



Avian Influenza

OUTREACH EDUCATION IN A CRISIS



Identifying the Disease

Steps to a response:

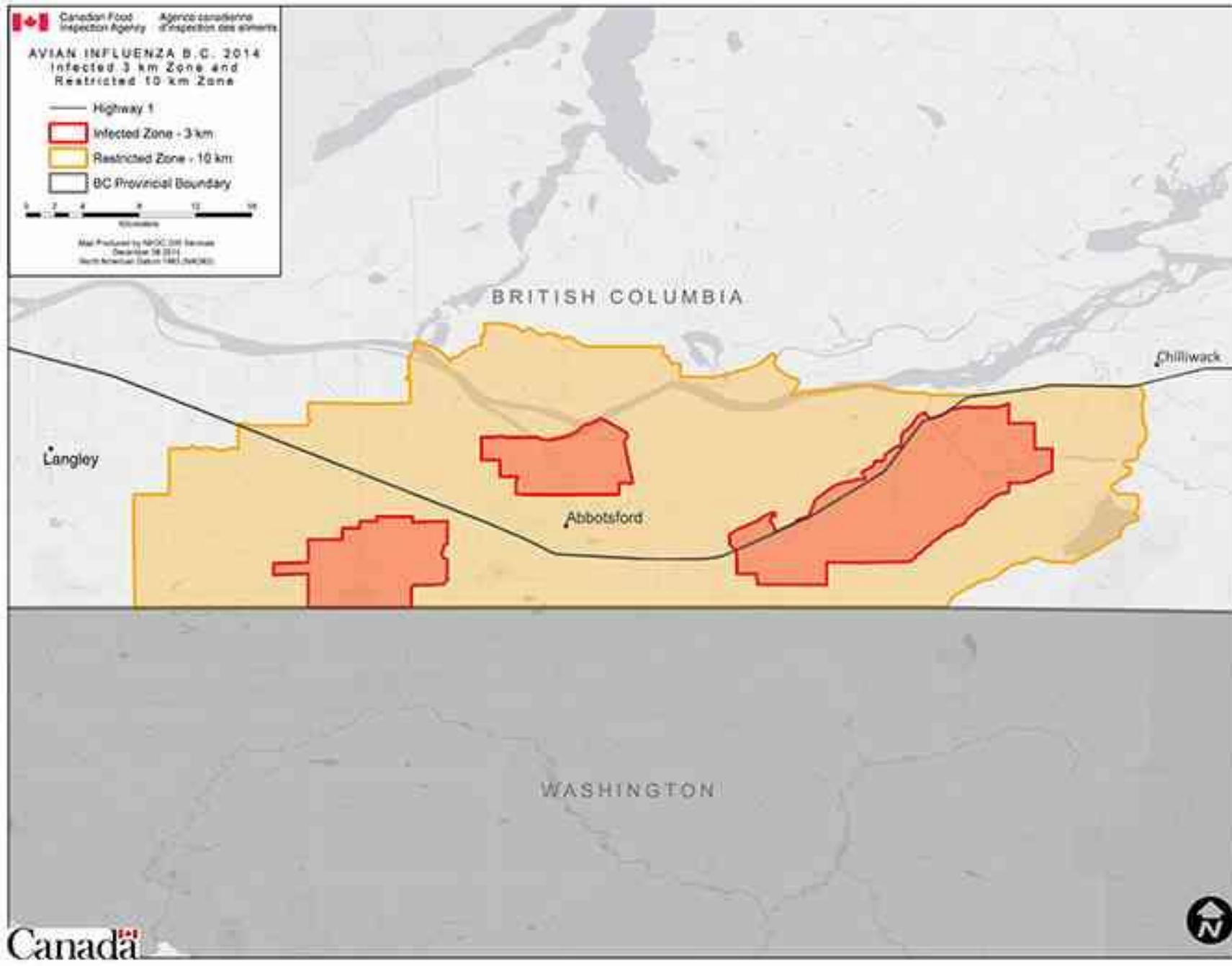
1. Identify a problem
2. Submission of samples
3. Diagnosis (Preliminary and Confirmatory)
4. Action and Response



Disease Response

- Fluidity of situation
- Extent of the infection
- Establishing control and surveillance measures
- International Implications





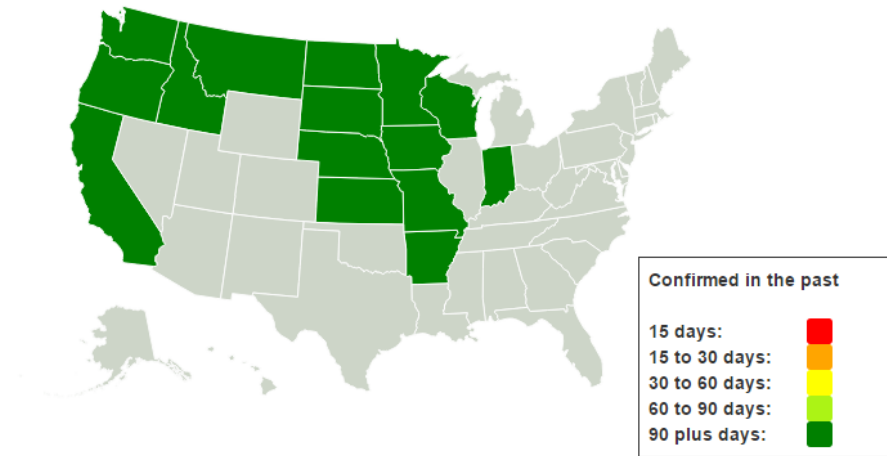
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Outbreak Scale

