Public Health Ontario | Santé publique Ontario

Infectious Diseases (ID) Query Metadata

Technical Notes

Updated: January 2026

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Public Health Ontario

Public Health Ontario is an agency of the Government of Ontario dedicated to protecting and promoting the health of all Ontarians and reducing inequities in health. Public Health Ontario links public health practitioners, frontline health workers and researchers to the best scientific intelligence and knowledge from around the world.

Public Health Ontario provides expert scientific and technical support to government, local public health units and health care providers relating to the following:

- communicable and infectious diseases
- infection prevention and control
- environmental and occupational health
- emergency preparedness
- health promotion, chronic disease and injury prevention
- public health laboratory services

Public Health Ontario's work also includes surveillance, epidemiology, research, professional development and knowledge services. For more information, visit publichealthontario.ca.

Contact

For further questions or comments related to ID Query, please email data@oahpp.ca.

Disclaimer

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Ontario Agency for Health Protection and Promotion (Public Health Ontario). Infectious diseases (ID) query metadata. Toronto, ON: King's Printer for Ontario; 2026.

Contents

Background

ID Query describes confirmed and probable cases of Diseases of Public Health Significance (DOPHS) reported by public health units (PHUs) in Ontario through the integrated Public Health Information System (iPHIS) and the Public Health Case and Contact Management Solution (CCM). The diseases included within ID Query are specified under Ontario Regulation 135/18;[1] diseases/events that are excluded are noted below. Included case classifications are defined within the Infectious Diseases Protocol 2023[2], Appendix 1 at the time they were reported.

Note: As of June 2, 2024 entry and reporting of specific COVID-19 data shifted back to iPHIS with a focus on entering COVID-19 cases with fatal outcomes and outbreaks. ID Query only presents historical COVID-19 cases from CCM up to June 1, 2024.

Diseases/Events of Public Health Significance in iPHIS Excluded from ID Query

- Cases of *Clostridium difficile* infection either reported individually or in aggregate
- Gastroenteritis or respiratory infection outbreaks in institutions and public hospitals and associated outbreak-related cases, such as norovirus or rhinovirus
- Cases reported as having a disease that is 'unknown'
- Adverse events following immunization

ID Query Tool

Disease/Event Data

- Original source: iPHIS, CCM (for COVID-19 case data up to June 1, 2024, reported as 'Diseases caused by a novel coronavirus' in ID Query)
- Distributed by: Ontario. Ministry of Health
- Citation for iPHIS: Ontario. Ministry of Health, integrated Public Health Information System (iPHIS) database. Date extracted: (enter most recent Wednesday)
- Citation for CCM: Ontario. Ministry of Health, Case and Contact Management Solution (CCM). Date extracted: (enter the CCM data extraction date found on the disease report webpages)

Population Estimates (2016-2023)

- Original source: Statistics Canada
- Distributed by: Ontario. Ministry of Health, IntelliHealth Ontario
- Citation: Population estimates 2016-2023. Ontario. Ministry of Health, IntelliHealth Ontario. Date extracted 2025 Jan 31.

Population Projections (2024-2026)

- Original source: Ontario Ministry of Finance
- Distributed by: Ontario. Ministry of Health, IntelliHealth Ontario
- Citation: Population projections 2024-2026. Ontario. Ministry of Health, IntelliHealth Ontario. Date extracted 2025 Sept 12.

Metrics Included

Case Count

- Total number of new cases reported in a specified time period.

Overall Crude Rates (Provincial or PHU)

- Total number of new cases relative to the total population per 100,000 in a specified period. Note: One person may be diagnosed with the same disease multiple times in a year; this dataset includes these repeat infections. However, for Carbapenemase-producing Enterobacteriaceae (CPE), where multiple cases with the same carbapenemase are entered in iPHIS for a client, only the first case is included.

