

Maternal Influenza Vaccination: Use of a Provider Vaccine Prompt

Amy Filmore Nassar CNP, APRN, Family, CNE
Frontier Nursing University
August 9, 2019

Introduction

- Influenza
 - Morbidity and mortality
 - Healthy People 2020 and CDC vaccine goal
 - Vaccine acceptance rates: 46% United States (US) (CDC, 2015a)
- Pregnancy and influenza
 - Morbidity and mortality
 - Vaccine recommendations by WHO, ACIP, ACOG, ACNM
 - Vaccine acceptance rates: 35% US (Ding et al., 2015)
- Influenza vaccination
 - Benefits to pregnant women, newborns, children
 - Safety
 - Efficacy

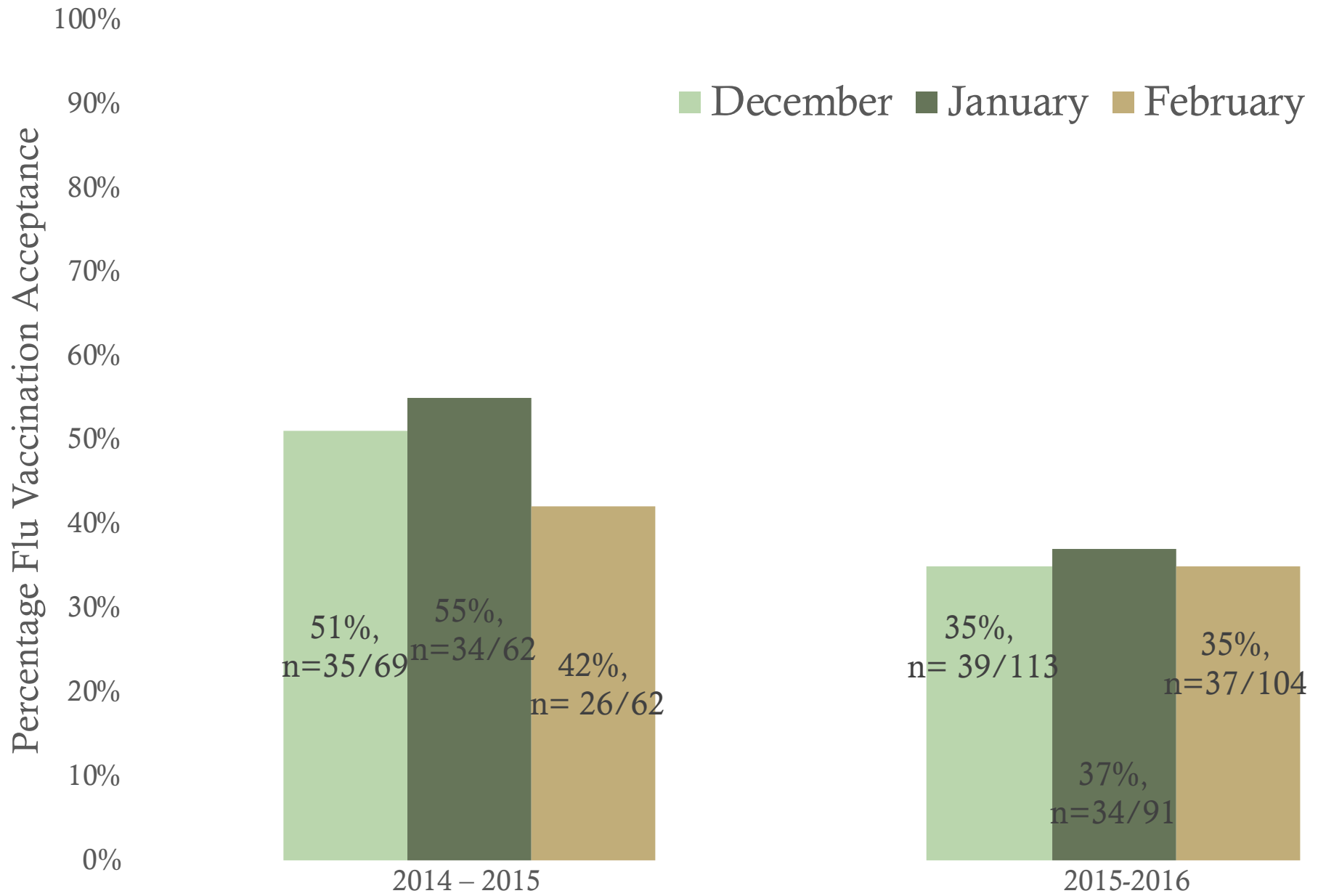
Purpose

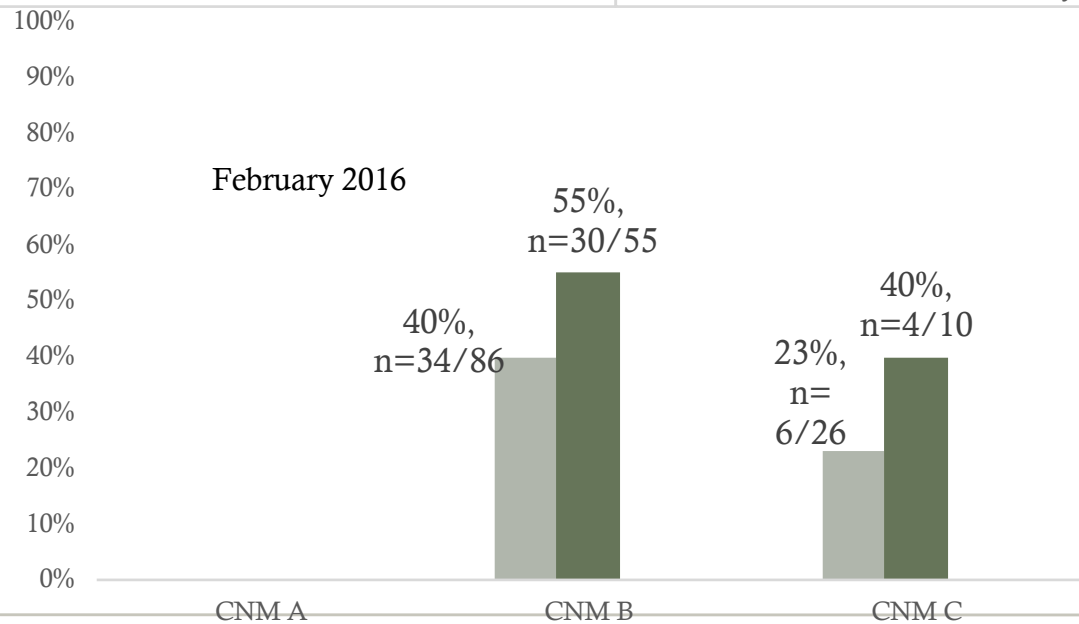
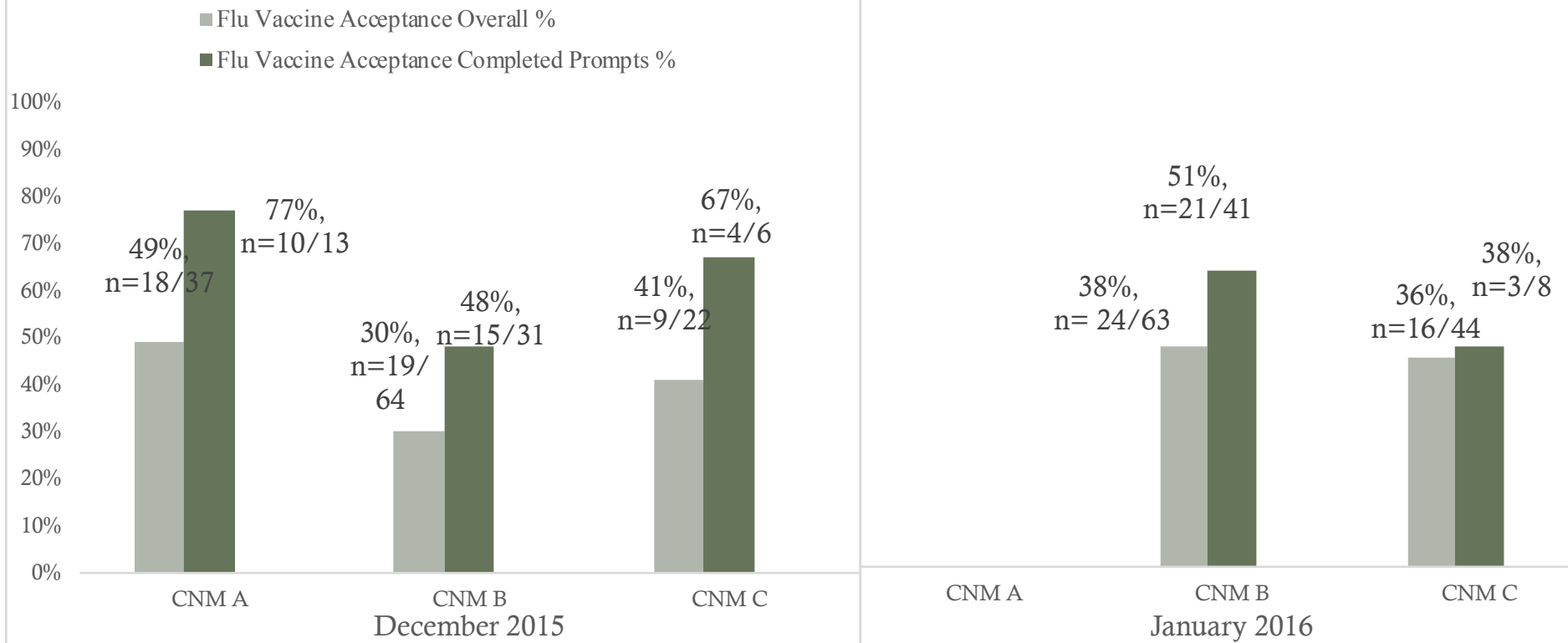
To implement a pilot quality improvement intervention to determine if use of an influenza provider vaccine prompt by Certified Nurse-Midwives and medical assistants will improve maternal influenza vaccination rates to 41%.

