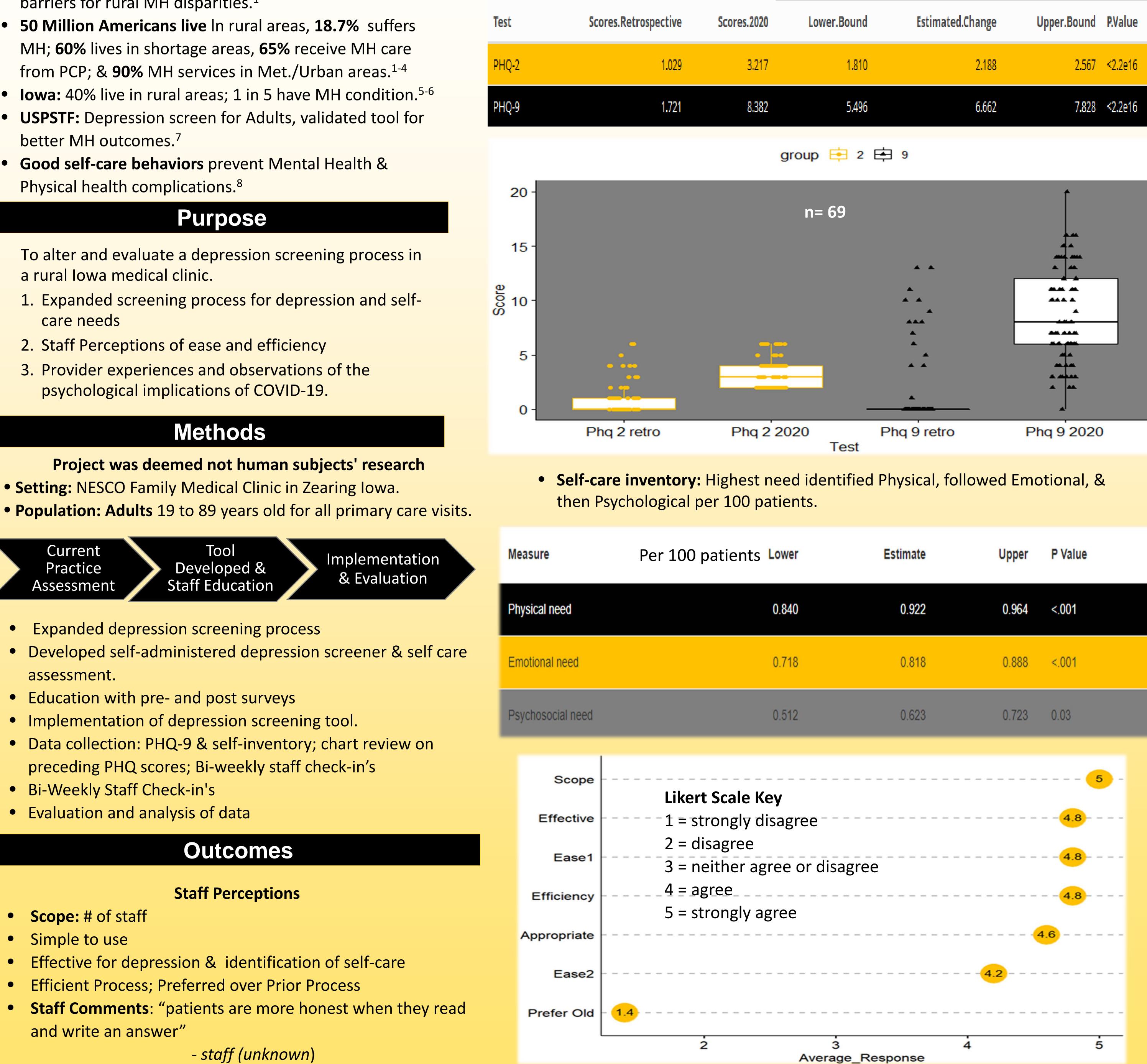


Introduction

- **Problem:** Accessibility, availability, and acceptability are barriers for rural MH disparities.¹
- 50 Million Americans live In rural areas, 18.7% suffers MH; **60%** lives in shortage areas, **65%** receive MH care from PCP; & **90%** MH services in Met./Urban areas.¹⁻⁴
- **Iowa:** 40% live in rural areas; 1 in 5 have MH condition.⁵⁻⁶
- **USPSTF:** Depression screen for Adults, validated tool for better MH outcomes.⁷
- Good self-care behaviors prevent Mental Health & Physical health complications.⁸

- care needs
- psychological implications of COVID-19.



Evaluation of a PHQ-2/9 Depression Screening Process

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- **Paired T-tests:** PHQ-9 significantly higher in 2020
- PHQ-9: 95% CL is 5.5 to 7.8 higher, estimated difference 6.7

Change

Estimated.Change	Upper.Bound	P.Value
2.188	2.567	<2.2e16
6.662	7.828	<2.2e16

stimate		Upper	P Value	
0.922		0.964	<.001	
0.818		0.888	<.001	
0.623		0.723	0.03	
			5	-
			- <mark>- 4.8</mark>	
			<mark>4.8</mark>	
			<mark>4.8</mark>	
		4	.6	
		4.2		
onse	4		5	

What are the psychological implications you have observed from patients due to the pandemic?

- homes"
- suffered"
- symptoms & self-care needs
- PHQ-9 scores: higher 2020 visits
- Staff Views: simple & efficient
- saturation of depression screeners.
- (2) Pandemic consequences
- Staff: Process simple, easy and efficient

health/1/definition america-challenges-and-opportunities.shtml https://www.ruralhealthinfo.org/states/iowa https://namiiowa.org/about-mental-illness/facts-figures/. al/depression-in-adults-screening <u>814.pdf</u>

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• **Provider 1:** "Our old people are suffering, dying from loneliness and fear. The virus is potentially serious in some people, but our policies surrounding it causes additional suffering, especially in the nursing

• **Provider 2:** " Due to the pandemic, there is even more mental health concerns in this community, not to mention the MH that is already

Evaluation

• Self-administered screening tool: effectively identified depression

• Self- Care: Highest: Physical; then Emotional; & psychological least

• Limitations: sample size; manual documentation-possible errors,

• Future Recommendations: Repeat after Pandemic ; Adolescent Pop.

Conclusions

• Increase in PHQ-9 scores from 2020 visits than retrospectively. (1) administration difference of depression screening process

Dissemination: Presentation to NESCO Family Medical Clinic & Possible Publication in The Journal of Rural Health

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