



Increasing Flu Vaccination Rates in Children 6 to 66 Months

Paula Doll, RN Cincinnati Health Department



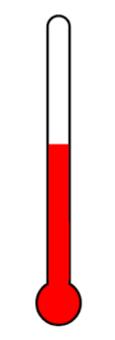


BACKGROUND





About 20,000 children under the age of 5 are **HOSPITALIZED** each year in the U.S. for influenza-related complications.



Approximately **30%** of children age 6 to 66 months from Millvale Health Center **DID NOT** receive flu vaccination in the 2017 to 2018 flu season.



Improvement of flu vaccination rates will help **PROTECT** these high risk children from the potential life-threatening complications of influenza.

Increasing Flu Vaccination Rates in Children 6-66 months

Project Leader(s): Paula Doll Revision Date: 02/11/2019 (v#2)



Global Aim

To keep children healthy and thriving

SMART Aim

We will increase the number of patients who receive the yearly flu vaccination from 76% to 90% by May 1, 2019

Population

Millvale Health Center patients age 6-66 months

Key Drivers

Knowledgeable and Engaged staff

Informed and Engaged parents/caregivers

Clear and Effective communication amongst team

Vaccine availability

Understanding of staff bias

Preoccupation with failure

Adopted: Staff education with talking point materials (LOR 1)

Interventions (LOR #)

Adopted: Targeted education materials for parent/caregiver education put in waiting area and patient rooms (LOR 1)

Remind "floaters" to check need for flu vaccine and make recommendation if needed (LOR1)

Adopted: Monitor vaccine supply weekly (LOR1)

RN/MA will verbally advise Provider and/or note in chart whether or not parent agrees to flu vaccination (LOR1)

Real time identification/investigation of failures(LOR1)