Age-specific Incidence Rate by Sex

- Total number of new cases in a given age group and sex per 100,000 population in a specified period.
- Age-specific incidence rates are provided for the following
    - Age groups: <1 yr, 1-4, 5-9, 10-14, 15-19, … , 85-89, 90+
    - Sex: Female, Male, Did not indicate male or female

Geographic Comparisons

- Ontario
- PHU

Exclusion Criteria

Public Health Ontario (PHO) has excluded cases from counts, overall incidence rates, and age-specific incidence rates by sex when:

- MOHLTC-PHD was selected as the Diagnosing Health Unit (for iPHIS) or MOH-PHO was selected as the Permanent Health Unit (DHU) (for CCM); or
- The case was reported as:
    - Meeting the suspect case definition (except for TB);
    - A person-under-investigation (PUI) within the case classification/diagnosis status;
    - Entered in error, identified as a duplicate and/or marked as not meeting the case definition within the Disposition/Episode Status/Encounter Status.
- PHO has excluded cases from age-specific incidence rates by sex only when cases had:
    - An unknown age
    - An invalid age (< 0yrs or > 120yrs)
    - A sex other than male or female was assigned such as other, or unknown (i.e., did not indicate male or female)

Additional Data Notes

Information contained within this metadata document along with the associated data considerations and caveats should be reviewed when interpreting the data in ID Query reports.

A full list of data caveats for consideration is provided in a separate document and on the second page of each Report.

Disease Grouping

PHO reports all diseases in the same manner as entered by PHUs into iPHIS with the exception of the following:

1. ‘Encephalitis’ includes primary viral and unspecified encephalitis.

2. ‘Syphilis, Infectious’ includes early latent syphilis; infectious neurosyphilis; primary anal, genital or other sites syphilis; syphilis, secondary of skin and mucous membranes or other sites; and Syphilis, Latent includes Syphilis, late latent or of unknown duration.
3. ‘Syphilis, Other’ includes unspecified neurosyphilis, non-infectious neurosyphilis, other tertiary syphilis and unspecified syphilis.
4. ‘Meningitis’ includes bacterial, viral and other meningitis.
5. ‘Tuberculosis’ includes all miliary tuberculosis, meningeal tuberculoma, respiratory tuberculosis, tuberculosis of a particular site (adrenal gland, lung, nervous system, skin, etc.), tuberculous meningitis and tuberculous pleurisy.
6. ‘Carbapenemase-Producing Enterobacteriaceae (CPE)’ includes Carbapenemase-Producing Enterobacteriaceae (CPE)-Infection, Carbapenemase-Producing Enterobacteriaceae (CPE)-Colonization, and Carbapenemase-Producing Enterobacteriaceae (CPE)-Unspecified.

Refresh Cycle

Data Table	Description	Refresh Schedule
Case	DOPHS data from iPHIS	Weekly (every Wednesday)
Case	COVID-19 data from CCM	Not applicable. ID Query presents historical COVID-19 cases up to June 1, 2024
Population	Population estimates and projections from IntelliHealth Ontario	As available
Age	Lookup table	As needed
Dates	Lookup table	Annual (December)
Disease	Lookup table	As needed
Sex	Lookup table	As needed
Public health unit	Lookup table	As needed

Interpretation

- The information is provided on an "as-is" basis. PHO cannot and does not warrant or represent that the information is accurate, complete, reliable or current.
- Data caveats should be reviewed prior to interpreting data.
- The COVID-19 data in ID Query from CCM are historical, and therefore static. The number of cases of DOPHS from iPHIS may change over time due to case updates, especially in the most recent months; however, changes in historical iPHIS data are expected to be minimal.
- When interpreting trends (i.e., the number of cases or rates of disease over time), users should consider changes to case definitions and laboratory testing over the time period of interest. PHO has produced a document addressing changes in case definitions over time: Factors Affecting Reportable Disease Trends in Ontario[3] and an associated Appendix.[4]

Generic Citation Format

Please fill in the highlighted sections only of the below citation.

Ontario Agency for Health Protection and Promotion (Public Health Ontario). Infectious Diseases Query: name of the tab lower case [Internet]. Toronto, ON: King's Printer for Ontario; c2026 [updated 202X Mon DD; cited 202X Mon DD]. Available from: URL

Example Citation:

Ontario Agency for Health Protection and Promotion (Public Health Ontario). Infectious Diseases Query: trends [Internet]. Toronto, ON: King's Printer for Ontario; c2026 [updated 2026 Jan 8; cited 2026 Jan 9]. Available from: https://www.publichealthontario.ca/en/data-and-analysis/infectious-disease/id-query

