



Improving Pneumococcal and Influenza Immunization Rates of Senior Populations in McDowell County, WV

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INTRODUCTION

McDowell County, WV is often cited as the unhealthiest county in the nation.

Poverty and geographical isolation contribute to this area being medically underserved.

PROJECT GOALS

Primary Metric

Increase rates of senior immunizations by 25%

Goal 1

Improve access to immunizations

Goal 2

Improve pre-existing medical record infrastructure

KEY PROGRAM COMPONENTS

- Community outreach
- Provider education
- Improved documentation

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METHODS

Vaccination record

Developed means for facility to track vaccines from other providers or community source

“Huddle” sheet

Implementation of a daily review of patients in need of vaccine and a system to remind providers of vaccine eligible seniors

Myth busting

Giving providers means to counteract common reasons for declining vaccinations



L – R: Andrew Prusak, MS-4; Sarah Sexton, MD; Tuggy Bear; Diane Alcorn, RN

RESULTS

Influenza Vaccine Information

Seniors (age 65+)	Sep '15 – Mar '16	Sep '16 – Mar '17
Influenza Vaccination Rate (%)	35.65%	45.32%
Numerator/Denominator	261/732	359/744

Pneumococcal Vaccine Information

Seniors (age 65+)	Apr '15 – Mar '16	Apr '16 – Mar '17
PPSV23 Pneumococcal Vaccine Rate (%)	6.50%	10.23%
PPSV23 Numerator/Denominator	53/816	84/821
PCV 13 Pneumococcal Vaccine Rate (%)	1.83%	3.65%
PCV 13 Numerator/Denominator	15/816	30/821

KEY OUTCOMES

- Expanded documentation of vaccinations in targeted population
- Improved provider education
- Increased resident and medical student awareness of importance of provider’s role in patient’s receiving immunizations
- Recognition of rural population’s lack of receptiveness to outside Interventions