



Evaluation of an Interprofessional Substance Use Prevention Project



Presenters

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No Conflict of Interest



Objectives

1. Recognize the interprofessional partnership formed to address the prevention of substance abuse in the region.
2. Describe an innovative educational program to prevent substance use in school age populations.
3. Summarize a collaborative process of designing evaluation plans & tools to assess a population health promotion educational program.



Introduction

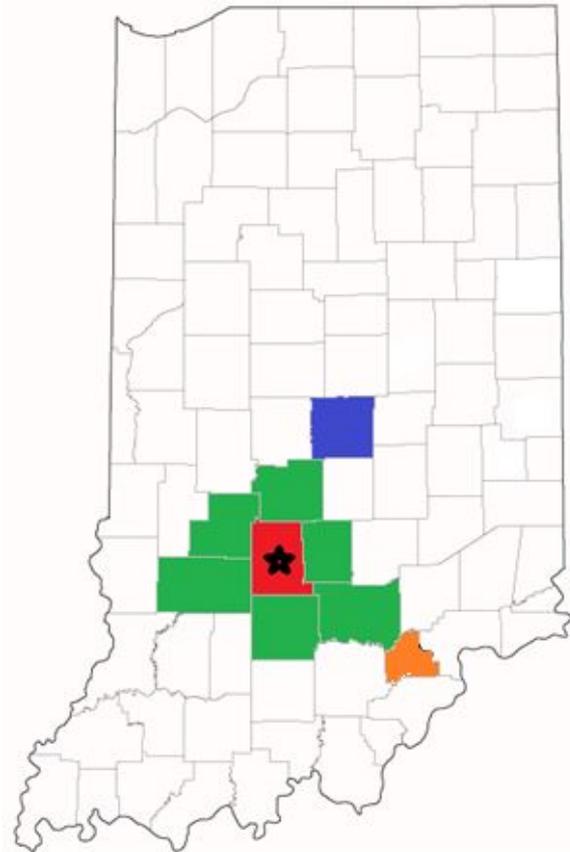


Aldrich Project: Leveraging Strengths through Partnerships

- Centerstone of Bloomington, IN
 - Non-profit, behavioral health organization
- Health science programs at Indiana University-Bloomington
 - Nursing
 - Psychological and Brain Sciences
 - Public Health
 - Social Work
- Indiana University Health Community Health

