Tobacco Control in Indian Country

Isaiah Brokenleg MPH
Sicangu Lakota
Great Lakes Inter-Tribal Council

Presenter Disclosures

Isaiah Brokenleg

No relationships to disclose
Spiritual Medicines

- Water
- Tobacco
- Sage
- Sweetgrass
- Cedar
- Inner bark of the Red-Willow tree

Traditional Tobacco

- Spiritual Commodity
- Carries Prayer
- Physical Purposes
- Medicine
Traditional Tobacco

*Nicotiana rustica*

- Given as a gift to the people (various stories)
- Not to be bought or sold
- By itself (asema) or Mixed (kinnickinick)

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Commercial Tobacco
Commercial Tobacco
Nicotiana tobaccum

- Not traditional, imported
- Used as substitute
- Hiding in plain sight
- Addictive
- Harmful when abused

Research

- Previous Harms/Trust
- C.B.P.R.
- Need for Data
- Research Problems
People’s Theory

“Individualism and loss of community make us sick”
Tobacco Control Challenges

- Data
- Bias in standardized surveys
- Denominators
- Tribal politics
- Tribal sovereignty
- Smoking Normative

Tobacco Control Opportunities

- Community Based Participatory Research
- Positive relationships = open doors
- Access to leadership
- Tribal sovereignty
- Not as many people smoke as we think
Casino Patron Survey

- Lake of Torches Casino
- 2011
- n=1116
- Published in AJPM

Do you smoke commercial tobacco?* Missing = 9

- Yes: 251, 23%
- No: 856, 77%

*This result is also supported by other casino survey data done elsewhere. 60% of the Indian respondents identified as smokers. However, this result is not valid due to a low Indian "n".
All things equal, would you be more or less likely to visit if smoking were prohibited on gaming floor?  

- Much more likely: 57, 5%  
- More likely: 299, 27%  
- Does not matter: 369, 33%  
- Less likely: 248, 23%  
- Much less likely: 135, 12%  

Missing = 8
What is a Theoretical Win?

House Advantage

Decisions per Hour

Average Bet

\[ \text{Theoretical Win} = \text{X} \times \text{Time Played} \]

Slot Hold

Cost per Spin

Number of Spins

Total $ played

Theoretical Win

50¢

7%

$0.50

200

$100

$7

$93

$7
Proportion of theoretical win based on likelihood of patronizing a smoke-free casino

- 35%: More/Much More Likely to visit
- 65%: Less/Much Less Likely to visit

Questions?

Contact

Isaiah Brokenleg
715-588-1015
ibrokenleg@glitc.org