Release Notes

Description	Date
Updated reports to contain data for last 10 years and current year (2016 to 2026) and display counts by the 29 public health unit (PHU) geographies	January 2026
Addition of Late congenital syphilis and syphilitic stillbirth infection to all ID Query reports.	September 2025
Addition of Candida auris infection to all ID Query reports.	June 2025
Updated reports to contain data for last 10 years and current year (2015 to 2025).	January 2025
Changed reports to present historical COVID-19 data (cases up to June 1, 2024).	June 2024
Updated reports to contain data for last 10 years and current year (2014 to 2024).	January 2024
Addition of anaplasmosis, babesiosis and Powassan virus as diseases to all ID Query reports.	September 2023
Updated reports to contain data for last 10 years and current year (2013 to 2023). Addition of mpox as a disease to all ID Query reports. Removal of yellow fever and malaria.	January 2023
Updated reports to contain data for last 10 years and current year (2012 to 2022). Update Gender field label to Sex.	January 2022
Add new public health unit 'Huron Perth Public Health' to reflect merger of 'Huron County Health Unit' and 'Perth District Public Health' January 1, 2020. Remove previously listed known as public health unit names.	January 2021
Updated Disease Look-up table to allow reporting of 'CORONAVIRUSES CAUSING SEVERE ACUTE RESPIRATORY ILLNESS'.	January 2020
Updated Disease Look-up table to: allow reporting of "Hepatitis B, chronic", relabelled acute hepatitis B cases that were previously in the tool from "Hepatitis B" to "Hepatitis B, acute" and labelled latent tuberculosis as "Tuberculosis infection, latent". 'Syphilis, latent' split out from 'Syphilis, Other' to allow for reporting on late latent syphilis.	December 2019
New Cognos reports developed to produce latent tuberculosis infection (LTBI) and chronic hepatitis B data.	December 2019
Update Cognos data extraction report logic for 'CPE Report' to apply the date filter after auto-aggregation.	November 2019

Description	Date
Add new public health unit ‘Southwestern’ to reflect merger of ‘Oxford County Public Health & Emergency Services’ and ‘Elgin-St. Thomas Public Health’ May 1, 2018. Remove previously known as public health unit names: 'Oxford County Public Health & Emergency Services' and ‘Elgin-St. Thomas Public Health’.	December 2018
Update Cognos data extraction report logic for ‘OM Report’ to exclude Carbapenemase-producing Enterobacteriaceae (CPE).	May 2018
Modify disease name ‘HAEMOPHILUS INFLUENZAE B DISEASE, INVASIVE’ to HAEMOPHILUS INFLUENZAE DISEASE, ALL TYPES, INVASIVE.	May 2018
Update the following public health unit names: 'Oxford County - Public Health & Emergency Services' to 'Oxford County Public Health & Emergency Services'; 'Chatham-Kent Health Unit' to 'Chatham-Kent Public Health'; 'Niagara Region Public Health Department' to 'Niagara Region Public Health'; 'Peterborough County-City Health Unit' to 'Peterborough Public Health'; 'Region of Waterloo Public Health' to 'Region of Waterloo Public Health and Emergency Services'.	December 2017
Three instructional videos covering the topics; Selecting multiple slicers, Copying and pasting data from a table, Expanding and collapsing.	December 2016
New ID Query report Counts – Disease, Year, Age, and Gender.	December 2016
Data caveats moved to second page of each ID Query report.	December 2016

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References

1. *Designation of Diseases*, O Reg 135/18. Available from: https://www.ontario.ca/laws/regulation/180135?search=Health+Protection+and+Promotion+Act

2. Ontario. Ministry of Health. Ontario public health standards: requirements for programs, services, and accountability. Infectious disease protocol. Appendix 1: provincial case definitions and disease specific information [Internet]. Toronto, ON: King's Printer for Ontario; 2025 [cited 2025 Aug 26]. Available from: https://www.ontario.ca/page/ontario-public-health-standards-requirements-programs-services-and-accountability#section-2

3. Ontario Agency for Health Protection and Promotion (Public Health Ontario). Factors affecting reportable diseases in Ontario (1991-2016) [Internet]. Toronto, ON: Queen's Printer for Ontario; 2018 [cited 2023 Jan 04]. Available from: https://www.publichealthontario.ca/-/media/documents/F/2018/factors-reportable-diseases-ontario-1991-2016.pdf

