



## INTRODUCTION

- The Hennepin Healthcare Pediatric Mobile Clinic provides care to families unable to access care in the traditional clinic setting.
- Launched during the early COVID-19 pandemic to address declining childhood immunizations, it now offers full pediatric primary care services
- This study aims to describe the demographic data of patients served and evaluate for change in pediatric Emergency Department (ED) visits following enrollment in the program

## METHODS

- Retrospective analysis of data: May 2020 to February 2024
- Descriptive statistics generated to characterize patient population
- Comparison of ED visits six months pre and post first mobile health encounter conducted for each patient
- Change in pre-post ED visits assessed using Wilcoxon signed rank test



## RESULTS

### Results: Demographics

Social Vulnerability Index (SVI) Quartile	Percentage
Quartile I	2.8%
Quartile II	7.8%
Quartile III	28.6%
<b>Quartile IV (highest social vulnerability)</b>	<b>60.8%</b>

Table 1: SVI

Race	Percentage
<b>Black</b>	<b>49%</b>
Latino	28%
Asian	6%
White	6%
Unknown	6%

Table 2: Race

Primary Language	Percentage
English	57%
Spanish	28%
Other/unknown	8%
Somali	5%
Hmong	2%

Table 3: Primary Language

Insurance	Percentage
MA (Medical Assistance)	64%
Private Insurance	22%
No Insurance	13%
MinnesotaCare	1%

Table 4: Insurance Type

### Results: ED Utilization

	Number of individuals	Total mobile clinic visits	Prior ED visits	Follow-up ED visits	Percent change	P-value
<b>Black</b>	481	600	85	50	<b>-41.2%</b>	<b>0.002</b>
Latino	320	363	26	31	19.2%	0.450
Asian	115	128	2	0	-100.0%	0.157
White	61	69	7	7	0.0%	1.000
Other/unknown	64	68	7	7	0.0%	1.000
<b>Combined</b>	<b>1041</b>	<b>1228</b>	<b>127</b>	<b>95</b>	<b>-25.2%</b>	<b>0.031</b>

## CONCLUSIONS

- Reached a diverse, high-risk population
- "Safety net of safety net"
- Decrease ED utilization in largest population served (Black children) with 40% reduction
- Future study is needed with larger data set, qualitative data



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