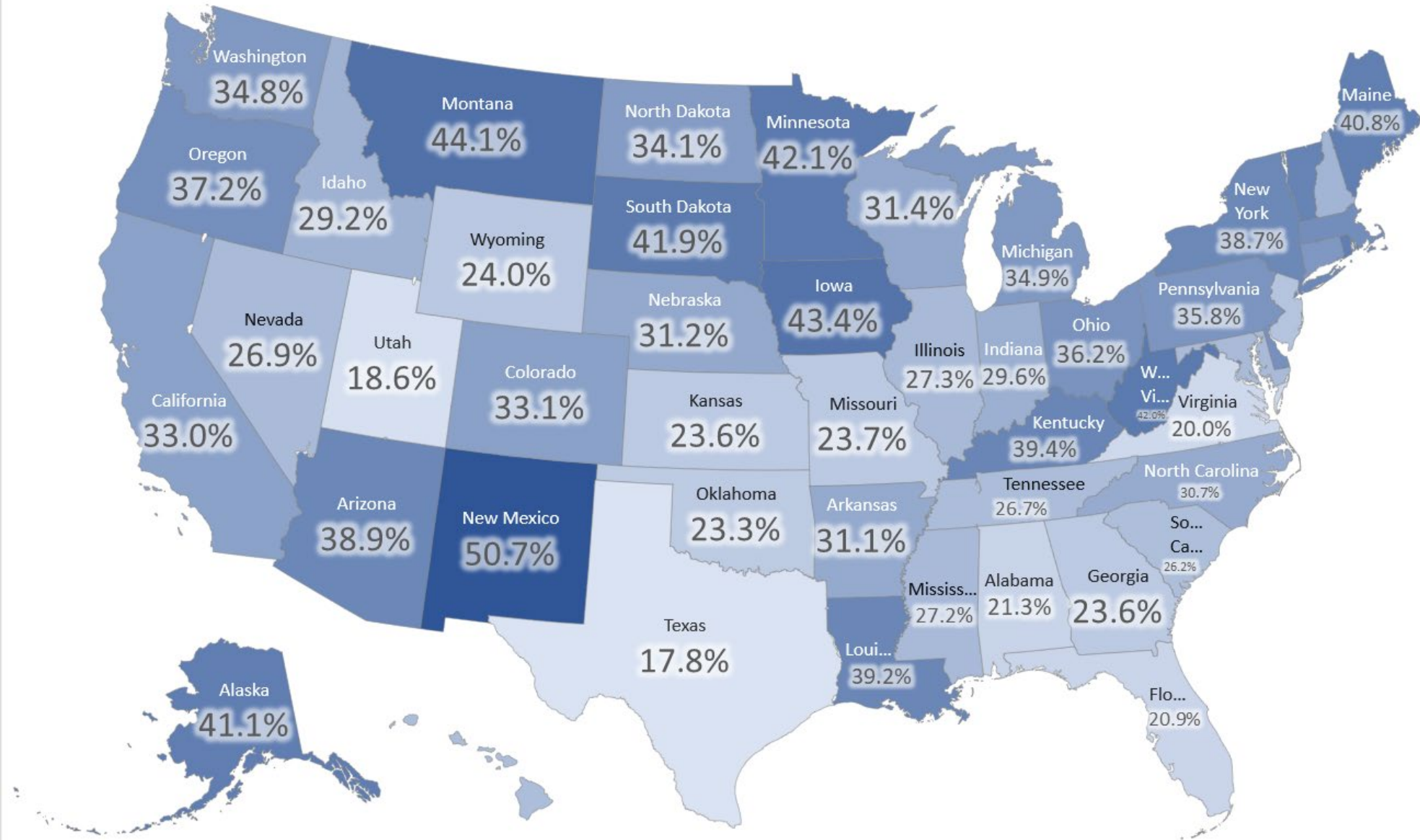
Minor differences between male and female children



The background features two large, overlapping, curved lines. One line is a light blue color and the other is a light green color. They are positioned in the top right and bottom left corners of the slide, framing the central text.