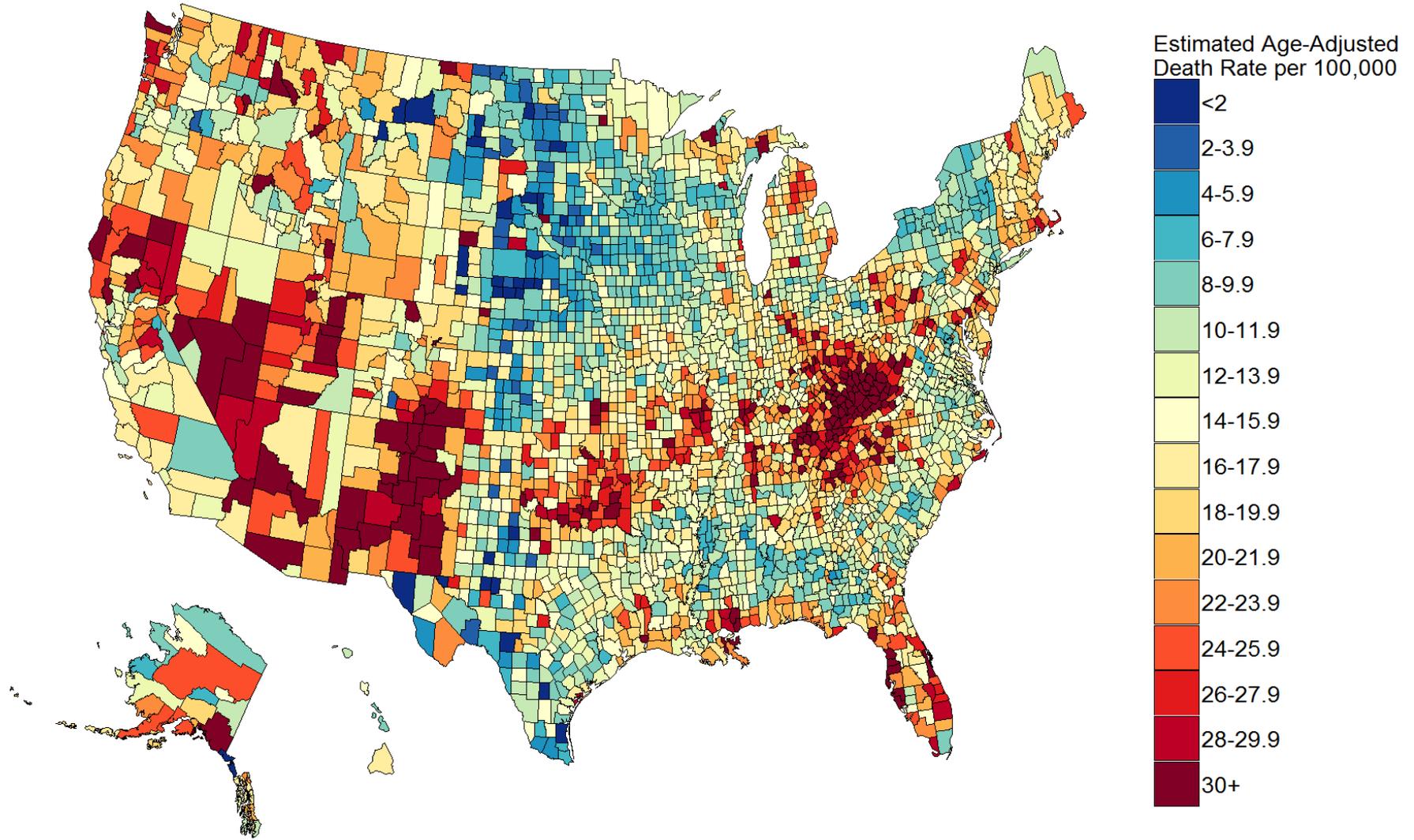


Results of the “Aldrich Counties” Health Assessment



- 2016: in-depth, multi-county community-based health assessment
- Priority health issue: Substance use disorder

