



PAMLICO COUNTY

**DISASTER  
RECOVERY  
COALITION**

Prepare • Respond • Recover

# **PCDRC Presentation for Rotary Club**

*July 11th, 2022*



# Introductions

## ***Duke Student Team***

Nick Haddad

Adey Harris

Rujia Xie

Advika Kumar

## **Mentors**

Bob Fuller - *Chairman, PCDRC*

Linda McDonald - *Director, PCDRC*

Ellen Blackmon - *Co-lead PCDRC  
Volunteer Brigade*

Dr. Diana Silimperi, MD and Dr.  
Sumedha Ariely, PhD - *Faculty  
Leads, SRT*

# Tonight's Agenda



PCDRC's Impact and  
Vulnerability  
Assessment

Key Needs and  
Vulnerabilities

Interventions and  
Future Volunteer  
Opportunities

# **Our Project**

# PCDRC's Impact

**150**

homes completed



**391**

households  
referred



## Risk and Vulnerability Assessment



Property Structure



Health Status



Social Profile



Disaster Prep

# Survey Distribution Statistics

**Households Directly  
Contacted**



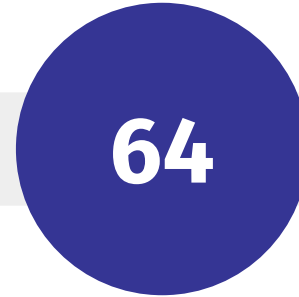
*Called or  
canvassed*

**Surveys  
Distributed**



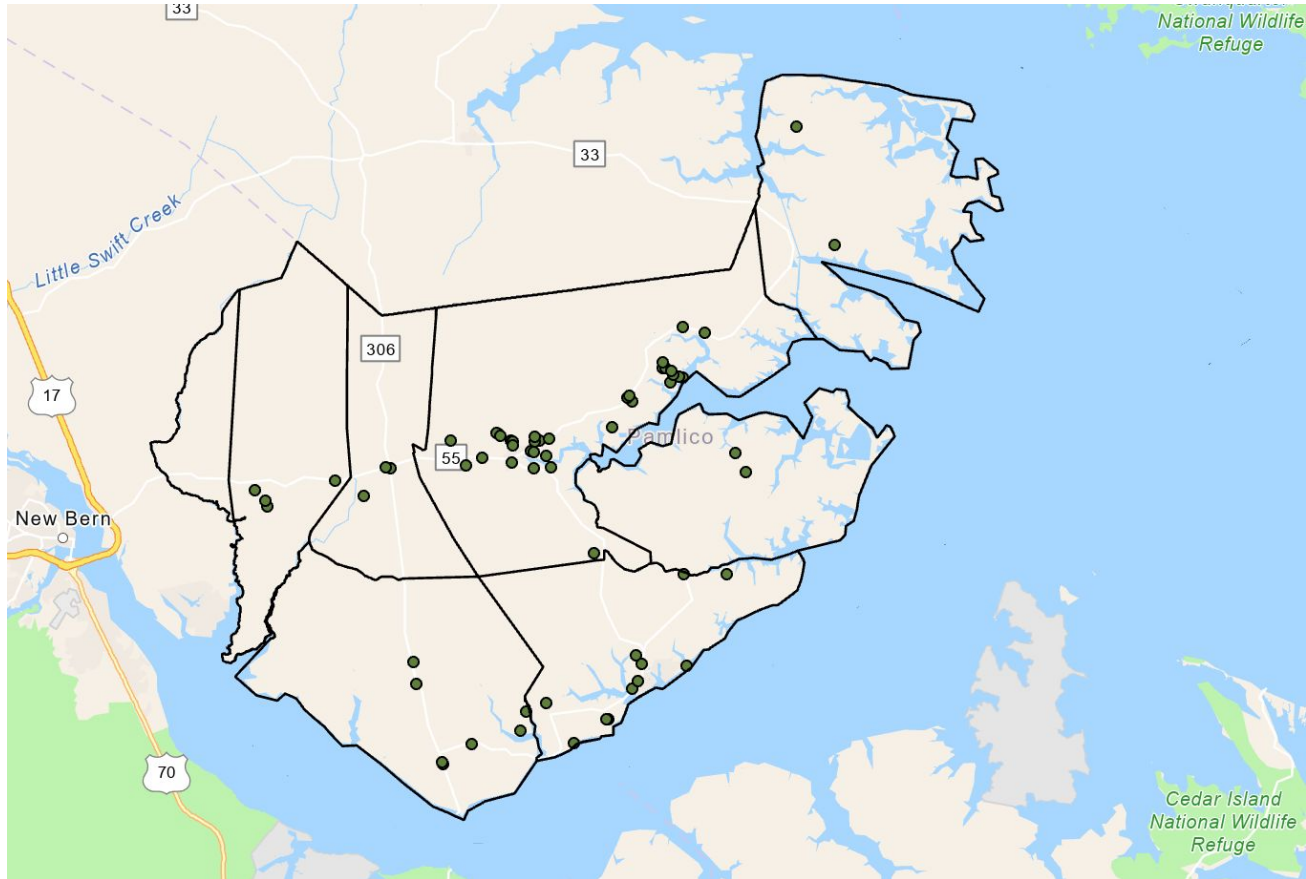
*Received a  
survey*

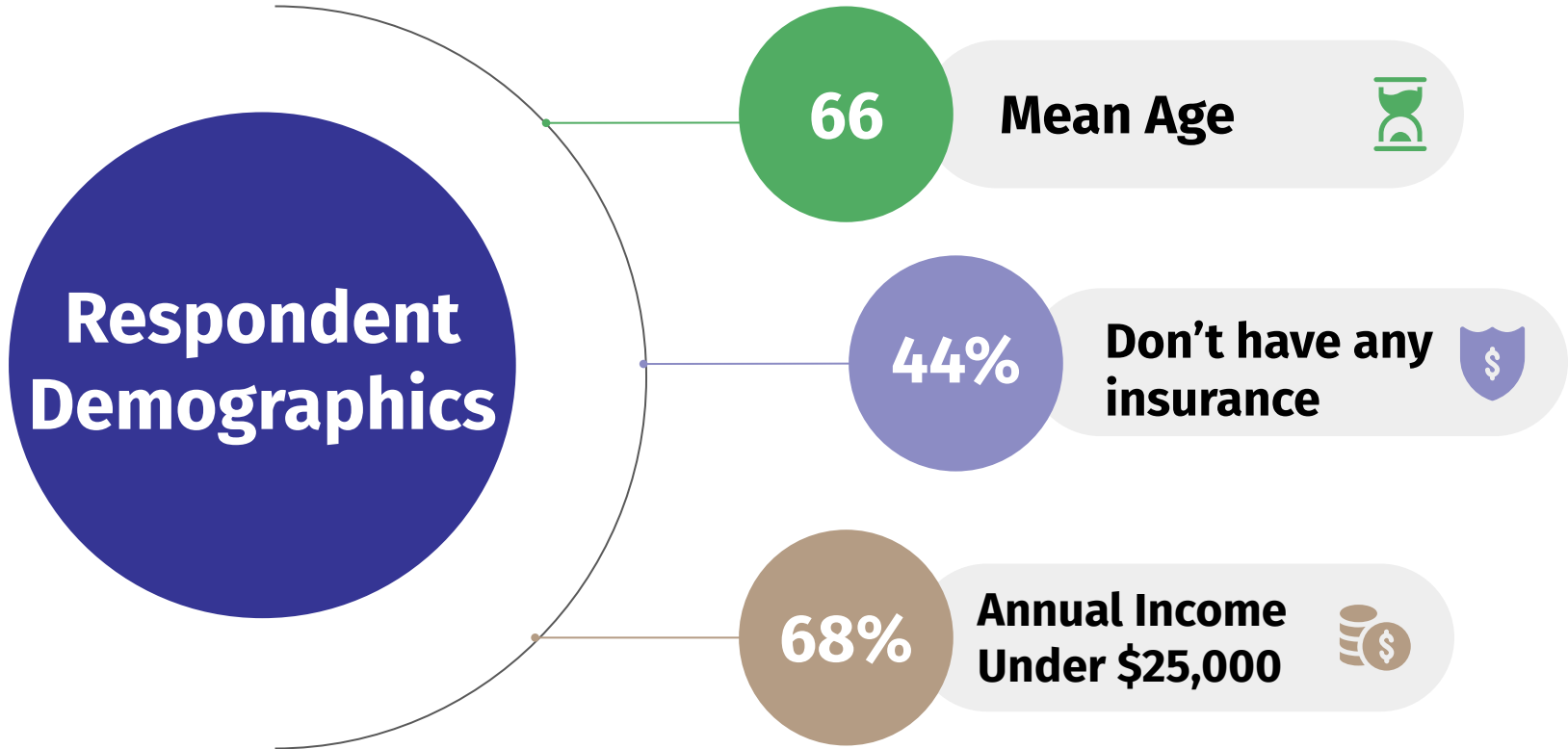
**Surveys  
Completed**



*Completed a  
survey*

# Where are the respondents located?







# **Our Findings**

# Quick Poll:

**Is your home  
raised above  