Flu card Hand off to provider for decliners

Collection of "Reason for Declining" Data

Collection of provider specific failure modes

LEARNING CYCLES

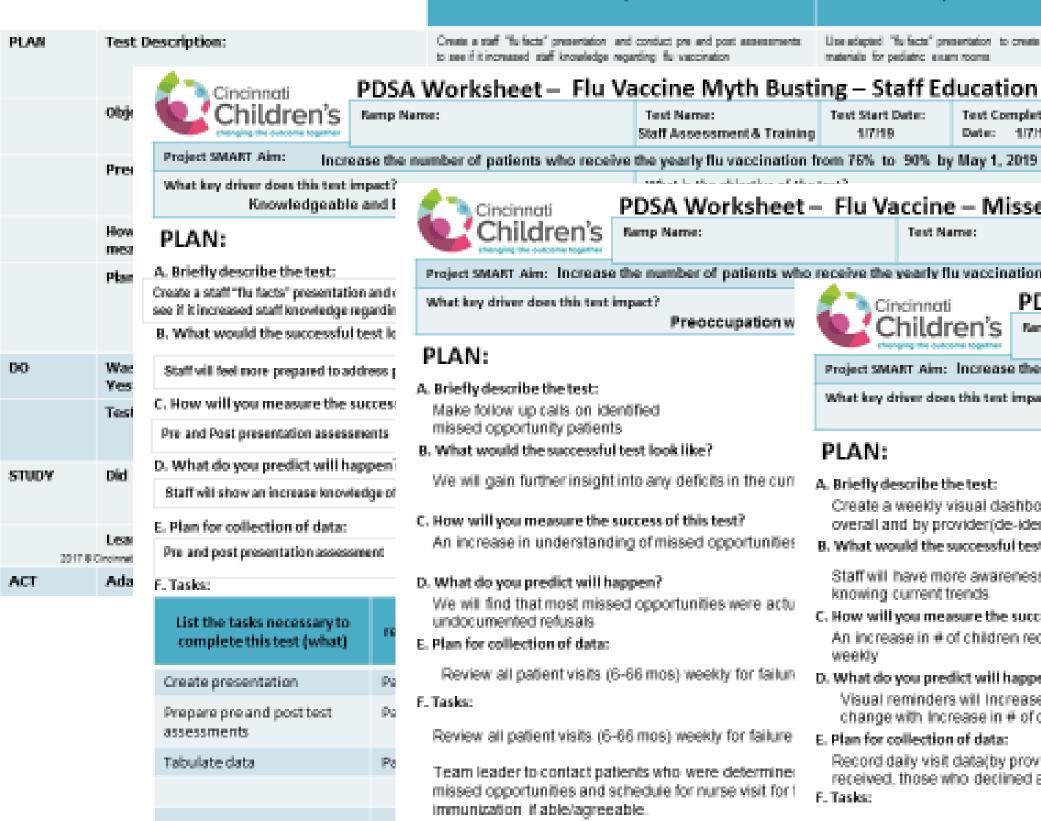






Pre-occupation w

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PDSA Worksheet – Flu Vaccine Myth Busting – Staff Education Date: 1/7/19 Staff Assessment & Training number of patients who receive the yearly flu vaccination from 76% to 90% by May 1, 2019 PDSA Worksheet – Flu Vaccine – Missed Opportunities Cincinnati Children's Test Start Date: Test Complete Project SMART Aim: Increase the number of patients who receive the yearly flu vaccination from 76% to 90% by May 1, 2019

PDSA's focused on education, visual management, real time feedback.

PDSA Worksheet – Flu Vaccine– Visual Dashboard Cincinnati Children's Test Start Date: Test Complete Dete: 4/6/19 3/4/19 Project SMART Aim: Increase the number of patients who receive the yearly flu vaccination from 76% to 90% by May 1, 2019 What is the objective of the test? What key driver does this test impact? Preoccupation with failure Continued focus on increasing rates of flu vaccination

PLAN:

A. Briefly describe the test:

Create a weekly visual dashboard of flu vaccination rates overall and by provider(de-identified) for staff.

B. What would the successful test look like?

Staff will have more awareness and engagement by knowing current trends

C. How will you measure the success of this test?

An increase in # of children receiving the flu vaccine:

D. What do you predict will happen?

Visual reminders will increase staff engagement and motivation for change with Increase in # of children receiving the flu vaccine weekly.

E. Plan for collection of data:

Record daily visit data(by provider) on pt's eligible, those who received, those who declined and missed opportunities

 Record daily visit data on pt's eligible, those who. received, those who declined and missed opportunities Compile weekly data

- 3) Present and discuss data every Monday am during
- 4) Display weekly data charts and up to date run chart in hallway near Ped offices

DO: Test the changes.

Was the cycle carried out as planned?

Record data and observations.

What did you observe that was not part of the plan?

STUDY:

Did the results match your predictions?

Compare the result of your test to your previous performance:

What did you learn?

Visual reminders were helpful in keeping staff motivated Missed apportunities increased once Spring arrived Staff were hesitant to order more vaccine late in the season for fear of wasting

ACT: Decide to Adapt, Adopt or Abandon (shade one box).

Adapt. Improve the change and continue testing the plan. Plan/changes for next test:

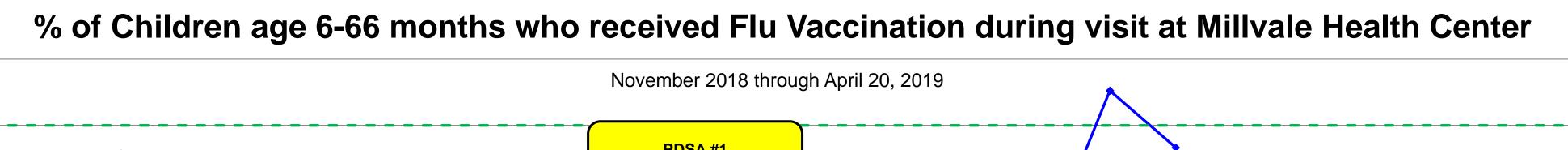
develop an implementation plan and plan for sustainability.