4. Ontario Agency for Health Protection and Promotion (Public Health Ontario). Appendix: factors affecting case definition changes in Ontario (1991-2016) [Internet]. Toronto, ON: Queen's Printer for Ontario; 2018 [cited 2023 Jan 04]. Available from: https://www.publichealthontario.ca/-/media/documents/A/2018/appendix-factors-reportable-diseases-ontario-1991-2016.pdf

Annex A: Cognos Data Extraction Report Logic

PHO uses eight Cognos reports to extract data from iPHIS to populate the ID Query reports. The table below incudes the logic for each Cognos report. Data items marked with an asterisk (*) are data items that PHO extracts from iPHIS, but are not included in ID Query data. COVID-19 data were extracted directly from CCM until June, 2024. For details on the CCM reports and Cognos reports used please contact data@oahpp.ca.

Table 1a. Cognos Report Definitions Used to Generate ID Query Case Data

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
ID*	[STD Encounters Reporting].[STD Encounter Details].[STD Encounter ID]	[STD Encounters Reporting].[STD Encounter Details].[STD Encounter ID]	[Basic OM Case Reporting].[OM Case Details].[Case ID]	[STD Encounters Reporting].[STD Encounter Details].[STD Encounter ID]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information]. [Episode ID]	[OM Case Lab Reporting].[OM Case Details].[OM Case ID]
Age*	_round(_days_ between([STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status Date], [STD Encounters Reporting].[Client Info].[Client DOB])/365.25, 4)	_round(_days_ between([STD Encounters Reporting].[STD Encounter Details].[Encounter Date], [STD Encounters Reporting].[Client Info].[Client DOB])/365.25, 4)	[Basic OM Case Reporting].[OM Case Details].[Age At Time of Illness]	[STD Encounters Reporting].[STD Encounter Details].[Age At Time of Illness]	_round(_days_ between([Basic TB Episode Reporting].[TB Episode Details and Reporting Information]. [Diagnosis Date], [Basic TB Episode Reporting].[Client Info].[Client DOB])/365.25, 4)	[OM Case Lab Reporting].[OM Case Details].[Age At Illness]
Sex	[STD Encounters Reporting].[Client Info].[Client Gender]	[STD Encounters Reporting].[Client Info].[Client Gender]	[Basic OM Case Reporting].[Client Info].[Client Gender]	[STD Encounters Reporting].[Client Info].[Client Gender]	[Basic TB Episode Reporting].[Client Info].[Client Gender]	[OM Case Lab Reporting].[OM Case Details].[Client Gender]

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
Disease	Disease set to 'AIDS'	Disease set to 'HIV'	[Basic OM Case Reporting].[OM Case Details].[Disease Description]	[STD Encounters Reporting].[STD Encounter Diagnosis].[Disease]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Disease Description]	[OM Case Lab Reporting].[OM Case Details].[Disease Description]
Expression used in Disease				CASE WHEN [Disease] in ('SYPHILIS, LATE LATENT OR OF UNKNOWN DURATION') THEN 'SYPHILIS, LATE LATENT' ELSE [Disease] END		
Agent	[STD Encounters Reporting].[STD Encounter Diagnosis].[Aetiologic Agent]	[STD Encounters Reporting].[STD Encounter Diagnosis].[Aetiologic Agent]	[Basic OM Case Reporting].[OM Case Details].[Aetiologic Agent Description]	[STD Encounters Reporting].[STD Encounter Diagnosis].[Aetiologic Agent]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Aetiologic Agent]	[OM Case Lab Reporting].[OM Case Details].[Aetiologic Agent Name]
Classification	[STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status]	[STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status]	[Basic OM Case Reporting].[OM Case Details].[Classification Description]	[STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosis Status Description]	[OM Case Lab Reporting].[OM Case Details].[Classification Description]

