Immunization Uptake in BC Adults

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Immunization Forum
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Immunization Coverage Assessment in BC Adults

• No immunization registry
• Methods:
  – Aggregate reporting by health regions
  – Surveys
Influenza Immunization Coverage: Survey of Health Authorities

- Influenza Immunization Coverage Assessment Advisory Group
- Annual aggregate reporting
  - LTCF residents
  - LTCF staff
  - Acute care staff
Influenza Immunization Coverage Rates
LTCF Residents, British Columbia

99/00 00/01 01/02 02/03 03/04 04/05 05/06 06/07 07/08 08/09
Influenza Immunization Coverage Rates
Acute Care Staff, British Columbia

2004/05 2005/06 2006/07 2007/08 2008/09
Influenza Immunization Coverage: Canadian Community Health Survey

• Cross-sectional national survey
• Includes questions on:
  – Influenza immunization
  – Age
  – Select high-risk conditions
• Frequency
  – 2003
  – 2005
  – Continuous cycle starting 2007
Influenza Immunization Coverage Rates
Community-Based Seniors, CCHS

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Influenza Immunization Coverage Rates
Select High-Risk Conditions, CCHS

Asthma  Diabetes  Heart Disease  Cancer  Chronic Bronchitis or COPD  Emphysema  One or More Condition

2003  2005
Adult National Immunization Coverage Survey, 2006

- National telephone survey
- BC purchased over-sample
- Populations:
  - Non-institutionalized aged 65 years and over
  - Aged 18-64 with select medical conditions
Immunization Coverage Rates, 2006 aNICS Seniors and People with Chronic Conditions

- Influenza: 65 years plus 70%, Chronic condition 40%
- Pneumo: 65 years plus 40%, Chronic condition 20%
- Hep A: 65 years plus 30%, Chronic condition 20%
- Hep B: 65 years plus 10%, Chronic condition 20%
- Tetanus: 65 years plus 10%, Chronic condition 20%
- Pertussis: 65 years plus 5%, Chronic condition 10%
- Varicella: 65 years plus 10%, Chronic condition 10%
Immunization Coverage Rates, 2006 aNICS
Influenza and Pneumococcal by Condition

- Asthma
- Chronic Lung Disease
- Heart Condition
- Cancer
- Diabetes
- Liver Cirrhosis
- Chronic Kidney Disease
- Immune Disorder/Suppression
- Spleen Problems
- Problem with Hemoglobin

For each condition, the chart shows the coverage rates for Influenza Vaccine (yellow bars) and Pneumococcal Vaccine (green bars).
Further Details

- www.bcccdc.org
- Soon to be www.bcccdc.ca
  - PartnerNet
  - Public access