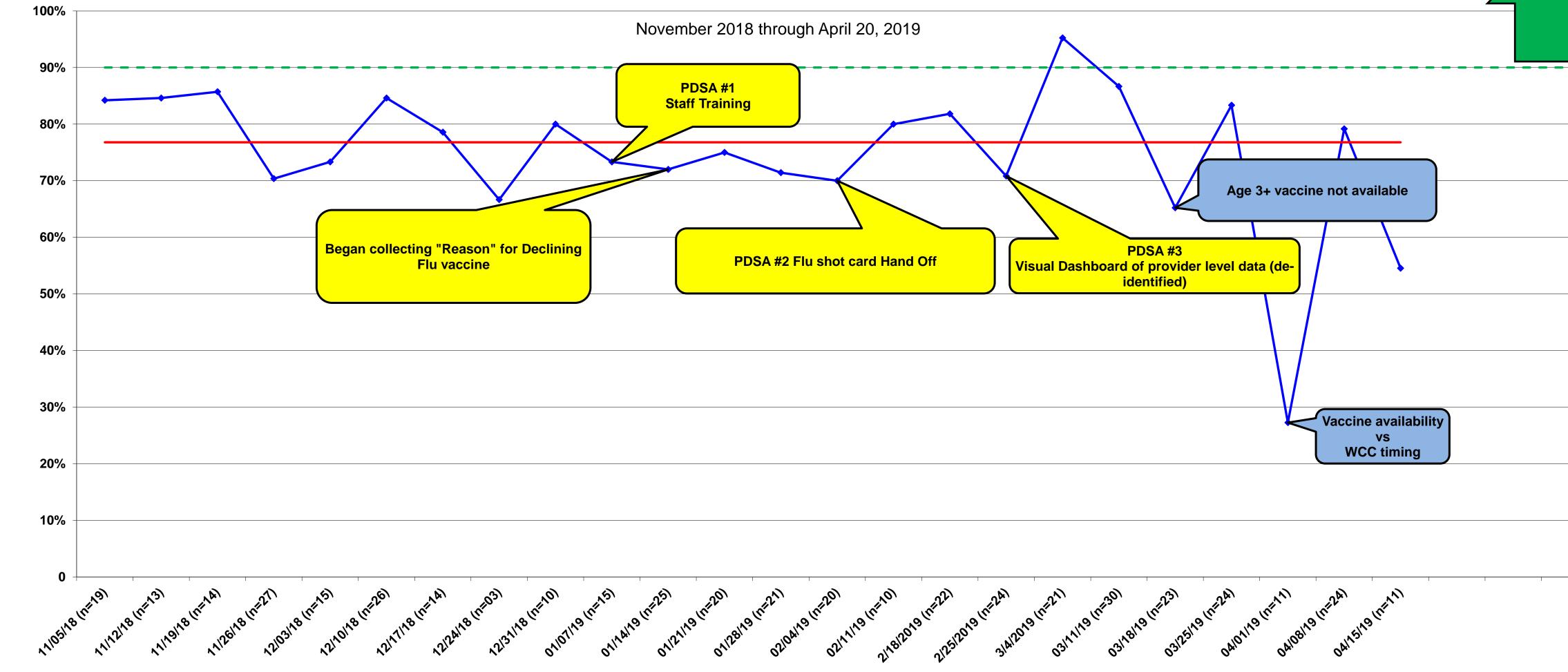
Abandon. Discard this change idea and try a different one.

Adopt. Select changes to implement on a larger scale and



RESULTS





Week

MOST PROUD OF



- My team being quality-driven and mindful of the patients and the team
- Gaining a better understanding of the multiple challenges/opportunities to facilitate increased vaccination rates

GREATEST CHALLENGE



- Seasonal nature of the flu vaccine a. "Out of the Ordinary"
 - b. Missed Opportunities

- Vaccine hesitant and Anti-Vaxxers
 - a. Targeted education
 - b. Trust relationship



TEAM MEMBERS

Paula Doll, RN (Paula.Doll@Cincinnati-oh.gov)

- Hazel Kanu, MD Pediatrician
- Michelle Daniels, RN Health Center Manager
- Janicyn Dunbar, RN, PHN3, Millvale Team Leader
- Kimberly Leary, RN, PHN2
- Keysha Britton, MA

