

# Infectious Diseases in the Ontario Public Health Standards and Protocols

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# Overview of presentation

- **Background/Context**

- **Comparison of 1997 Mandatory Health Programs and Services Guidelines with the 2008 Ontario Public Health Standards**
- **Overview on Development/Consultative Process**
  - **Summary of consultative comments**
  - **Technical Review Committee (TRC)**

- **Highlights: Infectious Diseases Standards & Protocols**

- **Infectious Diseases Standards and Protocols Summary**
- **Infectious Diseases Protocols Key Highlights**

- **Guidance Documents**

- **Next Steps**

# Context

- **To provide a brief overview of the context and processes to develop and revise the Infectious Diseases Ontario Public Health Standards (OPHS) and Infectious Diseases Protocols to date**
- **To compare and contrast the Mandatory Health Programs and Services Guidelines (MHPSG) with the new OPHS with respect to Infectious Diseases**
- **To highlight key points in the Infectious Diseases Protocols**
- **To share the list of supporting best practices/guidance documents that will be available January 2009 and those proposed for future development**

# Comparison of 1997 & 2008 Infectious Diseases Standards

## MHPSG ( 6 “standards”; 6 protocols)

- **Control of Infectious Diseases**
  - **Notification of Emergency Service Workers Protocol**
- **Infection Control**
  - **Infection Control in Personal Services Settings Protocol**
- **Rabies Control**
- **Sexually Transmitted Diseases Including HIV/AIDS**
  - **Sexually Transmitted Diseases Control Protocol**
- **Tuberculosis Control**
  - **Tuberculosis Control Protocol**
- **Vaccine Preventable Diseases**
  - **Vaccine Storage and Handling Protocol**
  - **Bioinventory System Protocol**

## OPHS ( 5 standards; 11 protocols)

*Summarized on next slide*

# OPHS: Infectious Diseases Standards and Protocols Summary

Infectious Diseases Standards	Cited Infectious Diseases Protocols
<b>Infectious Diseases Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Infection Prevention and Control in Licensed Day Nurseries Protocol, 2008</li> <li>•Infection Prevention and Control Practices Complaint Protocol, 2008</li> <li>•Infection Prevention and Control in Personal Services Settings Protocol, 2008</li> <li>•Infectious Diseases Protocol, 2008 *</li> <li>•Institutional/Facility Outbreak Prevention and Control Protocol, 2008</li> <li>•Exposure of Emergency Service Workers to Infectious Diseases Protocol, 2008</li> </ul>
<b>Rabies Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Rabies Prevention and Control Protocol, 2008</li> </ul>
<b>Tuberculosis Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Tuberculosis Prevention and Control Protocol, 2008</li> </ul>
<b>Sexual Health, Sexually Transmitted Infections, and Blood-Borne Infections (including HIV) Standard</b>	<ul style="list-style-type: none"> <li>•Sexual Health and Sexually Transmitted Infections Prevention and Control Protocol, 2008</li> </ul>
<b>Vaccine Preventable Diseases Standard</b>	<ul style="list-style-type: none"> <li>•Immunization Management Protocol, 2008</li> <li>•Vaccine Storage and Handling Protocol, 2008</li> <li>•Infectious Diseases Protocol, 2008 *</li> </ul>

\* N.B. Food Safety, Safe Water, and Health Hazard Prevention and Management Standards also cite Infectious Diseases Protocol, 2008

# Ontario Public Health Standards Compared to Mandatory Health Programs and Services Guidelines

## Overview:

- **Focused practice sections clearly define accountabilities (Societal and Board of Health outcomes broadened)**
- **Individual standards have clearly defined requirements (specific sections for assessment and surveillance, health promotion and policy development, disease prevention and health protection)**
- **Specific and technical detail resides in individual protocols**
- **Best Practice Documents will support protocols and new standards**

# Comparison of Ontario Public Health Standards with Mandatory Health Programs and Services Guidelines

MHPSG	OPHS	Key Changes
<b>Control of Infectious Diseases</b>  <b>And</b>  <b>Infection Control</b>	<b>Infectious Diseases Prevention and Control Standard</b>	<ul style="list-style-type: none"><li>• <b>New standard more high-level</b></li><li>• <b>Combines Infectious Diseases and Infection Control</b></li><li>• <b>Cites many new protocols</b></li></ul>

## Comparison of Ontario Public Health Standards with Mandatory Health Programs and Services Guidelines

MHPSG	OPHS	Key Changes
<b>Rabies Control</b>	<b>Rabies Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Detailed technical information in Rabies Prevention and control Protocol</li> </ul>
<b>Sexually Transmitted Diseases (STDs) Including HIV/AIDS</b>	<b>Sexual Health, Sexually Transmitted Infections, and Blood-Borne Infections (including HIV) Standard</b>	<ul style="list-style-type: none"> <li>•More integrated and principle based</li> <li>•Increased emphasis on public awareness and promotion with stakeholders and partners</li> </ul>

