



QUALITY IMPROVEMENT & ACCOUNTABILITY IN ACTION

INCREASE UPTAKE OF ADOLESCENT IMMUNIZATIONS

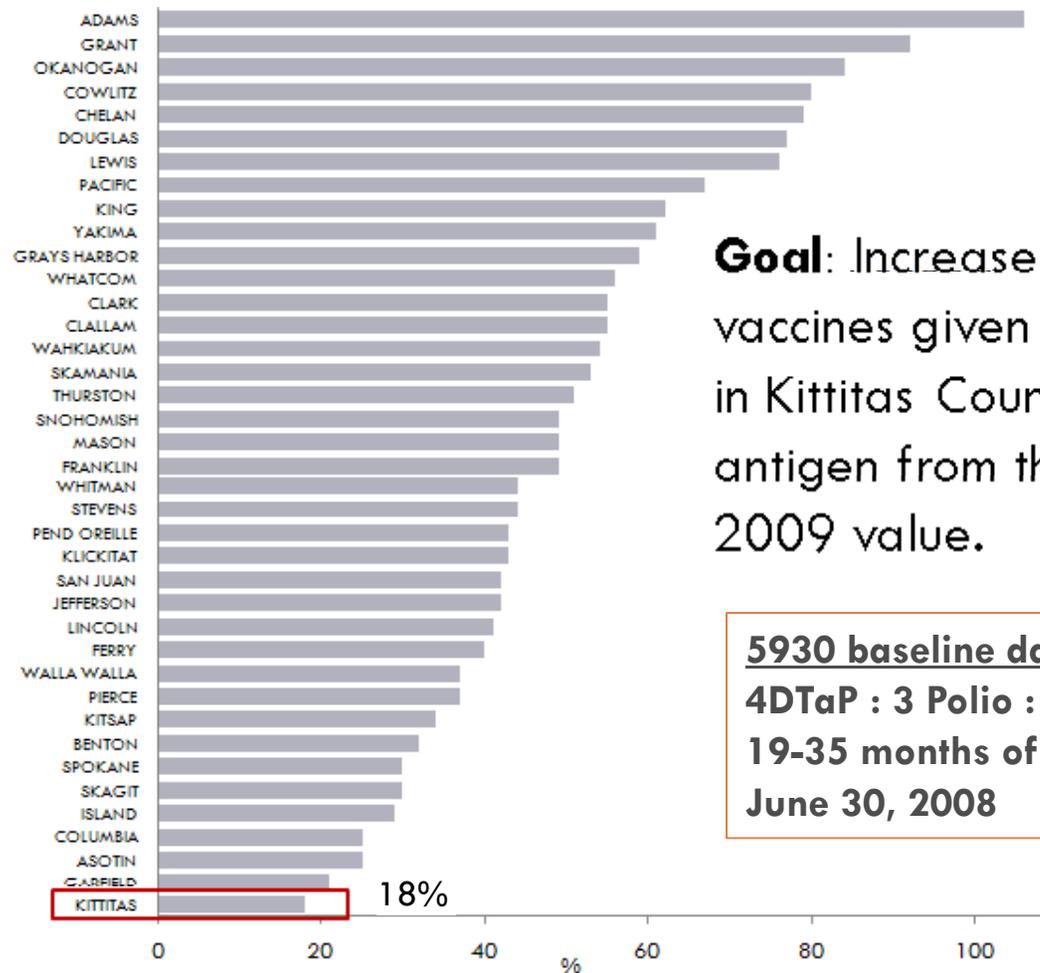
Kittitas County Public Health (population 40,500)

TEAM MEMBERS

- Amy Diaz - Assessment Coordinator, Year One Project Lead
- Linda Navarre - Community Health Services Supervisor, Year Two Project Lead
- Candi Blackford - Administrative Support
- Erin Moore - Administrative Support
- Cathy Bambrick - Administrator
- Dr. Mark Larson - Health Officer