# State Observations

# 2021 AIAN Medicaid Enrollment Rate (%)

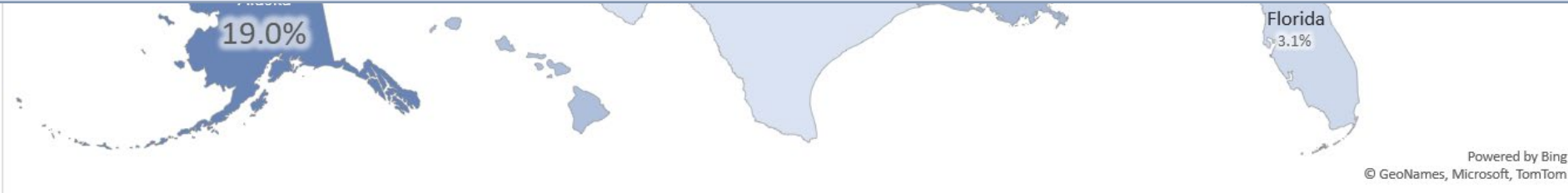


# 2021 Difference of Medicaid Enrollment Rate (%) between AI/AN and Total Population

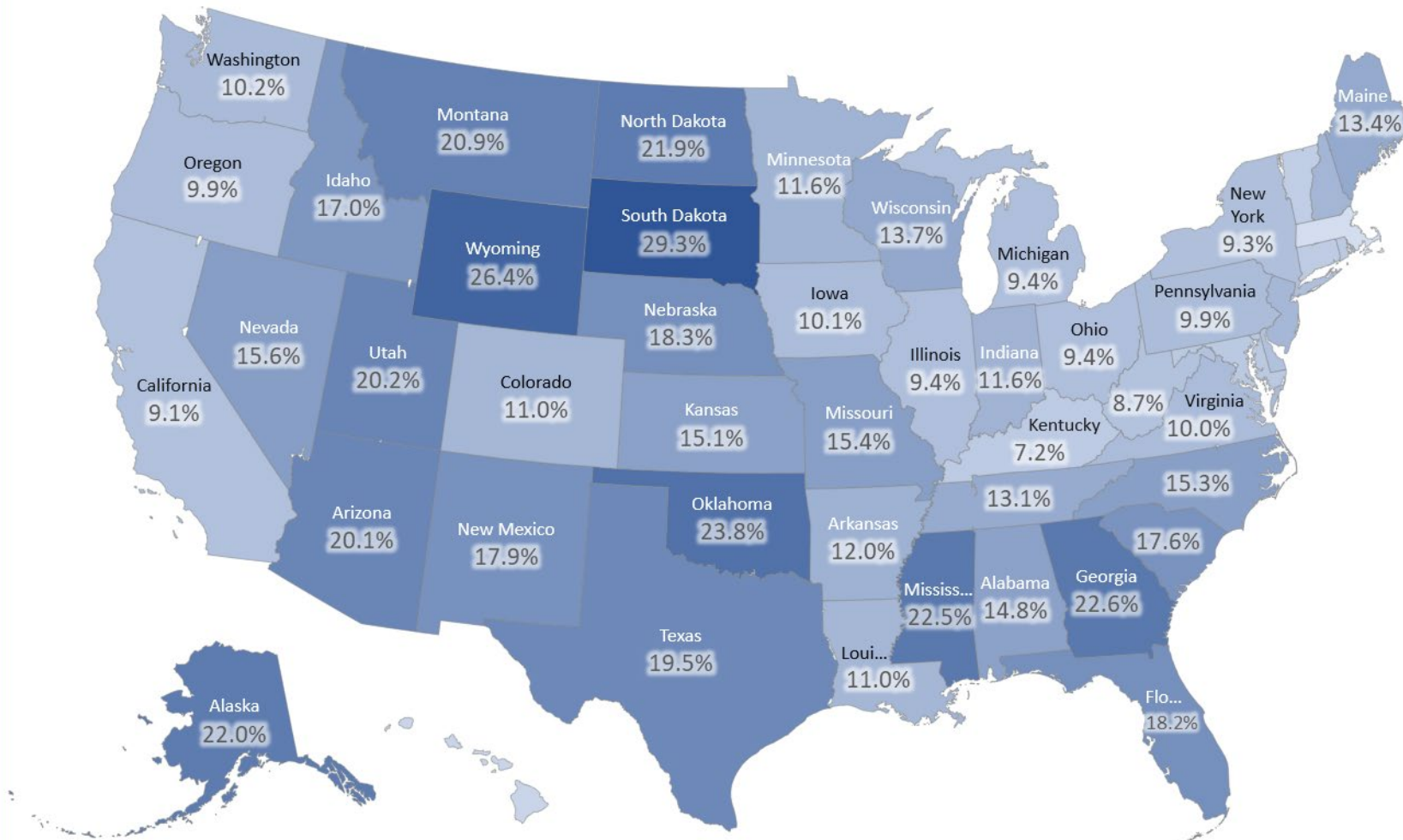
*AI/AN Medicaid Enrollment Rate - Total Population Medicaid Enrollment Rate*