ground level?**



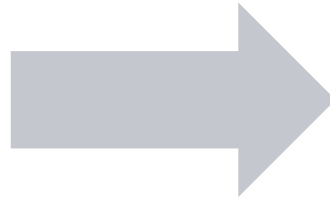
# Home Repairs

## Findings

**48%** Houses were not raised

**79%** indicated at least 1 household issue

**26.5%** indicated the presence of mold



## Interventions

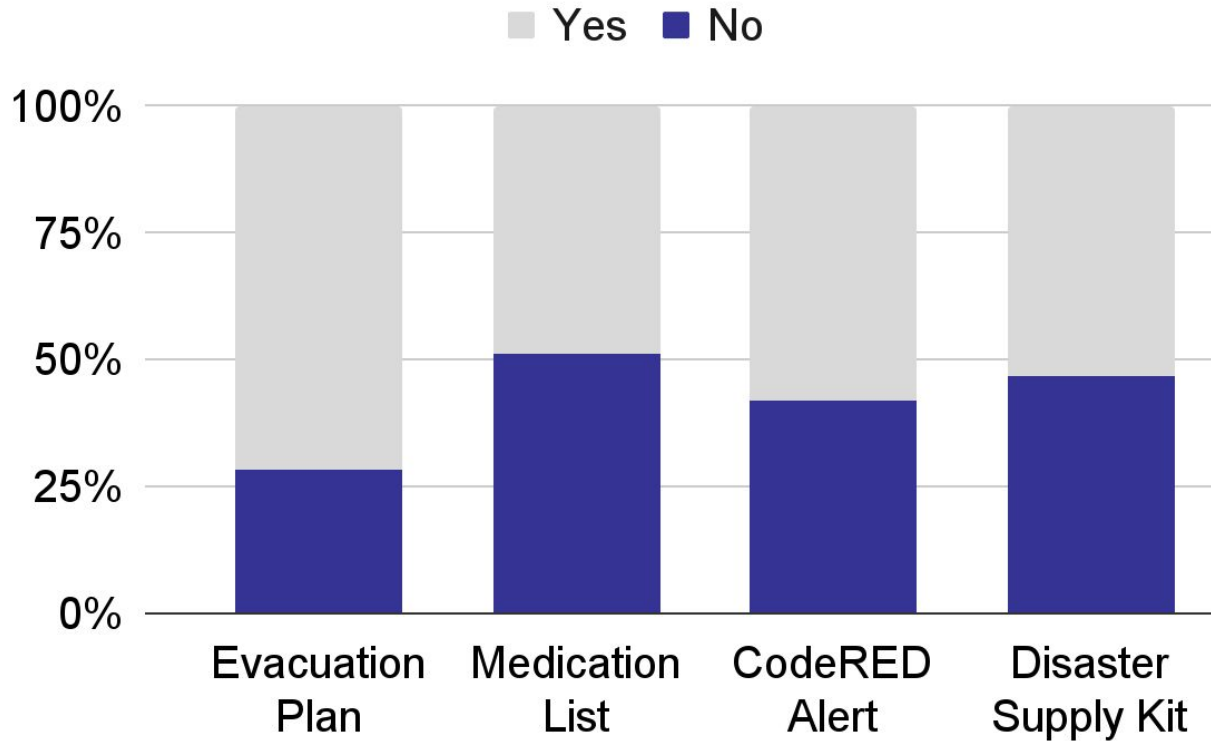
1. Follow up with the most vulnerable homes
2. Apply for risk mitigation grants and repair urgent needs

# Quick Poll:

**Do you have an  
evacuation plan?**



# Disaster Preparedness



## Interventions

1. Distribute medication cards and sign up households for CodeRED
2. Host disaster supply kit and evacuation plan sessions