PROJECT DESCRIPTION



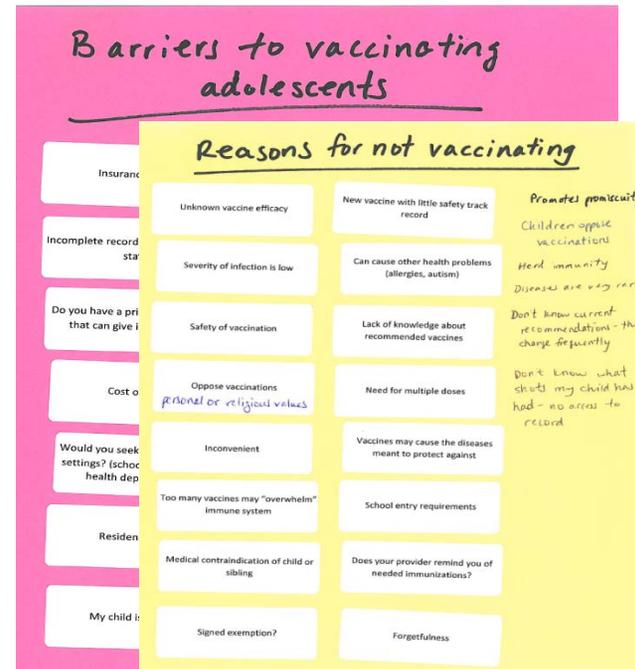
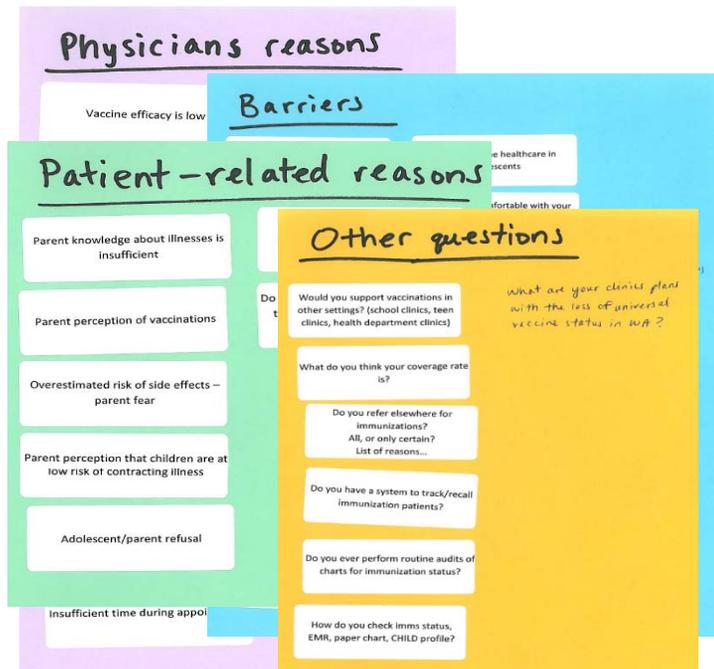
Goal: Increase the uptake of recommended vaccines given to adolescents age 13 – 18 in Kittitas County in 2010 by 10% per antigen from the corresponding monthly 2009 value.

5930 baseline data from Child Profile
4DTaP : 3 Polio : 1 MMR series
19-35 months of age
June 30, 2008