	<b>2021 AIAN ENROLLMENT RATE (%)</b>	<b>2021 TOTAL POPULATION ENROLLMENT RATE (%)</b>	<b>DIFFERENCE</b>
South Dakota	41.92%	13.87%	28.1%



# 2021 AIAN Uninsured Rate (%)





# 2021 Difference of Uninsured Rate (%) between AI/AN and Total Population

*AI/AN Uninsured Rate - Total Population Uninsured Rate*



**2021 AIAN ENROLLMENT RATE (%)**

**2021 TOTAL POPULATION ENROLLMENT RATE (%)**

**DIFFERENCE**

Alaska

22.04%

11.88%

10.2%



The background features decorative curved lines in shades of blue and green, positioned in the top right and bottom left corners.

# State Enrollment Report: Update

# Outline of State Enrollment Reports

## Includes

- All 50 states, DC and the US

## Enrollment

- Medicare
- Medicaid
- Uninsured

## Format

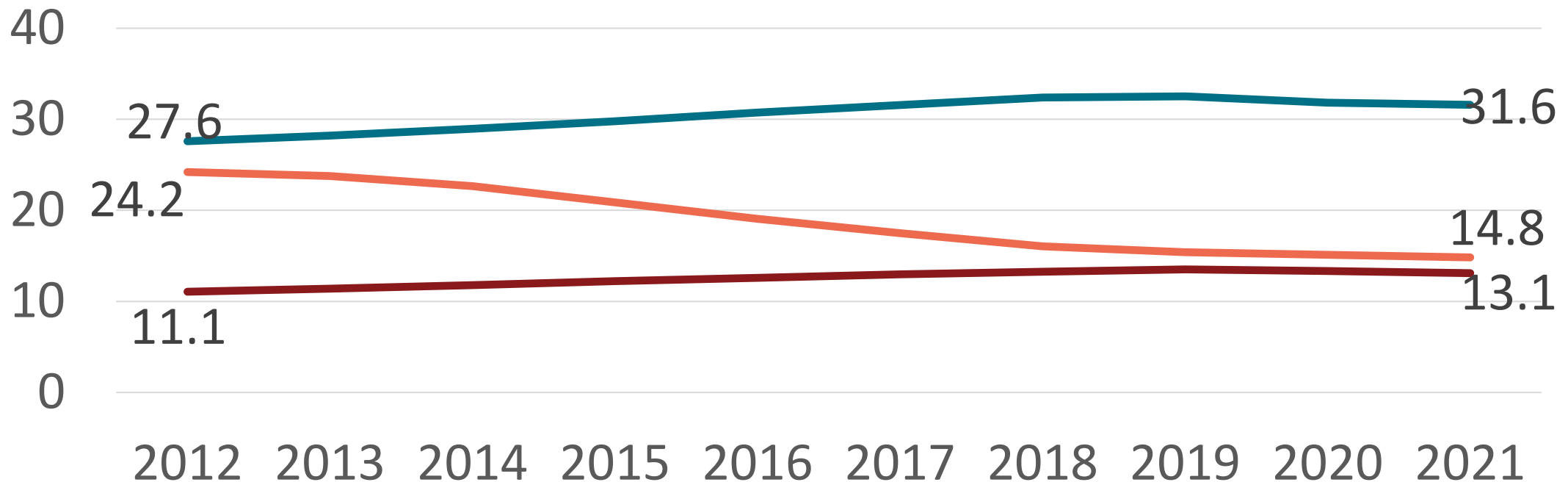
- Four charts for each state with bulleted explanations