Commercial Premises

IP #	Location	Date confirmed (yyyy-mm-dd)	Poultry type	Approximate # of affected birds	Date quarantine removed (yyyy-mm-dd)
1	Chilliwack, BC	2014-12-01	Broiler Breeders	13,000	2015-03-07
2	Abbotsford, BC	2014-12-01	Turkeys	28,000	2015-03-05
3	Abbotsford, BC	2014-12-04	Broiler Breeders	14,000	2015-02-07
4	Abbotsford, BC	2014-12-04	Broiler Breeders	25,000	2015-02-19
5	Abbotsford, BC	2014-12-06	Turkeys	33,000	2015-02-04
6	Abbotsford, BC	2014-12-09	Turkeys	33,000	2015-02-07
7	Abbotsford, BC	2014-12-10	Broiler Breeders	19,000	2015-03-07
8	Abbotsford, BC	2014-12-10	Broiler Breeders	8,800	2015-02-09
9	Abbotsford, BC	2014-12-11	Broiler Breeders	7,000	2015-02-12
10	Langley, BC	2014-12-13	Table Egg Layers	53,000	2015-03-25
11	Langley, BC	2014-12-17	Broiler Breeders	11,800	2015-02-25
				Total: 245,600	

Update on Avian Influenza Findings Poultry Findings Confirmed by USDA's National Veterinary Services Laboratories



219
Detections Reported

48,082,293
Birds Affected

12/19/14
First Detection Reported

6/17/15
Last Detection Reported

Non-Commercial Flocks

Non-commercial Premises

<u>IPNC #</u>	<u>Location</u>	<u>Date confirmed</u>	<u>Poultry type</u>	<u>Approximate # of affected birds</u>	<u>Date quarantine removed</u>
1	Aldergrove, BC	2014-12-19	Ducks/Chickens/Geese/Turkeys	85	2015-03-15
2	Chilliwack, BC	2015-02-02	Table Egg Layers	95	2015-03-15
				Total: 180	

What did we learn?

- Adapt to the virus
- Non-commercial flocks are VERY different
- Self-Quarantine WORKS!
- Collaboration is the key to success!



Unknowns

- Specialty implications?
- Endangered species?
- Movements?



Washington

- Small Flocks:
 - Whatcom County
 - Port Angeles
 - Benton County



Communications

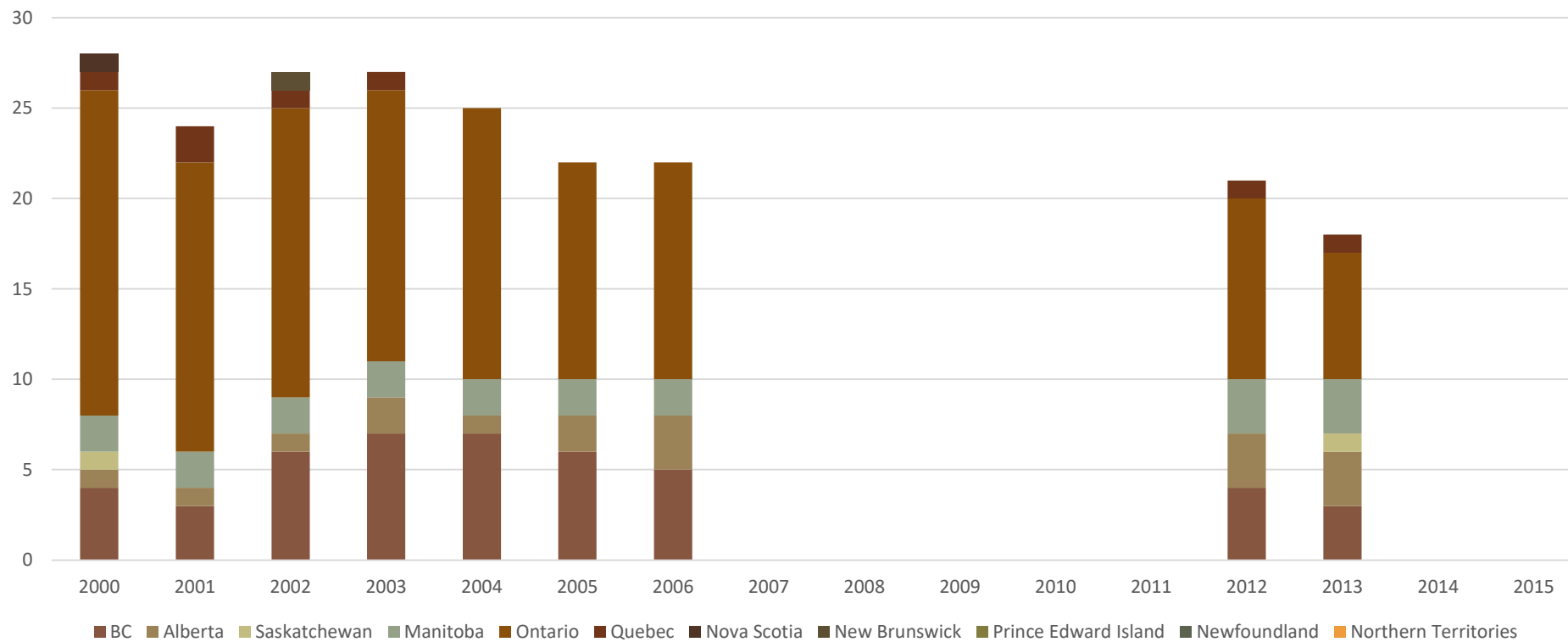
- Consistent & Key Messages
- Fact-based, solid science
- Reliable and trusted delivery



