Manitoba Public Health Information Management System

Report User Guide

MB4200
HIV Connection to Care Report

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Definitions for Report User Guides:

a. "Authorized Organization" means an organization (an RHA, an organization supporting First Nations communities, or other organization) with whom Manitoba has entered into an agreement in order to facilitate access to PHIMS,

b. "Authorized User" means an employee, agent or contractor of an Authorized Organization (the employer) permitted access to PHIMS,

c. "Service Delivery Location (SDL)" means a public health office or a Community Health Centre,

d. "User Role" means the specific role or roles to which an Authorized User is assigned and which prescribes what Information the Authorized User is permitted to access, use and disclose.

e. The "Agreement" refers to Information Sharing Agreement (ISA) signed between the respective organization(s) or community of the reader and Manitoba Health.

Data Type		Explanation
Aggregate, no identifiable data	=	Summary data with no client identifiers
Aggregate, no identifiable data, but possible small population sensitivity or Provider / Org Sensitivity	=	Summary data with no client identifiers However, there are sensitivities in the data where small numbers could identify clients, communities or providers
Line Level, Single client identifiable data	=	Includes client identifiers of an individual client
Line level, Multi client identifiable data	=	Includes client identifiers of a list of multiple clients

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1. Background

1.1. Data Access Scope for Investigations in PHIMS

Access to individual client case investigations within the investigation module in PHIMS is based on permissions for specific encounter groups (e.g. Sexually Transmitted and Blood-borne Infections, Communicable Diseases, and Tuberculosis).

In Manitoba, Authorized Users ("users") of the investigations module have access to all investigations in encounter groups assigned to the logged in user for all PHIMS clients. This was decided as a result of a number of considerations, including:

- Clients can receive services at service delivery locations other than their default public health office, either within or outside their home health region,
- Cases and outbreaks of vaccine preventable diseases also cross regional boundaries and may involve multiple public health provider organizations,
- It is important to be aware of all concurrent or previous investigations for a client within an encounter group, regardless of which organization is responsible for the investigation.

However, for some reports with access to line-level client data, users may only run reports for investigations associated with their organization.

1.2. Privacy/Data Sensitivity

This report is set at the Regional level. This means users who have access to this report can only "view" data for their own regions or organization. This report security is also based on the encounter group access of the logged in user (i.e. STBBI). This means this report will only display investigation information for diseases included in the encounter groups.

The report includes data at the level of the individual; it contains personal health information (PHIN and Date of Birth).

1.3. Permitted Disclosures

- Disclosure of the investigation information is permitted within your respective authorized organization.
- The Government of Canada's Authorized Users may, in accordance with the terms of the Agreement, disclose the above information to First Nations communities they are supporting.
- Disclosures to the public or outside of your respective authorized organization are not permitted unless specifically dictated by the Agreement.

1.4. Data Stewardship

Users who have access to this report should have some background in report generation and basic epidemiology, and are responsible for the following:

- Users may only run this report for their designated Health Region or Authorized Organization.
- The data is intended to be used by public health providers for case and contact management only. No disclosure of information to non-PHIMS users or non-Public Health providers is permitted,
- Users ensure data is managed securely and appropriately according to organizational guidelines.

Users who have access to this report will be subject to PHIMS audits documenting which user generated the report and on what date.

2. Purpose

The purpose of the HIV Connection to Care report is to support monitoring of HIV care engagement.

2.1. Populations Included in the Report

Report will only include investigations the user is authorized to see based on organization assignment and the users logged in organization.

All regional health authorities (RHAs) within Manitoba are defined by geographic boundaries. However, the First Nations Inuit Health Branch (FNIHB) region is not geographically contained (ie. the case numbers on this report reflect cases that are provincially distributed, not just those within the geographic boundaries of a single RHA).

2.2. Recommended Uses for this Report

This report will be used to identify the current cohort of persons living with HIV in Manitoba and monitor their connection to care.

To identify individuals who require follow-up to establish care connections.

To monitor, support and bring forward follow-up actions on HIV investigations that require public health support.

The report will be available to

- Manitoba Health
- Regional Health Organizations
- First Nations Health Providers

3. Selecting the Report Parameters

You can generate this report from the "Standard Reports" section in PHIMS.

This is a statistical report under Case: Manitoba Reports

- Ensure the contact investigation is in context,
- Click **Reporting & Analysis > Reports** (LHN) or the **Reporting** tile on the dashboard
- Open the "Case Report Folder" by expanding the collapsible panel
- Select **MB4200 HIV Connection to Care** *hyperlink*
- Enter the **Report Date (Rcvd) Start** to **Report Date (Rcvd) End** (required). Report Date (Rcvd) Start and Report Date (Rcvd) End will be used to filter which investigations to include on the report.
- Select the **Encounter Group** (required). Encounter group is the grouping of disease(s) based on the characteristics of the disease and other factors i.e. STBBI. Sexually Transmitted and Bloodborne Infections is the only option; selected automatically as the default.
- Select the **Disease** (required). Filtered by Encounter Group. HIV is the only option; selected automatically as the default.
- Select the **Classification Group** (required). Case classifications only.
- Select the **Investigation Status** (optional) i.e. Closed, Open or Transferred.
- Select the **Investigator Provider Organization** (required). Limited to those Jurisdictional Organizations included in the tree of Organizations for the logged-on organization that have active workgroups.
- Select the **Investigator Organization** (required). Limited to those Jurisdictional Organizations included in the tree of Organizations for the logged-on organization that have active workgroups.
- Select the **Display only investigations with Public health support to engage with care intervention** (optional) i.e. Yes, No, Blank. Defaults to 'No'.
- Select the **Next PH Support follow up date** (optional). Input date values will only be applicable if 'yes' is selected for the parameter, 'Display only investigations with Public health support to engage with care intervention'.
- Click **Generate Report Now**.

