



Program Effectiveness
Office of Immunization and Child Profile

Presentation Outline

- Program Effectiveness
 - Overview
 - Progress
 - Request for feedback/discussion

CDC definition of program effectiveness:

- High vaccination coverage in:
 - Overall population
 - Within population subgroups
- Demonstrated by:
 - Improved & sustained vaccination rates
 - Reduced vaccination disparities

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Grant Requirements of B1 & B2

- B1: Identify geographic area(s) or population subgroup(s) with low vaccination coverage
- B2: Perform activities to improve coverage rates within the subgroup(s)

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B1/B2 Grant Activities: Workgroup

- Cross office representation from various work areas
- Identified 31 population subgroups known or suspected to be under immunized

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Workgroup Activities

- Estimated size of the subgroups & source of the size estimates
- Data sources for immunization coverage for the subgroups
- Current or recent programmatic activities conducted to contribute to improved coverage rates

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Preliminary Review

- Preliminary evaluation of each of the following categories:
 - Size of population subgroup
 - Availability of immunization data
 - Current priorities
 - Outbreak risk
 - Recent programmatic activities
 - Ability to access the subgroup
 - Health disparities in the subgroup

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Notes on Preliminary Review

- Where specific antigens are not mentioned, all age-appropriate recommended vaccines will be evaluated
- Measles vaccine was not included as a stand-alone category
- Waldorf schools as a risk group to be added was suggested by VaxNW
- In the past, children of migrant workers in WA were highly vaccinated but unsure if this is still the case

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Preliminary Subgroup Review

- High Out Of Compliance (OOC) schools
- Children 6 months-19 years – *influenza*
- WIC clients
- Uninsured and under-insured children
- American Indians and Native Alaskans in WA
- People using drugs
- Ukrainian speaking population
- People experiencing homelessness - *HepB, HepA & influenza*
- Russian speaking population
- Men who have sex with men (MSM) - *HepA, HepB & HPV*

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Preliminary Subgroup Review (cont.):

- 4th DTaP in 19-35 month olds (increase to include all recommended vaccines)
- Pregnant women - *Tdap & influenza*
- Incarcerated persons - *HepB, HepA & influenza*
- Adolescents at 13 years – *HPV*
- Somali population in WA
- Medically underserved areas
- Long Term Care Facility patients – *influenza*
- Non-White Non Hispanic adults in WA – *influenza*
- Immigration detainees
- HIV+ - *HepB, HepA & HPV*

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- Preliminary Subgroup Review (cont.):
- Foster children
 - Smokers – *influenza*
 - Healthcare professionals -*Tdap & Influenza*
 - Diabetics- *influenza*
 - Long Term Care Facility staff - *HepB & influenza*
 - Juveniles in detention
 - School staff - *influenza and MMR*
 - Childcare workers - *Tdap, MMR, influenza*
 - First responders - *Tdap, HepB & influenza*
 - Asthmatics - *PCV13, PPSV23 & influenza*
 - Jewish Orthodox

Subgroups with Current Immunization Data Sources

At-Risk Subgroup	Source of Immunization Data
Children 6 months-19 years. - <i>influenza</i>	WAIS
High OOC Schools	School Reports
4th DTaP in 19-35 month olds (increase to include all recommended vaccines)	WAIS
Ukrainian Speaking Population	Linked WA birth files/WAIS
Somali population in WA	Linked WA birth files/WAIS
Russian Speaking Population	Linked WA birth files/WAIS
Adolescents at 13 years - <i>HPV</i>	WAIS
Pregnant women - <i>Tdap & influenza</i>	Linked WA birth files/WAIS

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Subgroups with Proposed Immunization Data Sources

At-Risk Subgroup	Source of Immunization Data
WIC Clients	Linked WIC/IIS data
Non-White Non Hispanic adults in WA - <i>influenza</i>	WAIS
Medically underserved areas - All age-appropriate vaccines (including influenza)	Sub-county WAIS data
HIV+ persons in Washington - <i>HepB, HepA & HPV</i>	HIV surveillance and MMP

Timeline July 2019-June 2020

- Completed and current activities:
 - Develop list of at-risk subgroups
 - Preliminary prioritization review
 - Obtain stakeholder input from:
 - Vax NW
 - The Vaccine Advisory Committee
 - Local Health Jurisdictions
 - Evaluate stakeholder input and incorporate into prioritization list

What's Next: January 2020-June 2020

- Continue prioritization utilizing categories that are more standardized
- Communicate with other award recipients about common at-risk subgroups
- Select prioritized subgroup for programmatic intervention
- Identify and recruit stakeholders for targeted subgroup(s)

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What's Next, (Cont.):

- Literature review for selected sub-group
- Explore the root cause(s) of low vaccination coverage in this subgroup using:
 - Literature review findings
 - Probable interviews with stakeholders in the identified subgroups
- Briefing paper on selected sub-group

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What's Next, (Cont.):

- Design programmatic activities to address root cause(s) of under immunization in selected at-risk subgroup
- Design and develop a plan to implement and evaluate programmatic activities

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Stakeholder Feedback

- Do you have feedback on:
 - Subgroups identified?
 - Other subgroups/populations to consider?
 - Thoughts about subgroup prioritization:
 - Should diseases that are prone to outbreaks be prioritized?
 - Should groups that have no current data be prioritized?
 - Other stakeholders?
 - Additional ones suggested:
 - Community Health Centers
 - Epi Leads at Public Health-Seattle and King County
 - More input from Eastern Washington

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Future Feedback Opportunities

- Identification and recruitment of stakeholders for selected subgroup
- The programmatic activity selected
- The plan for implementation and evaluation of the programmatic activity

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Contact information:

Pat deHart: pat.dehart@doh.wa.gov



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Subgroups with Proposed Immunization Data

At-Risk Subgroup	Source of Immunization Data
WIC Clients	Linked WIC/IIS data
Non-White Non Hispanic adults in WA - influenza	WAIS
Medically underserved areas - All age-appropriate vaccines (including influenza)	Sub-county WAIS data
HIV+	HIV surveillance and MMP