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
Date	[STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status Date]	[STD Encounters Reporting].[STD Encounter Details].[Encounter Date]	[Basic OM Case Reporting].[OM Case Details].[Accurate Episode Date]	[STD Encounters Reporting].[STD Encounter Details].[Accurate Episode Date]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosis Date]	[OM Case Lab Reporting].[Test Information].[Collection Date]
HUcode	[STD Encounters Reporting].[STD Encounter Details].[Diagnosing Health Unit Area Number]	[STD Encounters Reporting].[STD Encounter Details].[Diagnosing Health Unit Area Number]	[Basic OM Case Reporting].[OM Case Details].[Diagnosing Health Unit Area Number]	[STD Encounters Reporting].[STD Encounter Details].[Diagnosing Health Unit Area Number]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosing Health Unit Area Number]	[OM Case Lab Reporting].[OM Case Details].[Diagnosing Health Unit Number]
Updated HUCODE (Expression used in HUCode)	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END	CASE WHEN [HUCode] in (2227, 2234) THEN 7652 WHEN [HUCode] in (2235, 2255) THEN 7653 WHEN [HUCode] in (2256,2263) THEN 7654 WHEN [HUCode] in (2238, 2241, 2243) THEN 7655 ELSE [HUCode] END

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
Count	Count set to ‘1’	Count set to ‘1’	Count set to ‘1’	Count set to ‘1’	Count set to ‘1’	Count set to ‘1’
Age 90+	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14' WHEN [Age] >= 15 and [Age] <20 THEN '*15-19' WHEN [Age] >= 20 and [Age] <25 THEN '*20-24' WHEN [Age] >= 25 and [Age] <30 THEN '*25-29' WHEN [Age] >= 30 and [Age] <35 THEN '*30-34' WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14' WHEN [Age] >= 15 and [Age] <20 THEN '*15-19' WHEN [Age] >= 20 and [Age] <25 THEN '*20-24' WHEN [Age] >= 25 and [Age] <30 THEN '*25-29' WHEN [Age] >= 30 and [Age] <35 THEN '*30-34' WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14' WHEN [Age] >= 15 and [Age] <20 THEN '*15-19' WHEN [Age] >= 20 and [Age] <25 THEN '*20-24' WHEN [Age] >= 25 and [Age] <30 THEN '*25-29' WHEN [Age] >= 30 and [Age] <35 THEN '*30-34' WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14' WHEN [Age] >= 15 and [Age] <20 THEN '*15-19' WHEN [Age] >= 20 and [Age] <25 THEN '*20-24' WHEN [Age] >= 25 and [Age] <30 THEN '*25-29' WHEN [Age] >= 30 and [Age] <35 THEN '*30-34' WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14' WHEN [Age] >= 15 and [Age] <20 THEN '*15-19' WHEN [Age] >= 20 and [Age] <25 THEN '*20-24' WHEN [Age] >= 25 and [Age] <30 THEN '*25-29' WHEN [Age] >= 30 and [Age] <35 THEN '*30-34' WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	CASE WHEN [Age At Time of Illness] between 0 and 0.999 THEN '*<1' WHEN [Age At Time of Illness] >= 1 and [Age At Time of Illness] <5 THEN '*01-04' WHEN [Age At Time of Illness] >= 5 and [Age At Time of Illness] <10 THEN '*05-09' WHEN [Age At Time of Illness] >= 10 and [Age At Time of Illness] <15 THEN '*10-14' WHEN [Age At Time of Illness] >= 15 and [Age At Time of Illness] <20 THEN '*15-19' WHEN [Age At Time of Illness] >= 20 and [Age At Time of Illness] <25 THEN '*20-24'

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age At Time of Illness] >= 25 and [Age At Time of Illness] <30 THEN '*25-29'
	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age At Time of Illness] >= 30 and [Age At Time of Illness] <35 THEN '*30-34'
	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	
	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age At Time of Illness] >= 35 and [Age At Time of Illness] <40 THEN '*35-39'
	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	
	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age At Time of Illness]>= 40 and [Age At Time of Illness] <45 THEN '*40-44'
	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age At Time of Illness] >= 45 and [Age At Time of Illness] <50 THEN '*45-49'
	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	
	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age At Time of Illness] >= 50 and [Age At Time of Illness] <55 THEN '*50-54'
	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
	WHEN [Age] >= 90 and [Age] <121 THEN '*90+' ELSE '*Unknown' END	WHEN [Age] >= 90 and [Age] <121 THEN '*90+' ELSE '*Unknown' END	WHEN [Age] >= 90 and [Age] <121 THEN '*90+' ELSE '*Unknown' END	WHEN [Age] >= 90 and [Age] <121 THEN '*90+' ELSE '*Unknown' END	WHEN [Age] >= 90 and [Age] <121 THEN '*90+' ELSE '*Unknown' END	WHEN [Age At Time of Illness] >= 55 and [Age At Time of Illness] <60 THEN '*55-59' WHEN [Age At Time of Illness] >= 60 and [Age At Time of Illness] <65 THEN '*60-64' WHEN [Age At Time of Illness] >= 65 and [Age At Time of Illness] <70 THEN '*65-69' WHEN [Age At Time of Illness] >= 70 and [Age At Time of Illness] <75 THEN '*70-74' WHEN [Age At Time of Illness] >= 75 and [Age At Time of Illness] <80 THEN '*75-79' WHEN [Age At Time of Illness] >= 80 and [Age At Time of Illness] <85 THEN '*80-84'

