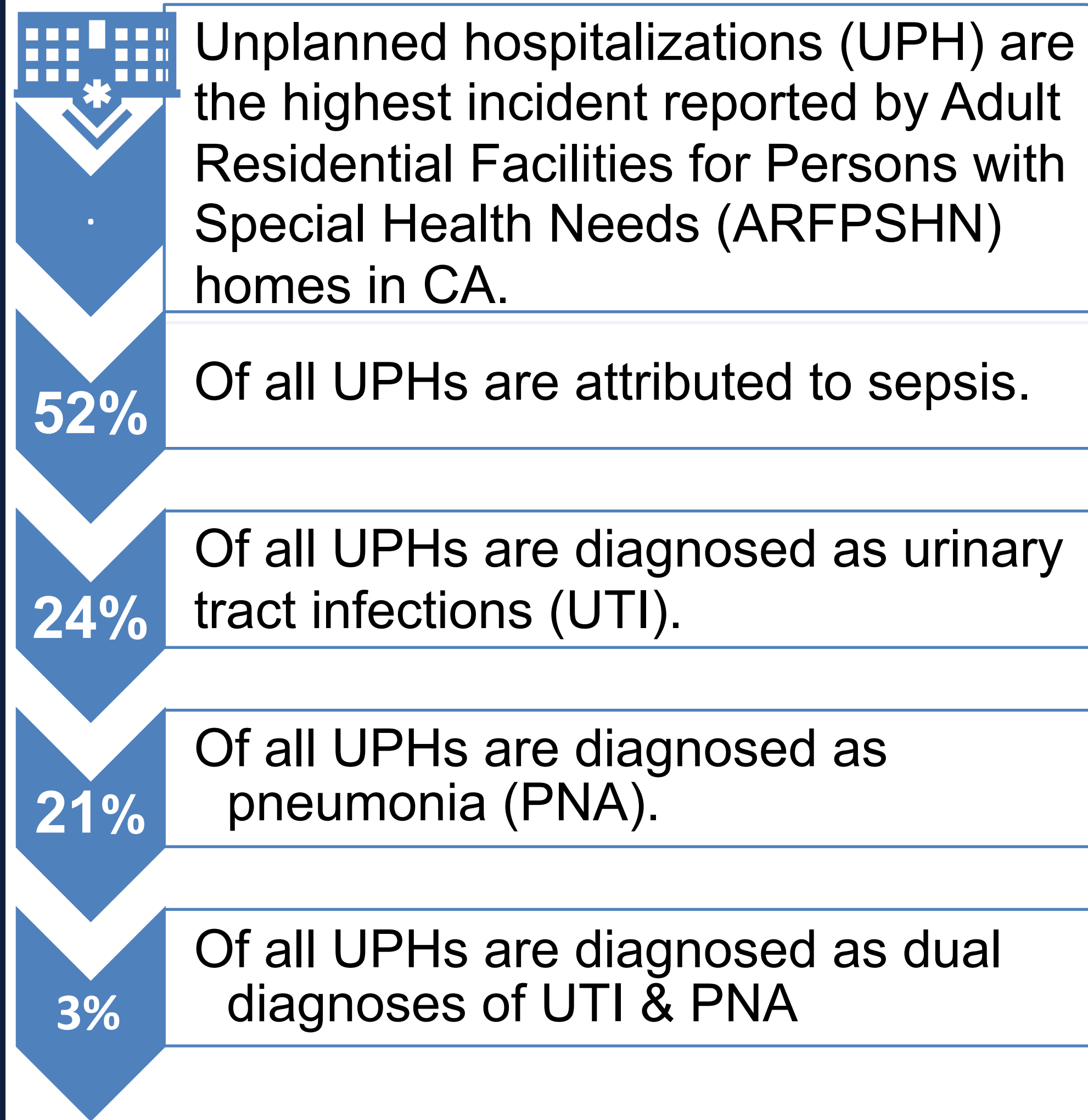


# Early Sepsis Identification Measures in Long-Term Care

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## Background



## Problem Statement

- Individuals with intellectual and developmental disabilities (IDD) are at higher risk of developing sepsis.
- Lack of sepsis identification tool in ARFPSHN homes delays the prompt identification and timely implementation of treatment.

## Purpose Statement

To implement early sepsis-identification measures in the ARFPSHN homes.

- Decrease potentially avoidable hospitalization (PAH) rates
- Decrease emergency visits without hospitalization (EDV) rates.