Substance Use-Related Mortality

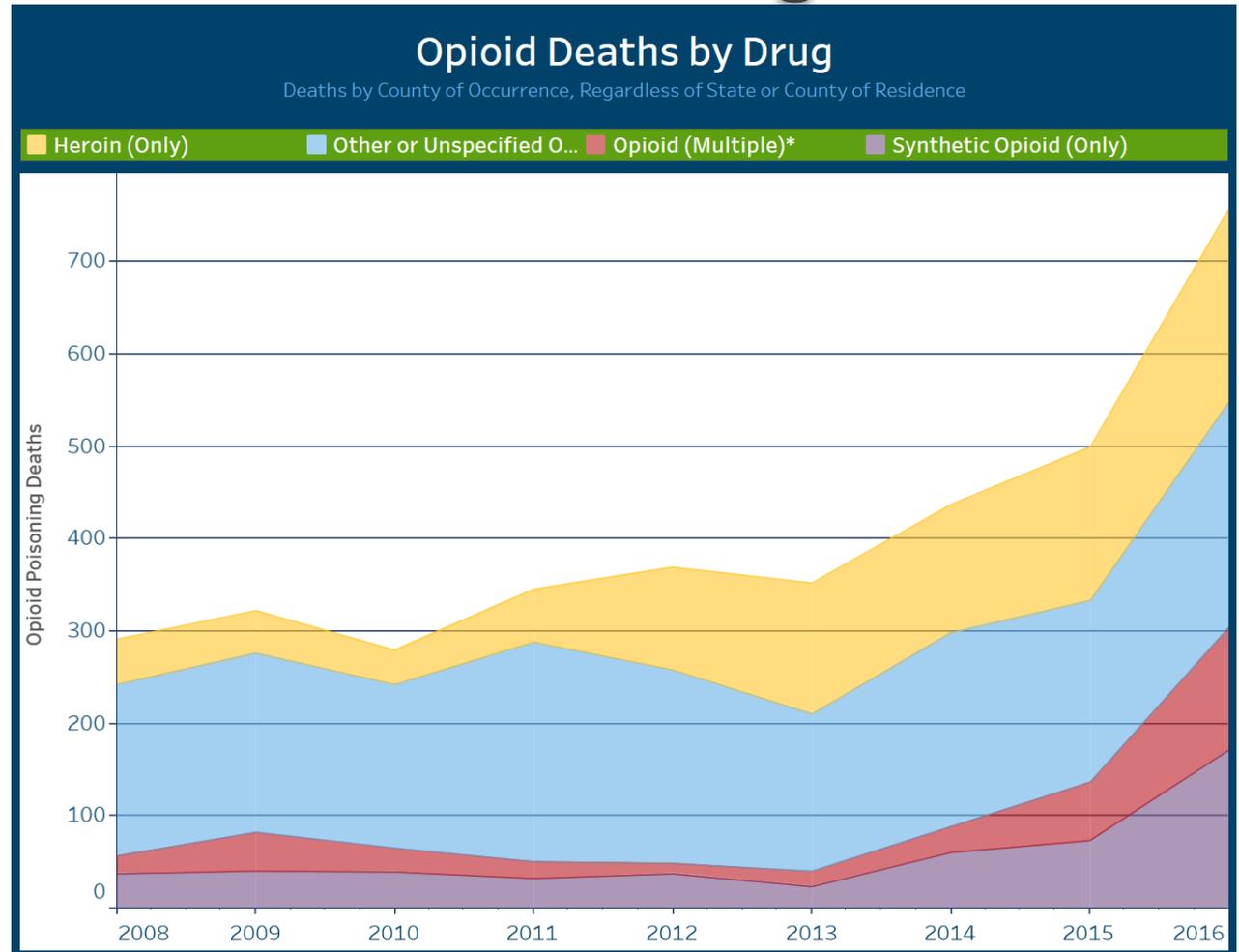


SOURCE: National Center for Health Statistics, National Vital Statistics System, mortality data. <http://www.cdc.gov/nchs/deaths.htm>



Indiana 14th Worst for Drugs in U.S.

- Ranked 1st in U.S. for meth-lab accidents (Northwest Indiana News)
- Steady increase in overdose deaths, from 7 in 2005 to 239 in 2015 (ISDH, 2017)
- Among treatment population, 62.8% reported use of 2+ drugs, significantly higher than U.S.' 54.3% (SAMHSA, 2014)





Opioid Misuse Costs Indiana

Opioid misuse costs Indiana over \$4 billion annually, or \$11 million daily

<https://news.iu.edu/external-news/iu-in-the-news/2018/05/15-big-opioid-misuse-cost.html>

Indiana Business Review May 14, 2018



Say It Straight



What is Say It Straight?

- Evidence based Communication/assertiveness training
- Program was established in Texas in 1982 as a result of drug use epidemic
 - 2001 US Department of Education declared SIS as a promising program to promote self-wellness.
 - 2005 Center of Substance Abuse Prevention declared SIS as Evidence Based Prevention Program
- Program highlights the importance of communication in establishing confidence in youth to make best health decision when faced with a choice



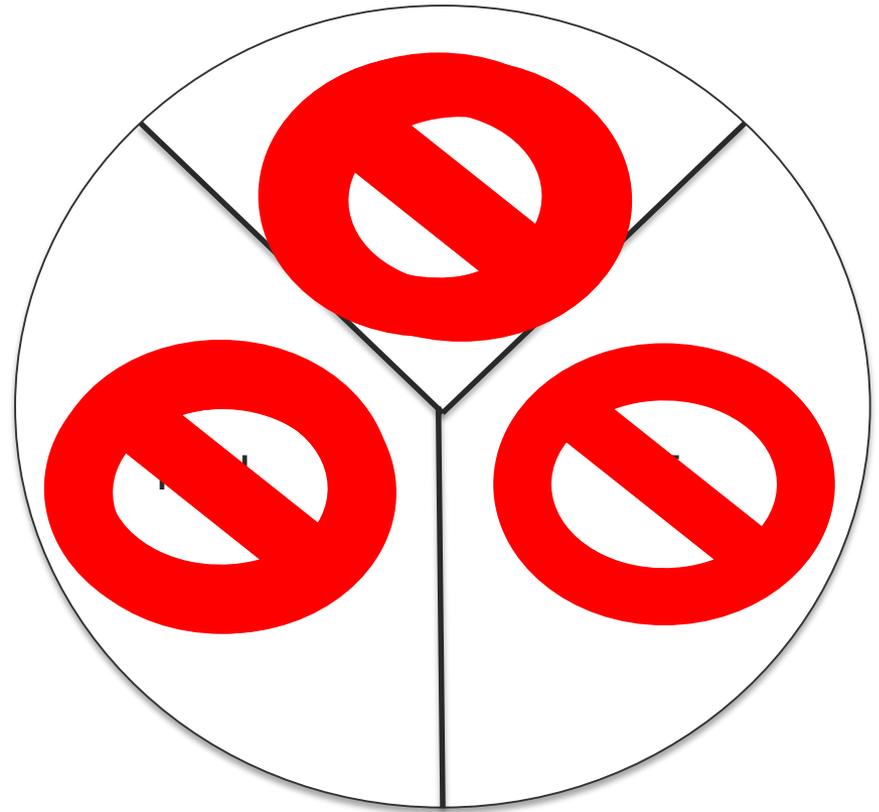
Say It Straight Communications

Disempowering Communications

- Placate
- Blame or Bully
- Passive Aggressive
- Super Reasonable
- Irrelevant

Empowering Communication

- Say It Straight





Say It Straight's Interactive Activities

- Guided Imagery
- Body Sculpture
- Role Plays
- Workbooks/Journals
- Open dialogue



