

University of New Mexico

UNM Digital Repository

2020 Pediatric Research Forum Poster Session

Annual Pediatric Research Forum Poster Sessions

9-17-2020

Baseline Results from the Strategic Implementation of Screening, Brief Intervention and Referral to Treatment (SBIRT) in School-Based Health Centers Initiative

Grace McCauley

Timothy Ozechowski

Julia Martinez

Elizabeth Yakes Jimenez

Mary M. Ramos

Follow this and additional works at: https://digitalrepository.unm.edu/hsc_2020_pediatric_research



Part of the [Pediatrics Commons](#)

Recommended Citation

McCauley, Grace; Timothy Ozechowski; Julia Martinez; Elizabeth Yakes Jimenez; and Mary M. Ramos. "Baseline Results from the Strategic Implementation of Screening, Brief Intervention and Referral to Treatment (SBIRT) in School-Based Health Centers Initiative." (2020). https://digitalrepository.unm.edu/hsc_2020_pediatric_research/19

This Poster is brought to you for free and open access by the Annual Pediatric Research Forum Poster Sessions at UNM Digital Repository. It has been accepted for inclusion in 2020 Pediatric Research Forum Poster Session by an authorized administrator of UNM Digital Repository. For more information, please contact amywinter@unm.edu, lsloane@salud.unm.edu, sarahrk@unm.edu.

Background

- The rates of substance use among teens in New Mexico (NM) are among the highest in the US.
- Regular use of illicit drugs during adolescence can compromise mental and physical health and contribute to poorer longer-term outcomes.
- The Strategic Implementation of Screening, Brief Intervention and Referral to Treatment (SBIRT) in School-Based Health Centers (SBHCs) [SISS] initiative implements and evaluates the SBIRT model, with a goal of identifying, reducing, and preventing substance use in New Mexico (NM) adolescents.

Objectives

- For this analysis, we describe baseline (year 1) data on the provision of SBIRT to adolescents at-risk for substance abuse.

Methods

- From October 2019 to May 2020, students from five participating SBHCs located in secondary schools in Albuquerque, NM were screened for substance use concerns using the CRAFFT tool, a validated instrument for adolescents aged 12-21.
- When a student screens positive on the CRAFFT, SBHC providers:
 - Inquire about current substance use (past 30 day use of marijuana, alcohol, opioids and other substances),
 - Provide brief intervention, and
 - Attempt to engage in follow-up care and referral to behavioral health, as appropriate.