**Quick Poll:**

**Do you have a  
generator?**



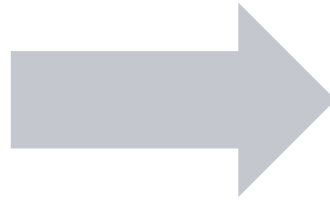
# Health Difficulties

## Findings

**33.8%** use medical equipment that requires electricity

**20.9%** use walkers

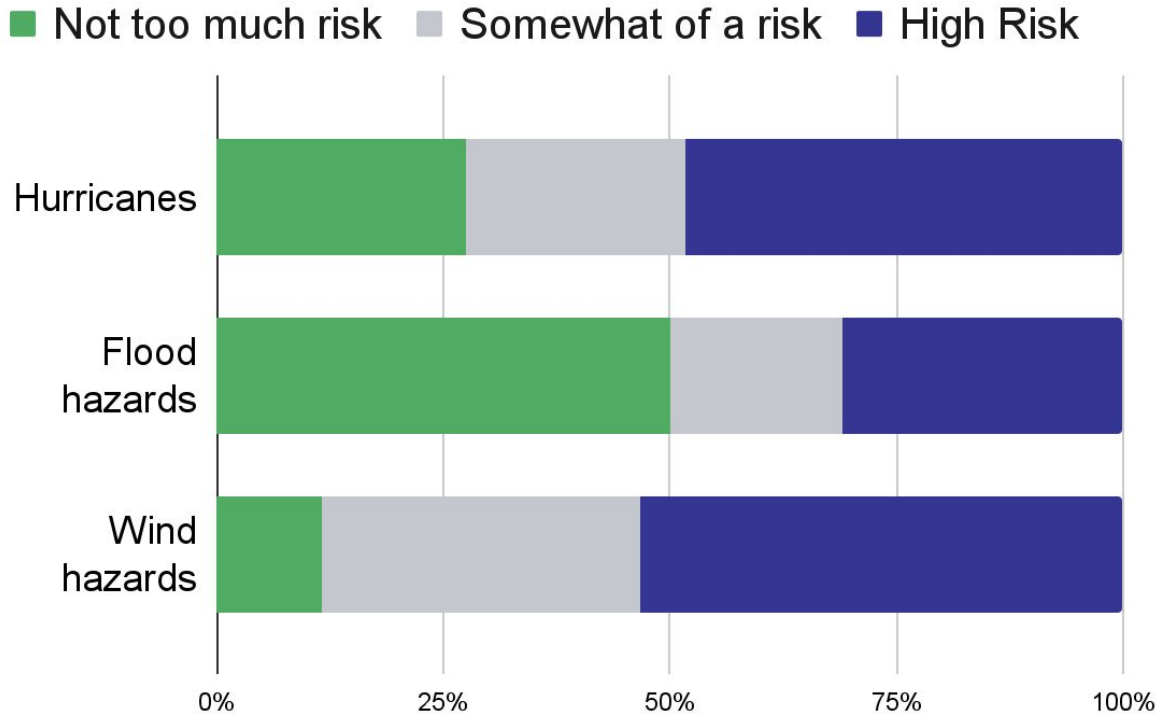
**32.2%** use canes



## Interventions

1. Share list of homes with electric medical equipment with fire departments and emergency services
2. Ramp Installations

# Perceived Risk



## Interventions

1. Property Maintenance:  
Cut tree limbs,  
clear drainage,  
secure propane tanks
2. Support groups



**Future  
Growth**

# Implementing Interventions



**Build  
Volunteer  
Brigade**



**Initiate  
Community  
Partnerships**



**Identify  
Sustainable  
Funding**

# How can you help?



## Grant Writing

Apply for risk mitigation grants

## Distribute Medication Cards and CodeRED

Continue delivering preparedness tools



## Lend a Hand

Help with household repairs

## Spread the Word

Share our mission with others who may be interested!



# Thank you for listening! Any questions?

A special thanks to our mentors:

- Bob Fuller, Linda McDonald, and Ellen Blackmon at the PCDRC
- Dr. Diana Silimperi, MD
- Dr. Sumedha Ariely, Ph.D.

## Want to volunteer?

1

Indicate your interests/skills

2

Share your availability

3

Hand the form to us on your way out

# Frequently Asked Questions

- What's the time commitment of the Volunteer Brigade?
- What are typical volunteer responsibilities?
- How will PCDRC communicate with me if I sign up to volunteer?
- Where is the PCDRC office located?
- How does PCDRC choose which households it helps?
- How did you all identify which homes to follow-up with?
- Where can I learn more about your findings?