Implementation of *Say It Straight*



Strategies

Breaking barriers across traditional professional silos

- Aldrich Advisory Board – multidisciplinary approach
- Health science students, interprofessional education (IPE) teams

Academic-community partnerships

- Leverage academic resources and expertise to adapt to community needs
- Implementation within community (e.g. schools, afterschool programs)

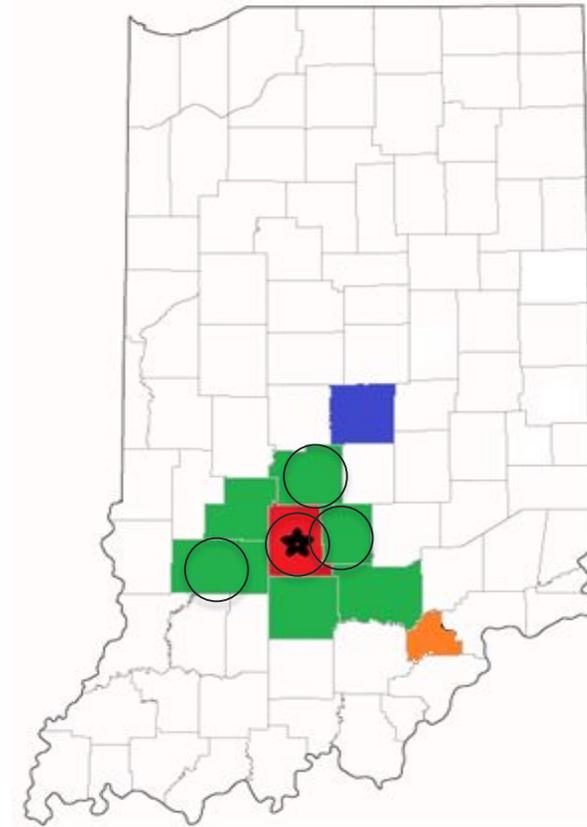


Implementation Sites

Sites

- Brown County
- Greene County
- Monroe County
- Morgan County

Strategic Planning of Implementations





Aims



Collaboration with Multiple Health Related Disciplines

To design instruments to evaluate the implementation of SIS
(communication assertiveness training) in the schools &
improve the quality of this population health project.

Data from: classroom teachers

school age children

health science students



Methods



Design of the Evaluation Tools

School of Nursing faculty

Dept. of Psychological and Brain Sciences
faculty

School of Public Health faculty

School of Public Health Master's Students in a
health science evaluation course



Evaluation Strategies

- Surveys to school age children – Matching game & Card Sort – identify terms
- Focus Groups for Health Science Students – perceptions of communication & IPE collaboration
- Qualtrics Survey to Classroom Teachers – identifying what was effective & how tailor



Results





Evaluation Implementation

- 1) No IRB needed as a quality improvement analysis
- 2) Fall 2018 – post surveys & post card sort
- 3) Spring 2019 – pre, post, 1 month post 6-8th grades
post, 1 month post 1-4th grades



Analysis

Spring 2019 surveys:

6-8th grade = Significant difference between pre & post surveys

No significant difference between post & 1 month post surveys

6-8th grade comprehending the SIS program and retaining it's contents 1 month post implementation



Analysis - continued

Spring 2019 surveys:

1-4th grade compared to 6-8th grade = 6-8th grade mean 1.7 higher than 1-4th grade mean

These findings with additional teacher & IPE student feedback = simplify the wording in 1st – 4th grade classroom's implementation



IPE Student Feedback

“My experience with implementing the Say It Straight training was also incredibly helpful to my future career and myself personally. I was skeptical of the impact that we could have going into the schools, but watching the way in which we could touch lives and change attitudes really changed my perspective completely. As a nurse, I feel so much more confident talking to my patients about their struggles as well as gauging a community as a whole in order to potentially improve the health of an entire population.”

Sr. Nursing Student Spring '19



Conclusions



Implementation & Data Collection a Collaborative Process

1. IPE partnership
2. Adept communication
3. Continual Tweaking



Next Steps

- Developing & expanding presence in schools
 - Increase implementation catchment area
- IRB
 - Participants of program regarding future SUD
- Collaboration with Master of Public Health Students
- Present
- Publish



Questions?

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