

Latino Farmworker Health Outcomes: Engaging Youth and Families in Research and Prevention



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CENTER FOR FAMILY RESILIENCE

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***Northeastern Oklahoma
Latino Population
Urban / Farm Worker***



United States™ Census 2010

Oklahoma Changes From 2000-2010

	<i>Change</i>	<i>Percentages</i>
Non Hispanic or latino	148,001	4.52%
Latino or Hispanic	152,703	85.16%

2010 Percentage

White	72.16%
Latino or Hispanic	8.85%
Native American	8.58%
African American	7.40%

Background

- Agriculture is among the most dangerous occupations - #2 most dangerous for younger workers
- Agricultural Hazards can be more dangerous for adolescents than adults



Projects

- **Urine samples from youth (2014)**
 - N=61
 - \$10 for every sample returned
 - Cooler provided w/detailed instructions
 - 90% of youth returned all 7 samples
 - Sundays: Before and after church



Projects

- **Pesticide safety education (2016)**
 - N=200; youth ages 12-21
 - \$40 for two surveys
 - \$55 if attend all 4 sessions
 - Flexible scheduling: twice per week
 - Retention: 84%-91%
 - Attendance: 85%-88%

Challenges

- A large nursery filed bankruptcy; impact workforce?
- Adolescents working fast-food jobs rather than nursery jobs?
- Involvement in this project will not impact status with employer
- Establishing trust in the context of national climate

Recruitment Strategies

- Community-wide health fairs
- Radio presence
- Trusted project coordinator

Engagement Strategies

- Targeting specific venues for program delivery (e.g., churches)
- Careful construction of survey instruments and protocol that are sensitive to Latino families
- Incentives (\$, dinner, certificate)

Engagement Strategies

- Lay Health Advisors, “promotoras de salud” deliver curriculum to parents and youth
 - Rapport
 - Trust
 - Communication
 - Experience working with families
 - Program delivery is an interactive process

Thank You!