MOST SUCCESSFUL TOOLS

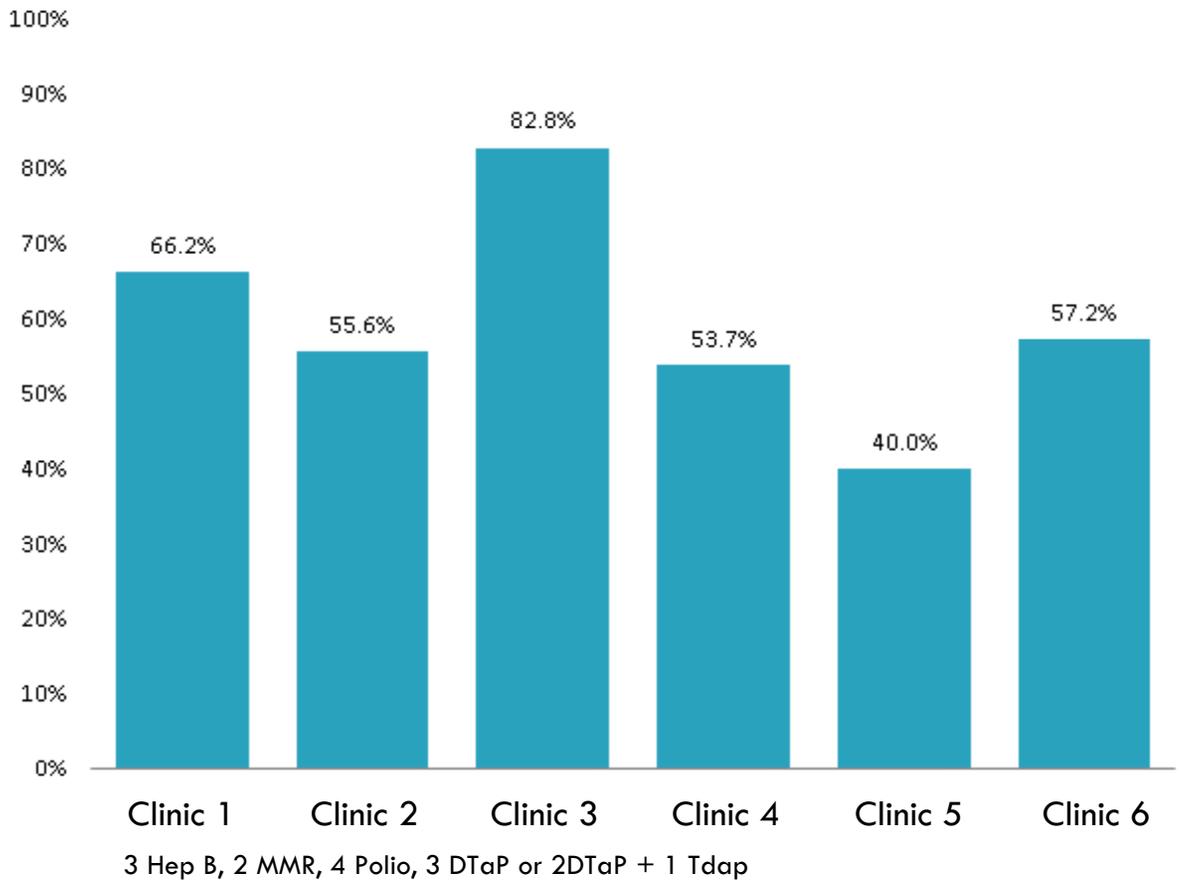
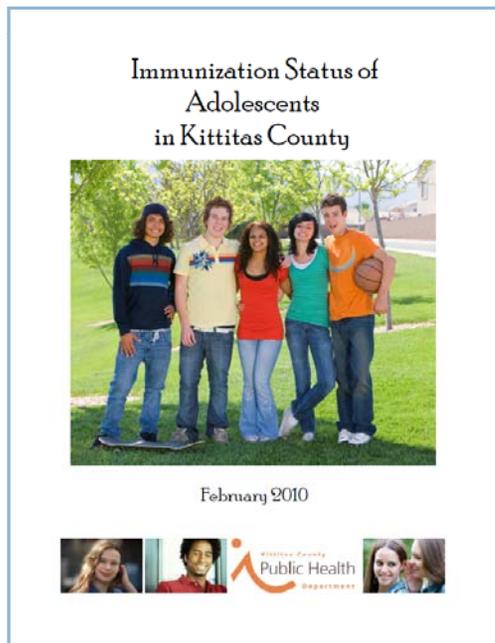
Top three QI tools used

- RCI planning for chart review visits
- Affinity diagram for creating surveys
- Surveying stakeholders (parents, providers)



MOST SUCCESSFUL INTERVENTIONS

- Presentation of clinic-specific rates to providers



MOST SUCCESSFUL INTERVENTIONS

□ Clinic adoption of adolescent immunization policies

All Health Care Providers

Do you have standing immunization orders at your facility?

Yes	46.2%
No	35.9%
Unsure	17.9%

Does your facility have an established policy or protocol for adolescent immunizations?

