



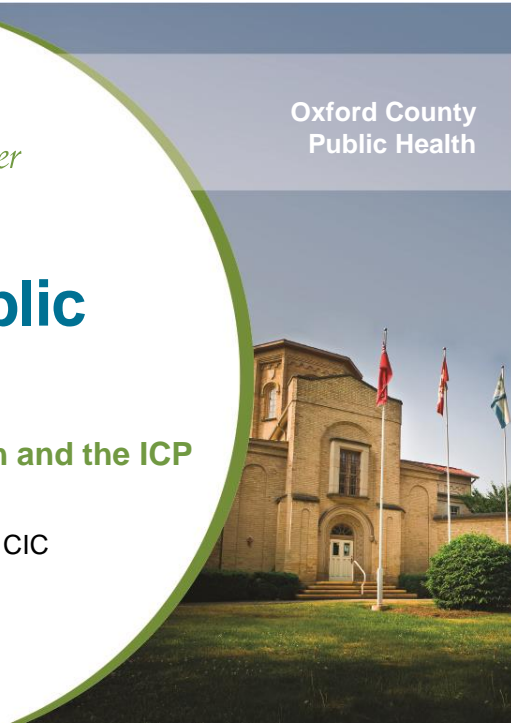
Oxford County  
Public Health

# IPAC and Public Health

**Or 101 ways public health and the ICP interact**

Elaine Reddick, CIPHI (C), MPA, CIC  
Program Supervisor, Health Protection

September 15, 2017



## Ontario – a bit convoluted

- 36 local public health units, each with a Medical Officer of Health
  - accountable to local government and the Ministry of Health and Long-Term Care (Chief Medical Officer of Health and public health departments within the Ministry)



## Ontario – a bit convoluted

- Public Health Ontario—a scientific agency with political independence from the MOHLTC. Includes the public health lab, PIDAC, regional infection control offices and public health departments such as Infectious Diseases, Infection Prevention and Control, Surveillance and Epidemiology, Health Promotion, Chronic Disease and Injury Prevention, Environmental and Occupational Health and Emergency Preparedness and Incident Response.



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

3

## From Local to International - Disease Reporting



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

4

## Disease Reporting

- Legal requirement
  - List of reportable diseases
    - Report next business day
    - Report immediately by telephone



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

5

## Not Just the Job of the Lab...

Diseases must be reported on **clinical suspicion**, not just laboratory confirmation

- Measles
- Meningitis or bacteremia caused by *Neisseria meningitidis*
- Diseases that may be bio-terrorism-related
  - Anthrax
  - Plague
  - Tularemia
  - Smallpox



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

6

## Why? Hurry up and do something...

Diseases for which immediate public health action must be initiated to prevent further spread or an outbreak:

- iGAS
- Meningococcal
- Hepatitis A
- Cholera
- Hemorrhagic fevers, including Ebola virus, Marburg virus
- Measles, rubella
- SARS
- Shigella
- Polio



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

7

## Why? Who has what where?

- Diseases/conditions for which the reporting is mainly about surveillance
  - Acute flaccid paralysis
  - Creutzfeldt-Jakob Disease, all types
  - Encephalitis
  - Lyme disease
  - Pneumococcal disease, invasive
  - West Nile Virus



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

8

## Why? Detect and Manage Outbreaks in Health Care

- Chickenpox (Varicella)
- Clostridium difficile associated disease (CDAD) outbreaks in public hospitals
- Gastroenteritis, institutional outbreaks
- Food poisoning, all causes
- Group A Streptococcal disease, invasive
- Hepatitis B
- Influenza
- Respiratory infection outbreaks in institutions
- SARS
- TB



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

9

## Why? Something wrong in the 'environment'

- Anthrax
- Cholera
- Food poisoning, all causes
- Giardiasis
- Hantavirus
- Hepatitis A
- Legionellosis
- Listeriosis
- Lyme
- Malaria
- Paralytic Shellfish Poisoning
- Plague
- Psittacosis/Ornithosis
- Qfever
- Rabies
- Salmonellosis
- Shigellosis
- Trichinosis
- Typhoid Fever
- Verotoxin-producing E. coli
- West Nile



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

10

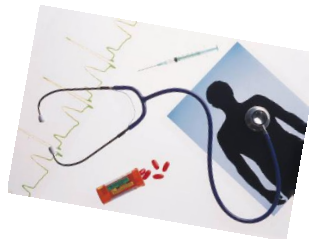
## Regulatory Environment

- Public Health Units are Responsible for Enforcement of Public Health Acts and Regulations
- Examples:
  - Provincial legislation
    - Safe Drinking Water Act
    - Food Premises Regulation
    - Communicable Disease Regulation
    - Smoke Free Ontario Act
    - Tanning Beds, Swimming Pools, Whirlpools,
  - Municipal legislation
    - Smoking by-laws
    - Lodging home by-laws
    - Property Standards



## Public health assistance with treatment

- Diseases for which public health oversight or involvement in treatment
  - TB
  - Rabies
  - Botulism
  - Malaria
  - STIs



## Direct Services

- Immunization
- Sexual Health
- Travel clinics
- Population Health Promotion
- Dental
- Family Health



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

13

## IPAC

- **Consultation** Infection Prevention and Control and Outbreak Management
  - Public Health Units
  - Public Health Ontario – Regional IPAC offices
- **Regulatory** role in Infection Prevention and Control and Outbreak Management
  - Public Health Units
  - Ministry of Labour



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

14

## IPAC Lapses

- Investigations
  - Sometimes with a 'College' or professional regulatory body
- Health Care and Personal Service Settings
  - Hospitals, LTCH, retirement homes
  - Dental offices
  - Physician offices
  - Off-site surgical clinics
  - Cosmetic surgery, laser therapy
  - Tattoo, piercing, body modifications
  - Hairdressing, barbering, manicures, pedicures, etc.



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

15

## IPAC Inspections

- Personal Service Settings
- Child Care Centres
- Response to complaints in any setting



[www.oxfordcounty.ca/health](http://www.oxfordcounty.ca/health)

16