## Methods

### INTERACT Measures Training

- Onsite training for ARFPSHN homes healthcare workers (HCW)
- Simulation Scenario for Stop And Watch Early Warning Tool-4.5
- Simulation scenario SBAR Communication tool-4.5 for licensed professionals



### Data Collection

- PAH: Pre-intervention 25 data points & Post-intervention 8 data points
- EDV: Pre-intervention 5 data points & Post-intervention 2 data points
- Post-intervention measures implementation
- Office of Quality Assurance and Risk Management reportable incident rates for PAH & EDV

### Data Extraction and Analysis

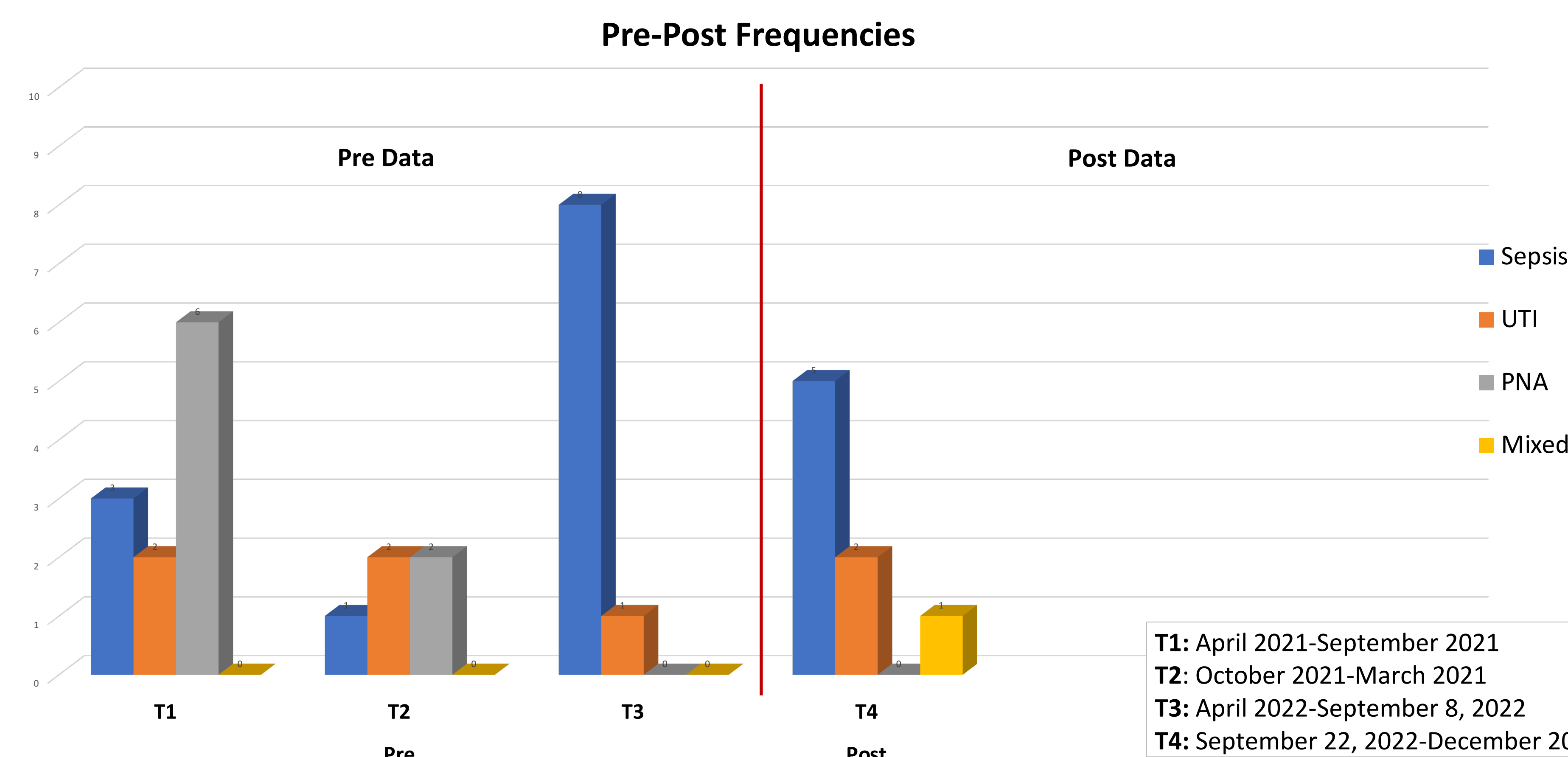
- Special Incident Reports (SIRs) Analysis
- Hospital Admission & Emergency records International Classification Disease-10 (ICD-10) codes
- Case-by-case analysis review for PAH, EDV, & changes in condition.
- Stop & Watch Early Warning & SBAR tool implementation evaluation for completion and applicability

## Results

Implementation of Interventions to Reduce Acute Care Transfers (INTERACT) Stop And Watch Early Warning Tool & SBAR Communication Tool



**Improved identification of subtle changes in condition**  
**Effective communication among healthcare workers**  
**Enhanced care planning for changes in condition**



## Sample and Setting

**Sample:** Unlicensed and licensed HCWs in ARFPSHN homes

- Registered Nurses
- Licensed Vocational Nurses
- Psychiatrist Technician
- Direct Support Professionals (DPS)

**Setting:** Three Adult Residential Facilities for Persons with Special Health Needs (ARFPSHN) in Southern California for a non-profit organization

## Limitations

- Measures implementation compliance
- Limited implementation time
- Limited sample size
- Barriers to onsite training and follow-up/reinforcement
  - COVID-19 exposure, active infections, and outbreaks.

## Recommendations

- Ongoing education and consistent monitoring to improve compliance
- Organization's support to prevent disengagement

## References