Yes	73.7%
No	15.8%
Unsure	10.5%

Immunization Coordinators

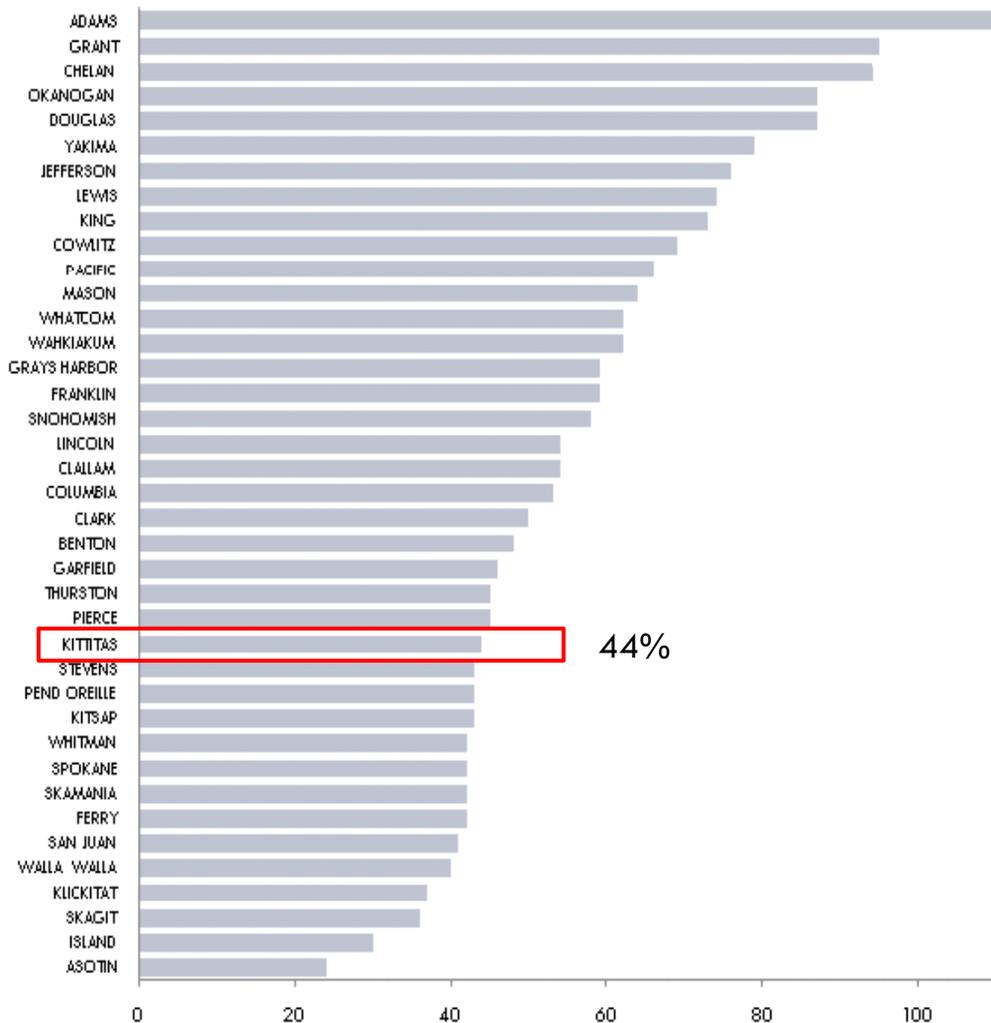
Do you have standing immunization orders at your facility?

No	100%
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Does your facility have an established policy or protocol for adolescent immunizations?

No	100%
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RESULTS



Increase in vaccines administered

DTaP	↑	32%
Hep A	↓	-17%
Hep B	→	-5%
Hib	↑	15%
HPV	↑	121%
Flu	↓	-43%
IPV	↑	33%
MCV4	→	-6%
MMR	↓	-15%
PCV7	↑	22%
Rota	↑	38%
Tdap	↓	-29%
Varicella	→	-6%

Compares all children January – September 2009 to January – September 2010.

LESSONS LEARNED



- Providers need data to be well informed
- Until school requirements meet ACIP recommendations, adolescents will be a challenge
- Alternative sources for vaccination are needed

NEXT STEPS



- Communicate vaccination trends to providers every six months
- Continue with parent/teen education campaign