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## **Improving Pneumococcal Immunization Rates: Replicating A Successful Model**

*A Collaboration of the New Jersey AFP and the Physicians' Institute Supported by Pfizer*

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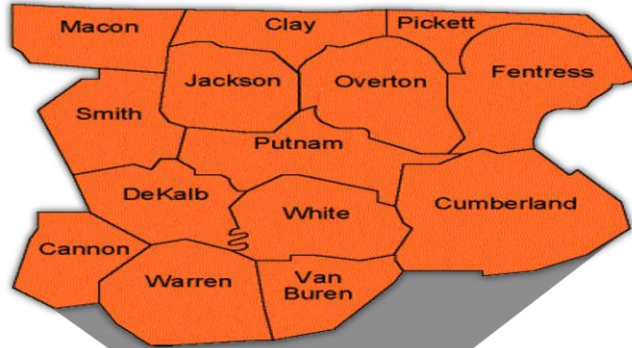
Presented: 6.22.17

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# Project Description:

## 10 Participating Sites / Population Statistics



Goal: Partner with facilities in Tennessee to improve pneumococcal immunization rates by 5 percent

Practices Participation Responsibilities:

- ▶ Attend three half-day learning sessions on strategically improving pneumococcal vaccination rates
- ▶ Work together with our team to create and implement a quality improvement plan designed around increasing vaccination rates in the community

Benefits of Participation

- ▶ Receive a small stipend for participation in the collaborative
- ▶ Earn education credits for participating in the learning session

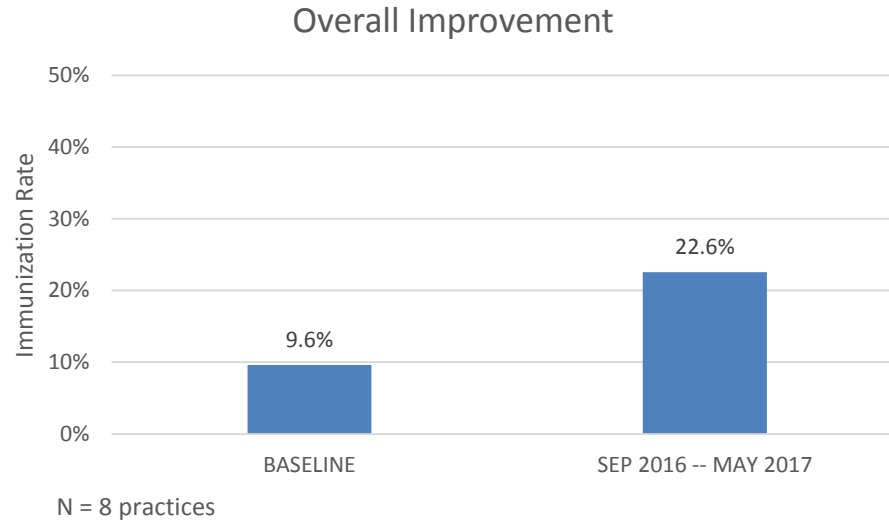
### Population Stats

Adults | Total: 30,403

19-64 | Total: 22,691 (74.6%)

65+ | Total: 7,712 (25.4%)

# Outcomes Overall Improvement



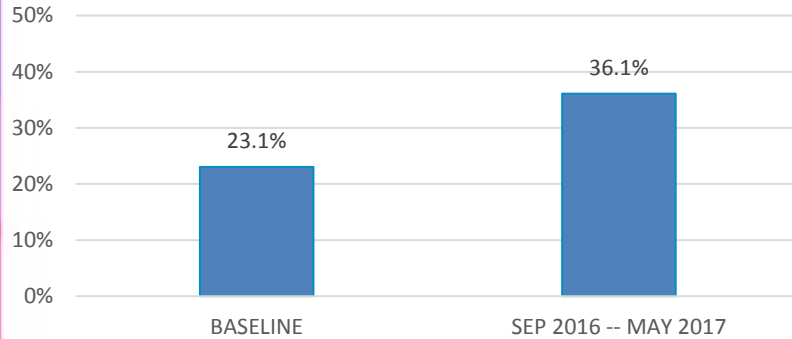
Period	N	DEN	NUM	Overall Rate	N	DEN	NUM	Overall Rate
BASELINE	N=10	31271	3924	12.5%	N=8	24281	2336	9.6%
Follow-UP	N=8	35202	7942	22.6%	N=8	35202	7942	22.6%

Note: Of the 10 participating practices only 8 were able to submit data in the September to May time frame. The outcome charts reflect data from the 8 practices submitting data for both baseline and throughout the study.



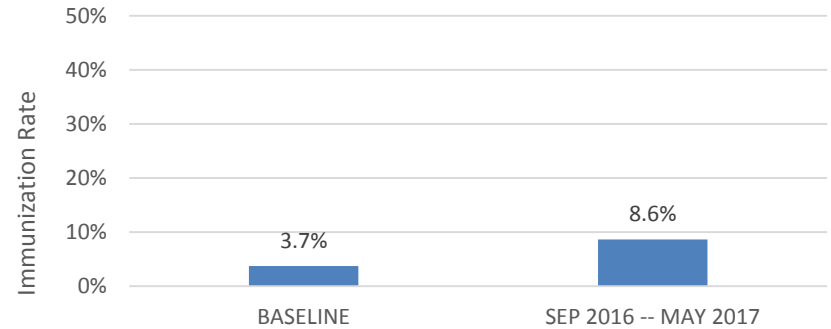
# Outcomes By Age Group

Improvement Age 65+



N = 8 practices

Improvement Ages 19-64



N = 8 practices

N	DEN	NUM	RateAge65+	N	DEN	NUM	RateAge65+
N=10	9203	2846	30.9%	N=8	7398	1706	23.1%
N=8	17859	6445	36.1%	N=8	17859	6445	36.1%

N	DEN	NUM	Ages19-64	N	DEN	NUM	Ages19-64
N=10	22068	1078	4.9%	N=8	16883	630	3.7%
N=8	17343	1497	8.6%	N=8	17343	1497	8.6%

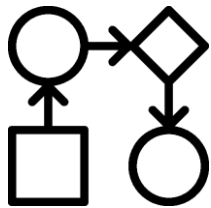


# Lessons Learned

## Successes



- ▶ Creating awareness among clinicians and staff for the need for pneumococcal immunization through education increases the immunization rates among both 19-64 and 65+ age groups.



- ▶ Practices put workflows in place for 19-64 year old high risk patients to identify those needing a pneumococcal vaccine.



- ▶ Standing orders works to improve practice efficiency and improve patient care.