# Comparison of Ontario Public Health Standards with Mandatory Health Programs and Services Guidelines

MHPSG	OPHS	Key Changes
<b>Tuberculosis (TB) Control</b>	<b>Tuberculosis Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•New requirement in area of health promotion and policy development</li> <li>•Conduct surveillance of active cases and those with LTBI</li> <li>•Provide public health management of individuals with LTBI</li> </ul>
<b>Vaccine Preventable Diseases</b>	<b>Vaccine Preventable Diseases Standard</b>	<ul style="list-style-type: none"> <li>•Board of Health has greater role to improve public knowledge of immunization</li> <li>•Clarified inventory management requirements</li> </ul>

# Protocols

# Development/Consultative Process

- **11 Infectious Diseases Protocols**
- **Established 9 Protocol Development Teams comprised of health unit and ministry staff who actively engaged in drafting throughout the fall and winter 2007/08**
- **Stakeholder e-consultation on Draft Infectious Diseases protocols was held as part of Phase 2 (April 2008) and included boards of health/public health units, reference panel associations and other health organizations, and other Ministry/Government agencies**
- **Comments were used to inform the Final Draft of the protocols in spring 2008**
- **Technical Review Committee consultation was held in February and in June 2008 to review the revised Infectious Diseases protocols, advice was used to inform the finalization of the protocols July 2008**

# Consultative Feedback

- **Harmonize use of language**
- **Develop glossary and define key terms and concepts**
- **Develop Guidance documents and tools**
- **Clarification on timelines**
- **Specific feedback re individual protocols**

## Technical Review Committee: Synopsis of main themes

<b>TRC Themes</b>	<b>Infectious Diseases Branch Follow-Up</b>
<b>Need to engage audiences as soon as protocols released</b>	<b>•OPHS Launch and Infectious Diseases Workshops</b>
<b>Provide training and education, information and evaluation opportunities</b>	<b>•Infectious Diseases Workshops •IDB staff available as resources</b>
<b>Glossary, Tools and Best Practices to support protocols</b>	<b>•Identified the need for new best practices/guidance documents •New tools, such as risk assessments and checklists created •Developed a glossary and defined key terms</b>

# OPHS: Infectious Diseases Standards and Protocols Summary

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<b>Rabies Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Rabies Prevention and Control Protocol, 2008</li> </ul>
<b>Tuberculosis Prevention and Control Standard</b>	<ul style="list-style-type: none"> <li>•Tuberculosis Prevention and Control Protocol, 2008</li> </ul>
<b>Sexual Health, Sexually Transmitted Infections, and Blood-Borne Infections (including HIV) Standard</b>	<ul style="list-style-type: none"> <li>•Sexual Health and Sexually Transmitted Infections Prevention and Control Protocol, 2008</li> </ul>
<b>Vaccine Preventable Diseases Standard</b>	<ul style="list-style-type: none"> <li>•Immunization Management Protocol, 2008</li> <li>•Vaccine Storage and Handling Protocol, 2008</li> <li>•Infectious Diseases Protocol, 2008 *</li> </ul>

\* N.B. Food Safety, Safe Water, and Health Hazard Prevention and Management Standards also cite Infectious Diseases Protocol, 2008

# Key Highlights: Infectious Diseases Protocols

<b>Infectious Diseases Protocols</b>	<b>Key Highlights</b>
<b>Infection Prevention and Control in Licensed Day Nurseries Protocol, 2008</b>	<ul style="list-style-type: none"><li>•Now specific to Licensed Day Nursery</li><li>•Inspections now require risk-based approach</li></ul>
<b>Infection Prevention and Control Practices Complaint Protocol, 2008</b>	<ul style="list-style-type: none"><li>•Detailed guidance in assessing complaints and initiating investigations</li><li>•Specific timelines regarding response to complaints</li></ul>
<b>Infection Prevention and Control in Personal Services Settings Protocol, 2008</b>	<ul style="list-style-type: none"><li>•More prescription/detail</li><li>•Not limited to blood-borne infection</li><li>•Conduct risk assessment if health hazard exists</li><li>•Annual education of PSW/Operators and public</li></ul>

# Key Highlights: Infectious Diseases Protocols

Infectious Diseases Protocols	Key Highlights
<b>Institutional/Facility Outbreak Prevention and Control, 2008</b>	<ul style="list-style-type: none"><li>•More prescription/detail</li><li>•No new requirements, formalizes previous requirements</li><li>•Board of Health collaborates with institutions to support surveillance</li></ul>
<b>Exposure of Emergency Service Workers to Infectious Diseases, 2008</b>	<ul style="list-style-type: none"><li>•Specifies BOH responsibility under HPPA</li><li>•Includes all diseases in List of Reportable Communicable Diseases in <i>Health Protection and Promotion Act (HPPA)</i> and all diseases as defined in Infectious Diseases Prevention and Control standard (public health importance)</li></ul>

