The 2022 Influenza Vaccination Landscape & Urban AI/AN Communities

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The National Council of Urban Indian Health (NCUIH) is the national non-profit organization devoted to the support and development of quality, accessible, and culturally-competent health and public health services for American Indians and Alaska Natives (AI/ANs) living in urban areas.

NCUIH is the only national representative of the 41 Title V Urban Indian Organizations (UIOs) under the Indian Health Service (IHS) in the Indian Health Care Improvement Act (IHCIA). NCUIH strives to improve the health of the over 70% of the AI/AN population that lives in urban areas, supported by quality health care centers.
Looking Back to 2009…

- H1N1 death rate:
  - Disparities in transmission, hospilization, and death.
    - Rate Ratio of AI/AN to non-AI/AN deaths – 4.0 (2.9-5.6)\(^1\)
  - Risk Factors:
    - Smoking, crowded housing, pre-existing chronic disparities (Asthma, Diabetes, CVD, etc), early access to care, healthcare barriers (transportation, etc),\(^2\)
    - access to vaccines***
- Under-vaccination in Medicaid Population:
  - “12.3% Medicaid enrollees in the sample were vaccinated for H1N1 in 2009-2010. Race-specific vaccination rates ranged from 8.1% in American Indian/Alaska Native (AI/AN) to 19.8% in Asian/Pacific Islander Medicaid enrollees….”\(^3\)

Yearly Influenza Vaccination Disparities Persist….

- American Indian/Alaska Native adults aged 18 years and over were 20 percent less likely as their non-Hispanic white counterparts to have received the influenza (flu) shot in 2020.\(^4\)
  - Pretty Stable year to year.
  - ~10% less likely if over 65yr
  - ~20% more likely to have asthma

- Access:
  - Transportation
  - Frequency of Care
  - Limits of Care received at UIOs
  - Trust
COVID-19: Community Strengths exist alongside disparities…

- "Compared to white children, American Indian/Alaska Native children were 4.5 times more likely to lose a parent or grandparent caregiver…" [5]

Rate Ratio of AI/AN people compared to White (non-Hispanic) [6]

<table>
<thead>
<tr>
<th>Cases</th>
<th>Hospitalizations</th>
<th>Death</th>
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<tbody>
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Community Strengths exist alongside disparities [7]…

Percent of People Receiving COVID-19 Vaccine by Race/Ethnicity and Date Administered, United States
December 14, 2020 – May 16, 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>At Least One Dose</th>
<th>Fully Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI/AN, NH</td>
<td>72.5%</td>
<td>60.4%</td>
</tr>
<tr>
<td>Asian, NH</td>
<td>67.9%</td>
<td>61.5%</td>
</tr>
<tr>
<td>Black, NH</td>
<td>48.1%</td>
<td>42.2%</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>62.7%</td>
<td>53.6%</td>
</tr>
<tr>
<td>Multiracial, NH</td>
<td>52.6%</td>
<td>52.7%</td>
</tr>
<tr>
<td>NH, NH</td>
<td>66.6%</td>
<td>60.2%</td>
</tr>
<tr>
<td>White, NH</td>
<td>53.7%</td>
<td>48.9%</td>
</tr>
</tbody>
</table>

At Least One Dose

Fully Vaccinated

Data Administered
#BeAGoodRelative Campaign – Bridging COVID-19 and Influenza Vaccination (and beyond)

Addressing COVID-19 and Influenza vaccination through an adaptive campaign...
Data informed outreach...

Influenza activity has been high in the Albuquerque metro area for nine weeks! "BeAGoodRelative" and visit an Urban Indian Organization to receive the influenza vaccine.

- First Nations Community HealthSource

4. Influenza Activity, Influenza Vaccination, and Other Adult Vaccinations

After months of increasing flu activity, reported flu activity started to decrease nationwide. This was most clearly seen in the Albuquerque service area, which reported low activity level for the first time since August.

Figure 1b: Influenza-like illness activity level in the Albuquerque service area.

New Mexico is the only area with elevated influenza-like activity level.

Figure 11: Influenza-like illness activity level in the Minneapolis service area.

Vaccine Promotion Videos

Reluctant, are you still unvaccinated for the flu and other emerging health threats?

Vaccines are a huge help

Disinformation and misinformation is everywhere these days.

Headed off to college?
Citations


https://ncuih.org/vaccine/