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
						WHEN [Age At Time of Illness]>= 85 and [Age At Time of Illness] <90 THEN '*85-89' WHEN [Age At Time of Illness] >= 90 and[Age At Time of Illness] <121 THEN '*90+' ELSE '*Unknown' END
[Before Reportable] <> 'YES'			CASE WHEN [Disease] = 'MPOX' AND [Date] < 2022-06-16 THEN 'YES' WHEN [Disease] = 'ANAPLASMOSIS' AND [Date] < 2023-07-01 THEN 'YES' WHEN [Disease] = 'BABESIOSIS' AND [Date] < 2023-07-01 THEN 'YES' WHEN [Disease] = 'POWASSAN' AND [Date] < 2023-07-01 THEN 'YES' WHEN [Disease] = 'CANDIDA AURIS (C. AURIS) - INFECTION'			

Query Case Data Field	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
			AND [Date] < 2025-01-01 THEN 'YES' ELSE 'NO' END			
[Probable]= 'YES'				CASE WHEN [STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status] in ('CONFIRMED') THEN 'YES' WHEN [Disease] <> 'SYPHILIS, LATE CONGENITAL' AND [STD Encounters Reporting].[STD Encounter Diagnosis].[Diagnosis Status] in ('PROBABLE') THEN 'YES' ELSE 'NO' END		

Table 1b. Cognos Report Definitions Used to Generate ID Query Case Data

Query Case Data Field	Hepatitis B, chronic	Tuberculosis infection, latent Report
ID*	[Basic OM Case Reporting].[OM Case Details].[Case ID]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode ID]
Age*	[Basic OM Case Reporting].[OM Case Details].[Age At Time of Illness]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Client Age at Time of Illness]
Sex	[Basic OM Case Reporting].[Client Info].[Client Gender]	[Basic TB Episode Reporting].[Client Info].[Client Gender]
Disease	Set to 'HEPATITIS B, CHRONIC' (This is hard coded in based on the only cases in the report being those with a disease description of HEPATITIS B cases)	Set to 'LTBI'
Agent	[Basic OM Case Reporting].[OM Case Details].[Aetiologic Agent Description]	Set to 'LTBI'
Classification	Set to 'CONFIRMED' (This is hard coded in based on the only cases in the report being those hepatitis B cases with a classification of 'CARRIER' to indicate that they are chronic hepatitis B cases)	Set to 'CONFIRMED'
Date	[Basic OM Case Reporting].[OM Case Details].[Accurate Episode Date]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode Accurate Date]
HUcode	[Basic OM Case Reporting].[OM Case Details].[Diagnosing Health Unit Area Number]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosing Health Unit Area Number]
Count	Count set to '1'	Count set to '1'
Age 90+	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14'	CASE WHEN [Age] between 0 and 0.999 THEN '*<1' WHEN [Age] >= 1 and [Age] <5 THEN '*01-04' WHEN [Age] >= 5 and [Age] <10 THEN '*05-09' WHEN [Age] >= 10 and [Age] <15 THEN '*10-14'