Project Design: Implementation

December 1, 2015 – February 29, 2016

- Meet with COHFHBC Certified Nurse-Midwives December 1, 2015
 - Inform as to purpose, Explain process, Discuss workflow
- Distribute Provider Vaccine Prompts Daily
 - Previously Completed Provider Vaccine Prompt
 - Declined Vaccine on Provider Vaccine Prompt
 - Maybe on Provider Vaccine Prompt
- Collect provider prompts daily
 - Follow up meetings
- Extract data
 - Analyze and disseminate results





Influenza Vaccine Acceptance in Patients who Completed Provider Vaccine Prompt vs. Patients who Did Not Complete Provider Vaccine Prompt

	Accepted Flu Vaccine	Did Not Accept Flu Vaccine
Completed Provider Vaccine Prompt (n=107)	54 (50%)	53 (50%)
Provider Vaccine Prompt Not Completed (n=55)	5 (9%)	50 (91%)

Word Cloud: Reasons for Influenza Vaccination Refusal

doesn't vaccinate deferred until later - sick with URI today doesn't do flu vaccines ever
thinks will make self sick doesn't want dislikes vaccines read up on it and regardless of counseling does not think it is safe will do later
does not trust flu shots will do over spring break in March never takes it and don't want it
doesn't like needles

declines

References

Center for Disease Control and Prevention. (2015a). *National early season flu vaccination coverage, United States, November 2014*. Retrieved from <http://www.cdc.gov/flu/fluview/nifs-estimates-nov2014.htm>

Ding, H., Black, C. L., Ball, S., Donahue, S., Fink, R. V., Williams, W. W., . . . Greby, S. M. (2015). Influenza vaccination coverage among pregnant women - United States, 2014-15 influenza season. *MMWR.Morbidity and Mortality Weekly Report*, 64(36), 1000-1005. doi:10.3201/mmwr.mm6436a