# Key Highlights: Infectious Diseases Protocols

<b>Infectious Diseases Protocols</b>	<b>Key Highlights</b>
<b>Rabies Prevention and Control Protocol, 2008</b>	<ul style="list-style-type: none"><li>•Standardizes approach across the province</li><li>•Reflective of the current rabies situation in Ontario</li><li>•Board of Health may need to develop Rabies Contingency Plan (no longer mandatory)</li></ul>
<b>Sexual Health and Sexually Transmitted Infections Prevention and Control Protocol, 2008</b>	<ul style="list-style-type: none"><li>•Clarified case and contact management</li></ul>
<b>Tuberculosis Prevention and Control, 2008</b>	<ul style="list-style-type: none"><li>•Have mechanism in place to provide directly observed therapy (DOT)</li><li>•Conduct yearly epidemiological analysis of TB data for TB cases and for Latent TB Infections (LTBI)</li></ul>

# Key Highlights: Infectious Diseases Protocols

Infectious Diseases Protocols	Key Highlights
<b>Immunization Management Protocol, 2008</b>	<ul style="list-style-type: none"><li>•More prescription/detail related to immunization status of school pupils</li><li>•Boards of health need to maintain records of immunization status of attendees of all licensed day nurseries</li></ul>
<b>Vaccine Storage and Handling Protocol, 2008</b>	<ul style="list-style-type: none"><li>•More prescription/detail related to vaccine ordering, handling and use, transport, cold chain inspections, and cold chain incidents</li></ul>

# Key Highlights: Infectious Diseases Protocols

Infectious Diseases Protocols	Key Highlights
<b>Infectious Diseases Protocol, 2008</b>	<ul style="list-style-type: none"><li>• <b>Currently out for Technical Consultation (Nov 7<sup>th</sup> – Nov 21)</b></li><li>• <b>Provide reportable disease information formatted for public health management</b></li></ul>

# Implementation

- **OPHS Protocols to come into effect January 2009**
- **Supporting tools, Guidance/Best Practice documents have been identified and are being developed**

# Guidance Documents

<b>Protocol</b>	<b>Guidance Document</b>	<b>Status</b>
<b>Infection Prevention and Control in Personal Services Settings, 2008</b>	<b>Infection Prevention and Control Best Practices for Personal Services Settings</b>	<b>To be released early 2009</b>
<b>Vaccine Storage and Handling, 2008</b>	<b>Vaccine Storage and Handling Guidelines, 2006</b>	<b>Update to be released early 2009</b>
<b>Institutional/Facility Outbreak Prevention and Control, 2008</b>	<b>A Guide to the Control of Respiratory Infection Outbreaks in Long-Term Care Homes</b>	<b>Update to be released January 2009</b>
	<b>A Guide to the Control of Enteric Disease Outbreaks in Health Care Facilities</b>	<b>Update to be released January 2009</b>

# Guidance Documents

Protocol	Guidance Document	Status
<b>Exposure of Emergency Service Workers to Infectious Diseases, 2008</b>	<b>Update manual <i>Preventing and Assessing Occupational Exposures to Selected Communicable Diseases - An Information Manual for Designated Officers, MOHLTC November 1994</i></b>	<b>Targeting completion in spring 2009</b>
<b>Institutional/Facility Outbreak Prevention and Control, 2008</b>	<b>Guide to the Control of CDAD-outbreaks in public hospitals</b>	<b>Targeting completion early 2009</b>

# Guidance Documents

<b>Protocol</b>	<b>Guidance Document</b>	<b>Status</b>
<b>Infectious Diseases Protocol, 2008</b>	<b>Best Practices for Mumps and Rubella</b>	<b>To be initiated Jan 2009</b>
<b>Infectious Diseases Protocol, 2008</b>	<b>Ontario Best Practice Guidance for Public Health Management of Measles</b>	<b>Targeting completion early 2009</b>
<b>Infectious Diseases Protocol, 2008</b>	<b>Best Practices for Invasive Meningococcal C</b>	<b>To be initiated Jan 2009</b>

# Guidance Documents

Protocol	Guidance Document	Status
<b>Infection Prevention and Control in Licensed Day Nurseries Protocol, 2008</b>	<b>Best Practices Document for Licensed Day Nurseries</b>	<b>To be initiated 2009</b>
<b>Rabies Prevention and Control, 2008</b>	<b>Rabies Prevention and Control Guidance Document</b>	<b>To be initiated Jan 2009</b>
<b>Sexual Health and Sexually Transmitted Infections Prevention and Control Protocol, 2008</b>	<b>Sexual Health clinical Services Manual</b>  <b>Sexually Transmitted Infections Case Management and Contact Tracing Best Practices</b>	<b>Targeting completion early 2009</b>

# Guidance Documents

<b>Protocol</b>	<b>Guidance Document</b>	<b>Status</b>
<b>Tuberculosis Prevention and Control Protocol</b>	<b>Tuberculosis Prevention and Control Guidance Document</b>	<b>Targeting completion early 2009</b>

# Next Steps

- **Technical e-consultations on Infectious Diseases Protocol, chapters (A-Y), to begin November 7, 2008**
- **Infectious Diseases Workshop November 24 and 25, 2008**
- **Tuberculosis Prevention and Control Standard /Protocol Workshop December 4, 2008 (webinar)**
- **Continued development of new Best Practices/Guidance documents and additional support for protocols**
- **Evergreen process to update protocols commences January 2009**
- **Ongoing communication and support with health units**

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**Thank You  
Questions?**