Query Case Data Field	Hepatitis B, chronic	Tuberculosis infection, latent Report
	WHEN [Age] >= 15 and [Age] <20 THEN '*15-19'	WHEN [Age] >= 15 and [Age] <20 THEN '*15-19'
	WHEN [Age] >= 20 and [Age] <25 THEN '*20-24'	WHEN [Age] >= 20 and [Age] <25 THEN '*20-24'
	WHEN [Age] >= 25 and [Age] <30 THEN '*25-29'	WHEN [Age] >= 25 and [Age] <30 THEN '*25-29'
	WHEN [Age] >= 30 and [Age] <35 THEN '*30-34'	WHEN [Age] >= 30 and [Age] <35 THEN '*30-34'
	WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'	WHEN [Age] >= 35 and [Age] <40 THEN '*35-39'
	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'	WHEN [Age] >= 40 and [Age] <45 THEN '*40-44'
	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'	WHEN [Age] >= 45 and [Age] <50 THEN '*45-49'
	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'	WHEN [Age] >= 50 and [Age] <55 THEN '*50-54'
	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'	WHEN [Age] >= 55 and [Age] <60 THEN '*55-59'
	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'	WHEN [Age] >= 60 and [Age] <65 THEN '*60-64'
	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'	WHEN [Age] >= 65 and [Age] <70 THEN '*65-69'
	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'	WHEN [Age] >= 70 and [Age] <75 THEN '*70-74'
	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'	WHEN [Age] >= 75 and [Age] <80 THEN '*75-79'
	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'	WHEN [Age] >= 80 and [Age] <85 THEN '*80-84'
	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'	WHEN [Age] >= 85 and [Age] <90 THEN '*85-89'
	WHEN [Age] >= 90 and [Age] <121 THEN '*90+'	WHEN [Age] >= 90 and [Age] <121 THEN '*90+'
	ELSE '*Unknown'	ELSE '*Unknown'
	END	END

Table 2a. Cognos Report Filters Used to Generate ID Query Case Data

Filters	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
Date	[STD Encounters Reporting].[STD Encounter Diagnosis]. [Diagnosis Status Date] >=2016-12-31	[STD Encounters Reporting].[STD Encounter Details]. [Encounter Date] >= 2016-01-01	[Basic OM Case Reporting].[OM Case Details].[Accurate Episode Date] >= 2016-01-01	[STD Encounters Reporting].[STD Encounter Details]. [Accurate Episode Date] >= 2016-01-01	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information]. [Diagnosis Date] > 2016-01-01	[OM Case Lab Reporting].[Test Information].[Collection Date]>=2018-05-01 Note: This filter is applied after auto aggregation
Classification/ Diagnosis Status	[STD Encounters Reporting].[STD Encounter Diagnosis]. [Diagnosis Status] in ('CONFIRMED')	See 'Case' filter	[Basic OM Case Reporting].[OM Case Details].[Classification Description] in ('CONFIRMED', 'PROBABLE')	See 'Probable' filter	See 'Case' filter	[OM Case Lab Reporting].[OM Case Details].[Classification Description]= 'CONFIRMED'
Health Unit	[STD Encounters Reporting].[STD Encounter Details]. [Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[STD Encounters Reporting].[STD Encounter Details]. [Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[Basic OM Case Reporting].[OM Case Details].[Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[STD Encounters Reporting].[STD Encounter Details]. [Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information]. [Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[OM Case Lab Reporting].[OM Case Details].[Diagnosing Health Unit Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')

Filters	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
Case	[STD Encounters Reporting].[STD Encounter Details].[Encounter Type] = 'CASE'	[STD Encounters Reporting].[Confirmed Case] OR [STD Encounters Reporting].[Carrier]	[Basic OM Case Reporting].[Case]	[STD Encounters Reporting].[STD Encounter Details].[Encounter Type] = 'CASE'	[Basic TB Episode Reporting].[Confirmed Cases] OR [Basic TB Episode Reporting].[Suspect Cases]	[OM Case Lab Reporting].[Case]
Agent			[Basic OM Case Reporting].[OM Case Details].[Aetiologic Agent Description] not in ('FRI', 'SRI')			
Disposition/ Episode Status/ Encounter Status	[STD Encounters Reporting].[STD Encounter Details].[Encounter Status] not in ('CLOSED - DUPLICATE - DO NOT USE', 'CLOSED - ENTERED IN ERROR')	[STD Encounters Reporting].[STD Encounter Details].[Encounter Status] not in ('CLOSED - DUPLICATE - DO NOT USE', 'CLOSED - ENTERED IN ERROR')	[Basic OM Case Reporting].[OM Case Details].[Disposition Description] not in ('CLOSED - DUPLICATE - DO NOT USE', 'DOES NOT MEET DEFINITION', 'ENTERED IN ERROR')	[STD Encounters Reporting].[STD Encounter Details].[Encounter Status] not in ('CLOSED - DUPLICATE - DO NOT USE', 'CLOSED - ENTERED IN ERROR')	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode Status Description] not in ('CLOSED - DUPLICATE - DO NOT USE', 'CLOSED - ENTERED IN ERROR', 'OPEN - ENTERED IN ERROR')	[OM Case Lab Reporting].[OM Case Details].[Disposition Description] not in('CLOSED - DUPLICATE - DO NOT USE', 'DOES NOT MEET DEFINITION', 'ENTERED IN ERROR')
Disease filter	[STD Encounters Reporting].[STD Encounter Diagnosis].[Disease] = 'HIV/AIDS'	[STD Encounters Reporting].[STD Encounter Diagnosis].[Disease] = 'HIV/AIDS'	[Basic OM Case Reporting].[OM Case Details].[Disease Description] not in ('ADVERSE VACCINE EVENT', 'CLOSTRIDIUM DIFFICILE INFECTION (CDI)', 'GASTROENTERITIS,	[STD Encounters Reporting].[STD Encounter Diagnosis].[Disease] not in ('HIV/AIDS', 'CYTOMEGALOVIRUS	See Case Filter	[OM Case Lab Reporting].[OM Case Details].[Disease Description] in ('CARBAPENEMASE-PROD ENTEROBACTERIA

