Improve Immunization Rates

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SHIP Immunization Targets

How will we know we are making a difference?
SHIP Immunization Targets

• Rate of 2-year-olds who are fully vaccinated

• HPV vaccination series rate among 13 to 17-year-olds

• Seasonal flu vaccination rate in people ≥ 6 months of age

2-year-olds Fully Vaccinated

Fully vaccinated: 4 Dtap, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella, 4 PCV
2-year-old Fully Vaccinated Dose Schedule

4 Dtap
3 Polio
1 MMR
3 Hib
3 Hep B
1 Varicella
4 PCV

Flu vaccination ≥ 6 months of age
HPV series among 13-to 17-year-olds

SHIP Immunization Strategies
SHIP Interventions

• Population
• Health Equity
• Health Systems

Population Intervention

Strategy: Increase the percentage of adolescents who complete the HPV vaccine series.
Measures

Increase the percent of HPV vaccines administered by pharmacists to 11-17 year olds

Increase the number of HPV vaccines administered by SBHC’s
Best Practices

Framing the conversation
- Your child needs three shots today: HPV vaccine, meningococcal vaccine and Tdap vaccine.
- HPV vaccine is very important because it prevents cancer.

Stay on schedule
- Schedule appointments before they leave the office
- Practice reminder/recall for the 2nd and 3rd doses

Best Practices

Provide walk-in or immunization only visits

Immunize at sports physicals
Health System Intervention

Health System Intervention: 2 year old

Strategy: Incentives for private and public health plans and health care providers to increase immunization rates
Measures

Number of public health plans that receive an incentive or shared savings payment for increasing immunization rates

Number of public health plans that incorporate increasing immunization rates in alternative payment methodologies for contracted providers

Health System Intervention: 2 year old

Strategy: Promote strategies to health care providers to increase delivery of on-time immunizations
Measures

Number of statewide reminder recalls for 2-year-olds conducted over five years.

Percentage of enrolled and eligible Vaccine for Children (VFC) providers receiving CDC-defined AFIX quality improvement services.
Strategies for Improving Childhood Immunization Rates

Use data to identify reasons for low immunization rates

- Routinely monitor
- Share information
- Assess root causes

Strategies for Improving Childhood Immunization Rates

Identify and Eliminate Barriers to Access

- Standing orders
- Immunization only appointments
- Walk-in/extended clinic hours
Strategies for Improving Childhood Immunization Rates

Reduced missed opportunities and recall patients who are behind on vaccines

- Check immunization records at EVERY encounter
- Recall patients
- Provide all vaccines

Strategies for Improving Childhood Immunization Rates

Increase knowledge and awareness about immunizations in clinics and for families

- Select an immunization champion
- Build a culture of immunization
- Make training opportunities available for staff
Strategies for Improving Childhood Immunization Rates

Increase demand for immunizations

- Convene and engage
- Partner with non-medical organizations

Flu Vaccination
Population Intervention: Flu

Strategy: Increase the percentage of adults who receive annual influenza vaccine

Measures

Percentage of flu vaccinations administered by pharmacists
Health Equity: Flu

Strategy: Increase flu vaccinations in southern rural and frontier counties with rates below the Oregon average.

EQUALITY  EQUITY
Measures

Seasonal influenza vaccinations in southern rural and frontier counties
Oregon 2015-16 ALERT IIS All-Age Influenza Immunization Rate

Health Equity: Flu

Strategy: Increase the percentage of influenza vaccinations given to men > 19 years of age.
Oregon 2015-16 Adult Age 19 to 64 Influenza Immunization by Gender

Female: 39.9%
Male: 60.1%

Health System Intervention: Flu

Strategy: Increase flu vaccination rates among health care workers
Measures

Seasonal flu vaccination rate for health care workers in long-term care facilities.

Seasonal flu vaccination rate for health care workers in hospital settings.

Seasonal flu vaccination rate for health care workers in ambulatory surgical centers.

Top 3 Strategies for Hospitals

Masking requirements for non-vaccinators.

Incentives.

Coordinate with other programs to deliver vaccinations.
Top 3 Strategies for Skilled Nursing Facilities

Mobile carts
Declinations forms
Occupational health

Discussion

INNOVATION
SUCCESS
EVALUATION
DEVELOPMENT
GROWTH
SOLUTION
PROGRESS
MARKETING
1. Is your organization actively doing one or more of the immunization SHIP strategies?

What activities are you currently doing?

2. If your organization is not currently doing a SHIP strategy, what strategy might you be interested in implementing?

Resources

Assessment Feedback and Incentive eXchange (AFIX) Resources
https://public.health.oregon.gov/PreventionWellness/VaccinesImmunization/ImmunizationProviderResources/Pages/AFIXResource.aspx

State Health Improvement Plan (SHIP)
https://public.health.oregon.gov/About/Pages/HealthImprovement.aspx

Healthcare-Associated Infections in Oregon

The Community Guide: The Guide to Community and Preventive Services
http://www.thecommunityguide.org/

Prevalence of HPV After Introduction of the Vaccination Program in the US
http://pediatrics.aappublications.org/content/early/2016/02/19/peds.2015-1968

Evidence-based Strategies for Improving Childhood Immunization Rates: A Guide for CCOs