

North Dakota Partnership for Success Grant

Underserved Community Formula Overview

Measures Used

Capacity Measure

- Total average community capacity score

Consequence Measures

- Rate of alcohol-involved vehicle crashes per 100,000 population
- Rate of alcohol-involved vehicle fatalities per 100,000 population
- Rate of alcohol-related arrests per 100,000 population
- Percentage of middle school students who ever rode in a vehicle driven by someone who had been drinking
- Percentage of high school students who, in the past 30 days rode, in a vehicle driven by someone who had been drinking
- Percentage of high school students who in the past 30-days drove a vehicle after they consumed alcohol.

Consumption Measures

- Percentage of students using alcohol sometime in their life
 - Middle School Students
 - High School Students
- Percentage of students using alcohol sometime in the past 30-days
 - Middle School Students
 - High School Students
- Percentage of high school students who in the past 30 days binge drank

Intervening Variable

- Percentage of high school students who reported there were great risk if they engaged in frequent binge drinking (lower percentages considered at greater risk)

Target Population Measures

- Either:
 - Percentage of high school students reporting they ever lived with someone with mental health issues
 - Percentage of high school students reporting they ever lived with someone with substance use concerns
- Percentage of population age 18-25
- Number of active military personnel
- College enrollment count

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Table 1. The Total Number of Measures Used to Assess High Need Communities for the Different Domains, the Maximum Number of Measures Observed to Be Scored Because Above the Mean, and Total Score Weights Used for Each Domain

Domain	Raw Scores		Total Score Weights
	Num Measures	Max Observed	
Capacity	1	1	12.5%
Consequence	6	3	12.5%
Consumption	5	5	12.5%
Intervening Variable	1	1	12.5%
Target Population	4	3	50.0%
Possible Measures	17		100.0%

Table 2. High Need Community Scores for Each Domain and Total Scores Used to Identify the High Need Communities and be Offered PFS Funding: Scores for All Local Public Health Units and Tribes

Community	Capacity		Consequence		Consumption		Intervening Variable		Target Population		Total Scores	
	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.
First District HU	1	12.5	0	0.0	0	0.0	0	0.0	3	50.0	4	63
Spirit Lake	1	12.5	3	12.5	0	0.0	0	0.0	2	33.3	6	58
Upper Missouri DHU	0	0	3	12.5	5	12.5	1	12.5	1	16.7	10	54
Grand Forks PHD	0	0	0	0.0	0	0.0	0	0.0	3	50.0	3	50
Fargo Cass PH	1	12.5	0	0.0	0	0.0	0	0.0	2	33.3	3	46
Lake Region DHU	0	0	2	8.3	0	0.0	0	0.0	2	33.3	4	42
Turtle Mountain	0	0	2	8.3	0	0.0	0	0.0	2	33.3	4	42
Southwestern DHU	0	0	3	12.5	4	10.0	1	12.5	0	0.0	8	35
Richland County HD	0	0	0	0.0	0	0.0	0	0.0	2	33.3	2	33
Bismarck-Burleigh PH	0	0	1	4.2	2	5.0	0	0.0	1	16.7	4	26
Three Affiliated	1	12.5	3	12.5	0	0.0	0	0.0	0	0.0	4	25
Rolette County PHD	0	0	2	8.3	0	0.0	0	0.0	1	16.7	3	25
Dickey County HD	1	12.5	2	8.3	0	0.0	0	0.0	0	0.0	3	21
Cavalier HD	0	0	1	4.2	0	0.0	0	0.0	1	16.7	2	21
City County HD	0	0	1	4.2	0	0.0	0	0.0	1	16.7	2	21

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Community	Capacity		Consequence		Consumption		Intervening Variable		Target Population		Total Scores	
	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.	Raw	Wtd.
Towner County PH	0	0	1	4.2	0	0.0	0	0.0	1	16.7	2	21
Foster County PH	1	12.5	1	4.2	0	0.0	0	0.0	0	0.0	2	17
LaMoure County HD	1	12.5	1	4.2	0	0.0	0	0.0	0	0.0	2	17
Wells DHU	1	12.5	1	4.2	0	0.0	0	0.0	0	0.0	2	17
Kidder County DHU	0	0	2	8.3	2	5.0	0	0.0	0	0.0	4	13
McIntosh District HU	0	0	3	12.5	0	0.0	0	0.0	0	0.0	3	13
Nelson-Griggs DHU	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	1	13
Pembina County PH	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	1	13
Walsh County HD	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	1	13
Emmons County PH	0	0	1	4.2	2	5.0	0	0.0	0	0.0	3	9
Standing Rock	0	0	1	4.2	2	5.0	0	0.0	0	0.0	3	9
Western Plains PH	0	0	1	4.2	2	5.0	0	0.0	0	0.0	3	9
Central Valley HD	0	0	1	4.2	0	0.0	0	0.0	0	0.0	1	4
Steele County PHD	0	0	1	4.2	0	0.0	0	0.0	0	0.0	1	4
Ransom County PH	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
Sargent County DHU	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
Traill DHU	0	0	0	0.0	0	0.0	0	0.0	0	0.0	0	0