Filters	AIDS Report	HIV Report	OM Report	STI Report	TB Report	CPE Report
			INSTITUTIONAL OUTBREAKS', 'RESPIRATORY INFECTION, INSTITUTIONAL OUTBREAKS', 'UNKNOWN', 'GERTSMANN STRAUSSLER-SCHEINKER SYNDROME', 'HEPATITIS D', 'FATAL FAMILIAL INSOMNIA', 'KURU', 'CARBAPENEMASE-PROD ENTEROBACTERIACEAE (CPE)-UNSPECIFIED', 'CARBAPENEMASE-PROD ENTEROBACTERIACEAE (CPE)-INFECTION', 'CARBAPENEMASE-PROD ENTEROBACTERIACEAE (CPE)-COLONIZATION', 'YELLOW FEVER, 'MALARIA', 'CANDIDA AURIS (C. AURIS) - COLONIZATION','CANDIDA AURIS (C. AURIS) - UNSPECIFIED')	INFECTION, CONGENITAL', 'HERPES, NEONATAL')		CEAE (CPE)-COLONIZATION', 'CARBAPENEMASE-PROD ENTEROBACTERIACEAE (CPE)-INFECTION', 'CARBAPENEMASE-PROD ENTEROBACTERIACEAE (CPE)-UNSPECIFIED')
Custom filter						[Dup Clients]=[Dup Subtype]
Custom filter						[Dup Cases]=1

Table 2b. Cognos Report Filters Used to Generate ID Query Case Data

Filters	Hepatitis B, chronic	Tuberculosis infection, latent Report
Date	[Basic OM Case Reporting].[OM Case Details].[Accurate Episode Date] >= 2016-01-01	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode Accurate Date] >= 2016-01-01
Classification/Diagnosis Status	[Basic OM Case Reporting].[OM Case Details].[Classification Description] = ('CARRIER')	Using an Except function to remove any LTBI with a diagnosis status as below: [Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosis Status Description] in ('DO NOT USE', 'DOES NOT MEET DEFINITION')
Health Unit	[Basic OM Case Reporting].[OM Case Details].[Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Diagnosing Health Unit Area Description] not in ('MOHLTC - PHD (0)', 'MUSKOKA-PARRY SOUND (2245) - DO NOT USE')
Case	[Basic OM Case Reporting].[Case]	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode Type Description] = 'LTBI'
Disposition/Episode Status/Encounter Status	[Basic OM Case Reporting].[OM Case Details].[Disposition Description] not in ('CLOSED - DUPLICATE - DO NOT USE', 'DOES NOT MEET DEFINITION', 'ENTERED IN ERROR')	[Basic TB Episode Reporting].[TB Episode Details and Reporting Information].[Episode Status Description] not in ('CLOSED - DUPLICATE - DO NOT USE', 'CLOSED - ENTERED IN ERROR', 'OPEN - ENTERED IN ERROR')
Disease filter	[Basic OM Case Reporting].[OM Case Details].[Disease Description] = ‘HEPATITIS B’	See Case Filter

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