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

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Wednesday, May 3 | 1:30 – 3 PM
Moderator: Garrett Lankford
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Rochelle Ruffer, Ph.D., NIHB
Cheng Wang, MD, Ph.D., GPTLHB
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.
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.
- 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.
I'm filling out a reader survey for *Chewing Magazine*.

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."

This magazine should have some amusing ads soon. I love messing with data.
US Enrollment Rates from 2012 to 2021
US Medicaid Enrollment Rate (%)

27.6% to 31.6%


US Medicaid Enrollment

AIAN Medicaid Enrollment
US Medicare Enrollment Rate (%)

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>AI/AN</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>15.1 %</td>
<td>11.1 %</td>
</tr>
<tr>
<td>2021</td>
<td>17.8 %</td>
<td>13.1 %</td>
</tr>
</tbody>
</table>
US Medicare Enrollment Rate (% 65 and up)

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

- **0 - 18**
  - MALE: 21.2%
  - FEMALE: 27.1%
  - TOTAL AI/AN: 24.1%

- **19 - 64**
  - MALE: 20.2%
  - FEMALE: 24.0%
  - TOTAL AI/AN: 22.3%

- **65 and greater**
  - MALE: 30.0%
  - FEMALE: 33.2%
  - TOTAL AI/AN: 31.6%

<table>
<thead>
<tr>
<th>Statement</th>
<th>TRUE</th>
<th>FALSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The AI/AN Medicaid enrollment rate is the <strong>highest</strong> among the 18 years old and younger out of all age groups.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

○
AI/AN Medicaid Enrollment Rate is Higher in Females.
2021 AI/AN Uninsured Rate by Age and Sex: United States (%)

The AI/AN uninsured rate is the highest among the 19 – 64 years old out of all age groups.

Statement | TRUE | FALSE
--- | --- | ---
The AI/AN uninsured rate is the highest among the 19 – 64 years old out of all age groups. |  | ✗
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
State Observations
2021 Difference of Medicaid Enrollment Rate (%) between AI/AN and Total Population

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

South Dakota: 41.92% - 13.87% = 28.1%
<table>
<thead>
<tr>
<th>State</th>
<th>2021 AIAN Enrollment Rate (%)</th>
<th>2021 Total Population Enrollment Rate (%)</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska</td>
<td>22.04%</td>
<td>11.88%</td>
<td>10.2%</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Enrollment</th>
<th>2012 AIAN Enrollment Rate (AIAN Enrollment/AIAN Population)</th>
<th>2021 AIAN Enrollment Rate (AIAN Enrollment/AIAN Population)</th>
<th>2021 Total Population Enrollment Rate (Enrollment/Total Population)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicare</td>
<td>11.06% (557,388/5,039,971)</td>
<td>13.10% (824,430/6,294,698)</td>
<td>17.75% (58,528,782/329,725,483)</td>
</tr>
<tr>
<td>Medicaid</td>
<td>27.59% (1,390,355/5,039,971)</td>
<td>31.59% (1,988,247/6,294,698)</td>
<td>20.62% (67,982,469/329,725,483)</td>
</tr>
<tr>
<td>Uninsured</td>
<td>24.20% (1,219,892/5,039,971)</td>
<td>14.82% (933,017/6,294,698)</td>
<td>9.13% (30,099,206/329,725,483)</td>
</tr>
</tbody>
</table>
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.
<table>
<thead>
<tr>
<th>AGE</th>
<th>2021 AIAN MALE MEDICAID ENROLLMENT RATE</th>
<th>2021 AIAN FEMALE MEDICAID ENROLLMENT RATE</th>
<th>2021 AIAN TOTAL MEDICAID ENROLLMENT RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Enrolled AIAN Males/AIAN Male Population)</td>
<td>(Enrolled AIAN Females/AIAN Female Population)</td>
<td>(Enrolled AIANs/AIAN Population)</td>
</tr>
<tr>
<td>0 - 18</td>
<td>50.10% (479,236/956,530)</td>
<td>49.50% (452,859/914,878)</td>
<td>49.81% (932,095/1,871,408)</td>
</tr>
<tr>
<td>19 - 64</td>
<td>21.21% (400,192/1,887,078)</td>
<td>27.06% (512,560/1,894,136)</td>
<td>24.14% (912,752/3,781,214)</td>
</tr>
<tr>
<td>65 and greater</td>
<td>20.16% (56,526/280,431)</td>
<td>24.02% (86,874/361,645)</td>
<td>22.33% (143,400/642,076)</td>
</tr>
<tr>
<td>All ages</td>
<td>29.96% (935,954/3,124,039)</td>
<td>33.19% (1,052,293/3,170,659)</td>
<td>31.59% (1,988,247/6,294,698)</td>
</tr>
<tr>
<td>AGE</td>
<td>2021 AIAN MALE UNINSURED RATE (Enrolled AIAN Males/AIAN Male Population)</td>
<td>2021 AIAN FEMALE UNINSURED RATE (Enrolled AIAN Females/AIAN Female Population)</td>
<td>2021 AIAN TOTAL UNINSURED RATE (Enrolled AIANs/AIAN Population)</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------</td>
</tr>
<tr>
<td>0 - 18</td>
<td>8.47% (80,976/956,530)</td>
<td>8.67% (79,298/914,878)</td>
<td>8.56% (160,274/1,871,408)</td>
</tr>
<tr>
<td>19 - 64</td>
<td>23.39% (441,322/1,887,078)</td>
<td>17.01% (322,166/1,894,136)</td>
<td>20.19% (763,488/3,781,214)</td>
</tr>
<tr>
<td>65 and greater</td>
<td>1.64% (4,592/280,431)</td>
<td>1.29% (4,663/361,645)</td>
<td>1.44% (9,255/642,076)</td>
</tr>
<tr>
<td>All ages</td>
<td>16.87% (526,890/3,124,039)</td>
<td>12.81% (406,127/3,170,659)</td>
<td>14.82% (933,017/6,294,698)</td>
</tr>
</tbody>
</table>
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

