

# Evaluating Program Participant Outcomes of Tri-State Nurses on Boards Training

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## Introduction

### Topic

- Arkansas Center for Nursing (ACN) and Tennessee Action Coalition (TAC) sponsored the two-day live virtual training session
- 23 nurse leaders from Tennessee and Arkansas attended the two-day live virtual training session
- The *Tri-State Nurses on Boards Training* prepared nurses to serve on boards and promote a culture of health
- Health-promoting boards include private, corporate, non-profit, advisory, commissions, appointed and elected
- Nurses Building a Culture of Health in the Arkansas-Tennessee Delta (Nurses CHAT) grant focused on social determinants of health and equity in the Arkansas-Tennessee Delta border
- Social determinants of health include the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping the conditions of daily life (WHO, 2022)

### Problem

- There is a need for nurses to serve on health-promoting boards
- Pre and post data from the module tests exist and have not been analyzed
- The organization does not know program outcome

### Team

- Dr. Patti Scott, DNP, RN, PNP, NCSN-E

### Aim

- Evaluate program outcomes of tri-state nurses on boards training

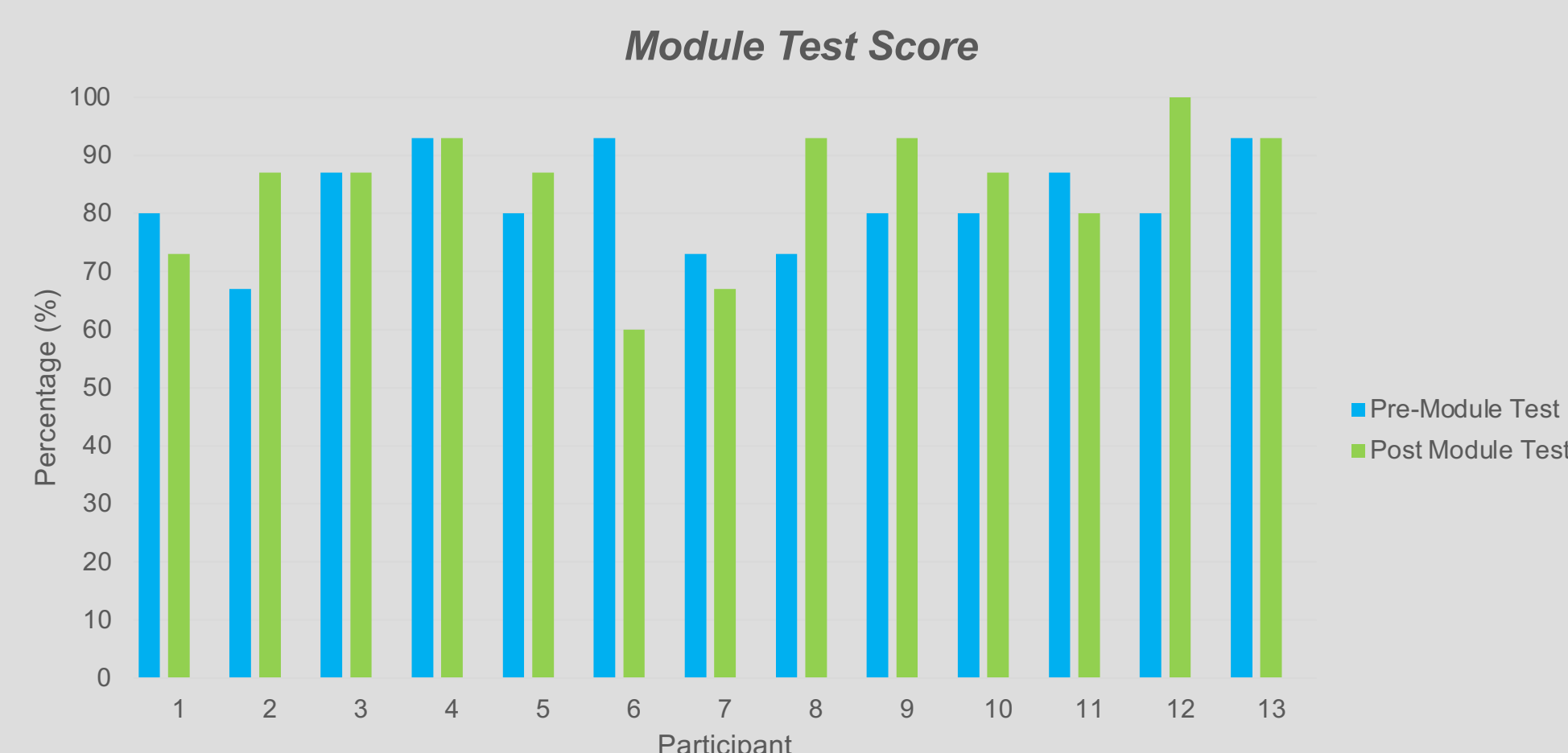


Figure 1  
Pre & post-module test score

## Methods

### Objectives

- Measure learning outcomes of two-day live virtual training session
- Analyze pre and post module test data
- design interview questions for future participants of the training session
- Present evaluation of program participant outcomes and make recommendations for interview questions to project stakeholders

### PDSA Cycle (See Figure 2)

#### Plan

- Complete *Tri-State Nurses on Boards Training*
- Receive pre and post-module test data from stakeholders

#### Do

- Review pre and post module data
- Calculate descriptive statistics using Excel
- Design interview questions

#### Study

- Determine strengths and opportunities for improvement of program
- Prepare report for stakeholders

#### Act

- Present evaluation of program participant outcomes and interview questions to stakeholders in a written report and presentation

## Results

- 13 out of 23 participants completed both the pre and post-module tests (See Figure 1)