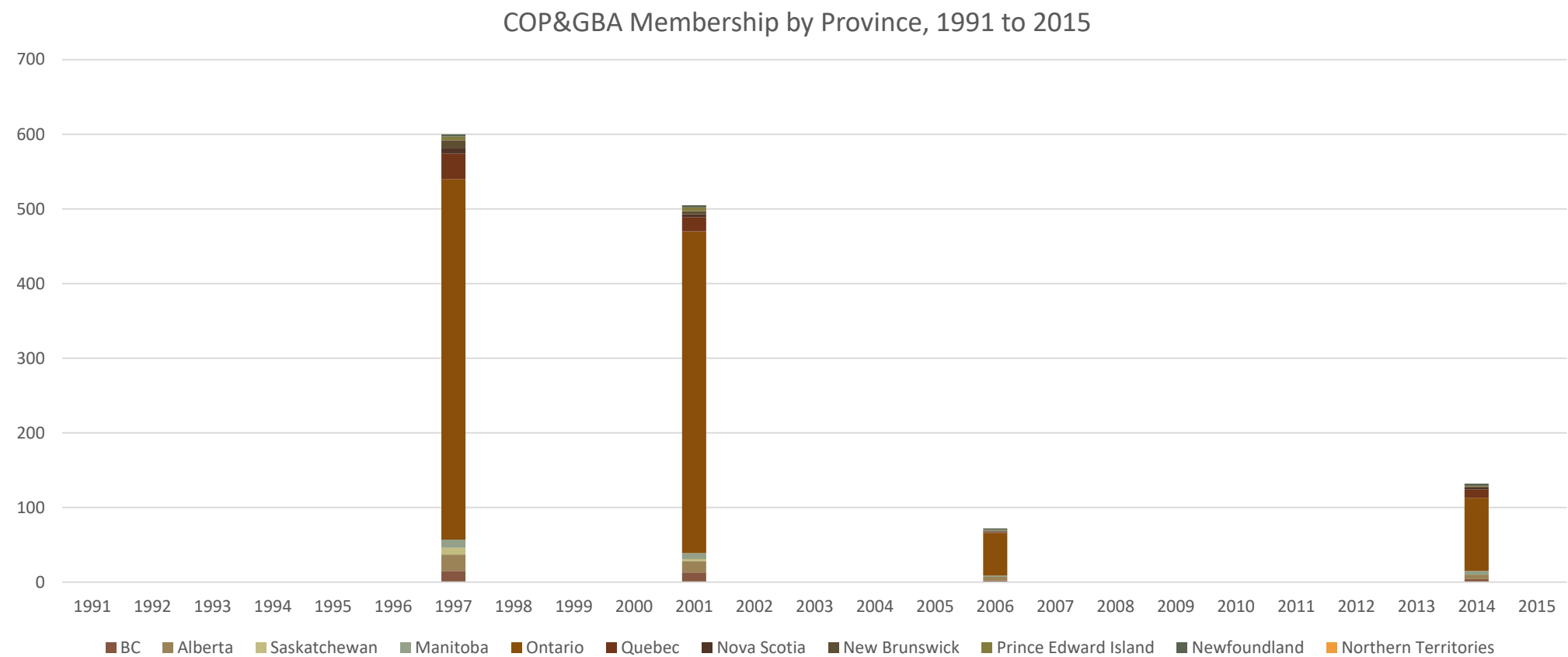
<http://www.abbynews.com/news/284685931.html>

Communications

APWS Canadian Membership by Province, 2000 to 2015



Communications



Self Quarantine- the Key to Survival



- Have a plan!
- Test it!
- Prove it!

Questions?