Source: <https://www.cdc.gov/ncbddd/fasd/features/teen-substance-use.html>

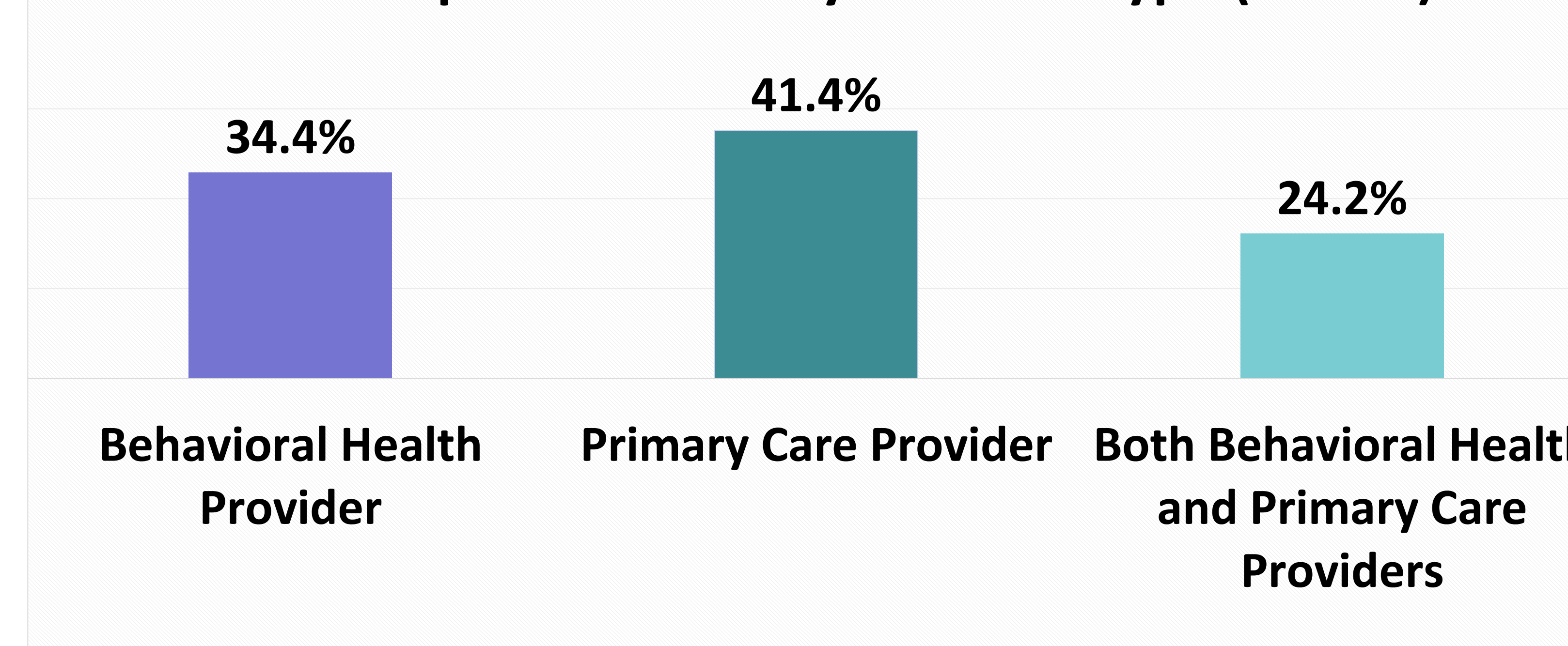
Results

Characteristics	Screening Group		
	Not screened (N=222)	No use* in past year (N=947)	Use* in past year (N=489)
Age, mean (SD)	15.5 (1.8)	14.8 (1.9)	15.7 (1.6)
Female, n (%)	117 (53.7)	607 (64.2)	333 (68.7)
Race/Ethnicity, n (%)			
Hispanic	121 (60.5)	587 (72.7)	334 (72.0)
Non-Hispanic White	35 (17.5)	99 (12.3)	73 (15.7)
Black	28 (14.0)	55 (6.8)	26 (5.6)
Native American	9 (4.5)	45 (5.6)	25 (5.4)
Asian	6 (3.0)	17 (2.1)	4 (0.4)
Other	1 (0.5)	4 (0.5)	2 (0.4)

*Use = Alcohol or substance use

- A total of 1658 adolescents (≤20 years) received SBHC services across five participating SBHC sites.
 - Of these youth, 1436 (86.6%) were screened for substance use.
 - Of the 1436 youth screened, 222 (15.5%) were CRAFFT positive, indicating possible substance use disorder.
 - Of the 222 youth who were CRAFFT positive, 128 (57.7%) received SBHC follow-up care within 30 days of the positive CRAFFT screen.

Follow-up SBHC Visits by Provider Type (N=128)



Conclusions

- Preliminary results of the implementation of SBIRT in SBHCs are encouraging. Further analysis of year one data is underway.
- Efforts are on-going to improve follow-up care and enhance SBHC provider training in essential SBIRT communication skills for teens with substance use concerns.
- SBHCs may offer a unique opportunity for adolescent engagement and follow-up care compared to other primary care clinics.

Acknowledgements

- This project is funded by the Conrad N. Hilton Foundation through the Substance Use Prevention Program Grant Number 17608 (PI: Ramos) and by the New Mexico Department of Human Services grant 14-630-8000-008 A2.
- Thanks for assistance in poster design to Mayvilynne Poblete.

Disclosures

- The authors of this presentation have no financial or personal relationships with commercial entities that may have a direct or indirect interest in the subject matter of this presentation.

References

New Mexico Department of Health. Indicator-Based Information System (NM-IBIS) for Public Health. Substance Use. Retrieved 3 Sept 2020 from <https://ibis.health.state.nm.us/topic/healthoutcomes/SubstanceAbuse.html>