# Comparison of Enrollment to the Population

ENROLLMENT	2012 AIAN ENROLLMENT RATE (AIAN Enrollment/ AIAN Population)	2021 AIAN ENROLLMENT RATE (AIAN Enrollment/ AIAN Population)	2021 TOTAL POPULATION ENROLLMENT RATE (Enrollment/ Total Population)
<b>Medicare</b>	11.06% (557,388/5,039,971)	13.10% (824,430/6,294,698)	17.75% ( <u>58,528,782</u> 329,725,483)
<b>Medicaid</b>	27.59% (1,390,355/5,039,971)	31.59% (1,988,247/6,294,698)	20.62% ( <u>67,982,469</u> 329,725,483)
<b>Uninsured</b>	24.20% (1,219,892/5,039,971)	14.82% (933,017/6,294,698)	9.13% ( <u>30,099,206</u> 329,725,483)

# The proportion of AI/AN Uninsured, and enrolled in Medicaid and Medicare

From 2012-2021, the percent of AI/AN **Uninsured** decreased, and the percent enrolled in **Medicaid** and **Medicare** increased.



<b>AGE</b>	<b>2021 AIAN MALE MEDICAID ENROLLMENT RATE (Enrolled AIAN Males/AIAN Male Population)</b>	<b>2021 AIAN FEMALE MEDICAID ENROLLMENT RATE (Enrolled AIAN Females/AIAN Female Population)</b>	<b>2021 AIAN TOTAL MEDICAID ENROLLMENT RATE (Enrolled AIANs/AIAN Population)</b>
<b>0 - 18</b>	50.10% (479,236/956,530)	49.50% (452,859/914,878)	49.81% (932,095/1,871,408)
<b>19 - 64</b>	21.21% (400,192/1,887,078)	27.06% (512,560/1,894,136)	24.14% (912,752/3,781,214)
<b>65 and greater</b>	20.16% (56,526/280,431)	24.02% (86,874/361,645)	22.33% (143,400/642,076)
<b>All ages</b>	29.96% (935,954/3,124,039)	33.19% (1,052,293/3,170,659)	31.59% (1,988,247/6,294,698)

<b>AGE</b>	<b>2021 AIAN MALE UNINSURED RATE (Enrolled AIAN Males/AIAN Male Population)</b>	<b>2021 AIAN FEMALE UNINSURED RATE (Enrolled AIAN Females/AIAN Female Population)</b>	<b>2021 AIAN TOTAL UNINSURED RATE (Enrolled AIANs/AIAN Population)</b>
<b>0 - 18</b>	8.47% (80,976/956,530)	8.67% (79,298/914,878)	8.56% (160,274/1,871,408)
<b>19 - 64</b>	23.39% (441,322/1,887,078)	17.01% (322,166/1,894,136)	20.19% (763,488/3,781,214)
<b>65 and greater</b>	1.64% (4,592/280,431)	1.29% (4,663/361,645)	1.44% (9,255/642,076)
<b>All ages</b>	16.87% (526,890/3,124,039)	12.81% (406,127/3,170,659)	14.82% (933,017/6,294,698)



# Summary

- The state reports will have four charts:
  - 2012 and 2021 enrollment rates for Medicaid, Medicare, and Uninsured
  - A line graph showing the enrollment rate from 2012 to 2021 for Medicaid, Medicare, and Uninsured
  - A table showing 2021 Medicaid Enrollment by Age and Sex
  - A table showing 2021 Uninsured by Age and Sex





Feedback or  
Questions?

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# References

- United States Census Bureau. (2023) American Community Survey (ACS) five-Year Estimates Public Use Microdata Sample, Vintage 2012- 2021.  
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- Waterson, Bill. (September 2005) The Complete Calvin and Hobbes. Andrews McMeel Publishing.