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Nova Scotia's Influenza Immunization Program



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Overview

Coverage Rates

- CCHS
- provincial surveillance

Program Components

- vaccine supply
- public awareness
- health care worker awareness
- vaccine uptake surveillance

Can. Comm. Health Survey 2003

	12-19 chronic	20-64 chronic	65+
Canada	24%	38%	67%
Nfld	12%	29%	50%
PEI	NR	26%	63%
NS	27%	46%	74%
NB	30%	28%	57%
Quebec	12%	31%	59%
Ontario	34%	46%	74%
Manitoba	10%	28%	61%
Saskatchewan	20%	31%	63%
Alberta	19%	29%	64%
BC	18%	37%	69%
Yukon	NR	30%	50%
NWT	NR	35%	64%
Nunavut	NR	37%	74%

Community Immunization Nova Scotia 2000-2006

<u>Year</u>	<u>65 +</u> Target 80%	<u>< 65</u> Target 80%	<u>LTC Residents</u> Target 95%
2006/07	67%	19%	94%
2005/06	71%	24%	95%
2004/05	70%	21%	95%
2003/04	72%	19%	94%
2002/03	65%	14%	94%
2001/02	69%	13%	93%
2000/01	62%	10%	91%

*HCW Immunization: Acute Care
Nova Scotia 2002-2006*

<u>Year</u>	<u>Direct Care</u> Target 70%	<u>Support Staff</u> Target 70%	<u>Physicians</u> Target 70%
2006/07	38%	67%	48%
2005/06	54%	52%	55%
2004/05	46%	52%	50%
2003/04	46%	49%	n/a
2002/03	38%	49%	n/a

*HCW Immunization: Long Term Care
Nova Scotia 2002-2006*

<u>Year</u>	<u>Direct Care</u> Target 70%	<u>Support Staff</u> Target 70%
2006/07	66%	63%
2005/06	69%	67%
2004/05	64%	68%
2003/04	62%	65%
2002/03	62%	60%

HCW Immunization:Cont/Home Care Nova Scotia 2002-2006

<u>Year</u>	<u>Direct Care</u> Target 70%	<u>Support Staff</u> Target 70%
2006/07	42%	58%
2005/06	55%	59%
2004/05	55%	73%
2003/04	51%	60%
2002/03	46%	52%

Vaccine Supply

- Provincial order through FPT process
- Distribution to local Public Health Services
- Local distribution to vaccine providers
 - MDs
 - LTC facilities
 - Home Care agencies
 - Hospitals
 - Pharmacies *
 - Workplaces *

Vaccine Delivery

- Community-based vaccine administration (2004)
 - 85% MDs
 - 15% PH/Others
- 19% (2006) vaccine unaccounted for [not returned, administration not reported, wasted]

Public Awareness

- Media
 - Annual "flu launch"
 - Updates (e.g. first flu in the province)
- Posters/Pamphlets
 - To all vaccine providers
 - To other stakeholders (e.g. Health charities, Seniors Secretariat, pharmacists)
 - Annual stake holder meeting
- Pharmacy 'bag-stuffer' program
- Presentations/newsletter articles

Health Care Worker Awareness

- Educational materials
 - to all vaccine providers
 - annual letter to professional organizations
- Presentations/newsletter articles
- Media
- Vaccine Clinics at Dalhousie University

Vaccine Uptake Monitoring

- Produce Annual Flu Report
 - surveillance & flu activity
 - vaccine uptake & utilization
 - VAAE
- Principle: all vaccine providers report on usage
 - MDs through billing system
 - LTC/HC/Hospitals/Other return data sheets
- Report on: 65+, under 65, LTC residents, HCWs
- Under estimates true coverage rates

Program Costs

- 2003 cost estimates \$3.7 million
 - Vaccine - \$900,000
 - MD administration - \$2.4 million
 - PH administration - \$200,000
 - LTC/HC administration - no extra costs
 - Hospital administration - \$190,000
 - Materials - \$17,000

Where Next?

- Increased delivery capacity by multiple providers
- Social marketing campaign
- Fund all NACI "high-risk groups"