- The mean score on the pre-module test was 82, with a standard deviation of 8.3, while the mean score on the post-module test was 84.6, with a standard deviation of 11.6
  - The results indicate that, on average, participants scored slightly higher on the post-module test than on the pre-module test
  - The increase in the mean score from pre to post-module phase (by 2.6 points) suggests that the module may have had a positive impact on participants' knowledge and performance
  - Overall, further analysis via interview questions is needed to determine whether the differences in the mean scores and standard deviations are statistically significant

### Participant Interview Questions

- What did you find most useful or interesting in the two-day live virtual training session?
- Please share one or more examples of how you plan to apply what you learned in your community, professional or academic setting?
- An online format had to be used due to COVID-19, and the course will continue to be available online for students and others. What did you find effective about this format and what changes would you suggest?
- Are you currently serving on a health-promoting board? If so, how has the training informed your participation?
- Did the course change the way you think about and approach health? If so, please describe.

## Implications for Practice

Results show the *Tri-State Nurses on Boards Training* appears to have had a positive impact on participants' knowledge and performance, as indicated by the increase in the mean score from pre to post-module phase.

### Strengths

- Similar training modules could be effective in improving knowledge
- The virtual format of the training session may have made it accessible to a wider range of participants
- Nurse leaders gained knowledge to serve on health promoting boards

### Limitations

- Only 13 out of 23 participants completed both tests

### Future Studies

- Could consider ways to improve participant engagement and retention
- Further analysis through interview questions could help to better understand the impact of the *Tri-State Nurses on Boards Training*

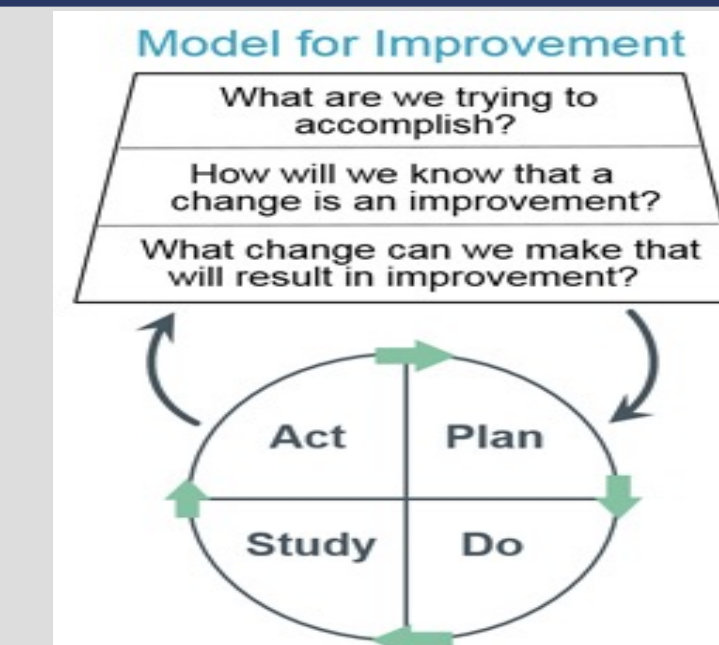


Figure 2  
PDSA Cycle

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