Parameter Definitions:

Parameter Name	Data Type	Description	Validation
Report Date (Rcvd) Start	Date	Earliest Report Date received	Required
Report Date (Rcvd) End	Date		Required
Encounter Group	Droplist	Sexually Transmitted and Bloodborne Infections is the only option; selected automatically as the default.	Required
Disease	Droplist	Filtered by Encounter Group. HIV is the only option; selected automatically as the default.	Required
Classification	Multi-select List	Case classifications only (excludes Not a Case)	Required
Investigation Status	Multi-select List	Closed, Open or Transferred	Optional
Investigaor Provider Organization	Multi-select List	Limited to those Jurisdictional Organizations included in the tree of Organizations for the logged-on organization that have active workgroups. (Correctional Service Canada, FNIH, Interlake-Eastern Health, Interlake-Eastern Home Care, MB Health, MB Public Health, Northern Health, Prairie Mountain Health, Southern Health - Sante Sud, Winnipeg Health (including Churchill)	Required
Investigator Organization	Multi-select List	Limited to those Jurisdictional Organizations included in the tree of Organizations for the logged-on organization that have active workgroups. (Correctional Service Canada, FNIH, Interlake-Eastern Health, Interlake-Eastern Home Care, MB Health, MB Public Health, Northern Health, Prairie Mountain Health, Southern Health - Sante Sud, Winnipeg Health (including Churchill)	Required
Display only investigations with public health support to engage with care intervention	Droplist	Yes, No, Blank. Defaults to 'No'.	Optional

Next PH support follow up date Start	Date	Input date values will only be applicable if 'Yes' is selected for the parameter, 'Display only investigations with Public health support to engage with care intervention'. If only this Start Date is entered (no End Date), only investigations on or after the Start Date should display on the report output.	Optional
Next PH support follow up date End	Date	Input date values will only be applicable if 'Yes' is selected for the parameter, 'Display only investigations with Public health support to engage with care intervention'. If only this End Date is entered (no Start Date), only investigations on or before the End Date should display on the report output.	Optional

4. Report Output

Field Name	Description
Investigation ID	Unique Investigation identifier
Date of Birth	yyyy-mm-dd
Gender	Female, Male, Undifferentiated
PHIN	Client's personal health identification number
Date of Death	Client's date of death (if applicable)
Earliest Rpt Dt (Rcvd)	Earliest report date
Status	Investigation Status; Open or Closed.
Disease	Will display HIV disease only. In the case of co-infections, the other disease(s) will display under STBBI history.
Further Differentiation	Further differentiation epi marker
WGS Cluster	WGS cluster epi marker
Most recent HIV viral load – result interpretation	Display lab result interpretation; if no result, then column is blank Lab test = HIV RNA (Quantitative RT-PCR).
Most recent HIV viral load date	Use specimen collection date. If specimen collection date is 1900/01/01 then use lab result date
Previous HIV viral load – result interpretation	Display the next most recent (previous) lab result interpretation
Previous HIV viral load date	Use specimen collection date. If specimen collection date is 1900/01/01 then use lab result date
Number of days since previous HIV viral load	(Most Recent HIV viral load date) minus (Previous HIV viral load date). If (Previous HIV viral load date) is blank, no result displayed
Prov Outbreak Code	Provincial outbreak code

PHIMS Outbreak ID	Display PHIMS outbreak ID if HIV investigation is linked to an outbreak. If the investigation is part of multiple outbreaks, the applicable outbreak IDs will display separated by a comma.
Current Stage	Current disease stage
Initial Stage Date	Date Initial Disease Stage was entered, where Stage is NOT 'null', 'Unknown or Undetermined'
Classification	Any case classification code excluding 'Not a case'
Classification Date	Classification date
Disposition	Investigation Disposition
Provider Organization	Display name of the provider organization associated with the active primary investigator organization
Primary Investigator Organization @30 days	The display name of the primary investigator organization assigned 30 days after the investigation was created. Will display latest organization if not older than 30 days
Primary Investigator Organization	Current primary investigator organization
Primary Investigator	Current primary investigator name. Name will display as [Last Name], [First Name]
Sensitive Env/Occ	Sensitive Environment/Occupation from "Investigation Information"
Sensitive Env/Occ Details	Sensitive Environment/Occupation details
CD4 Count, first (absolute) – Observation Value	If Sign or Symptom "CD4 count, first (absolute)" is Present = 'Yes', then display Observation Value. If Observation Value is missing, display 'Missing' If Sign or Symptom "CD4 count, first (absolute)" is Present = 'Unknown', display 'Unknown'
CD4 Count, first (absolute) Observation Date	Observation date displayed. Observation date in PHIMS is a mandatory field
Lab SDL is PH	Display an 'X' if the ordering SDL of the earliest lab is a public health office
Last HIV negative test date	Display start date if the intervention= STBBI recommended interventions and testing, subtype=HIV testing recommended, outcome=tested negative is entered for the investigation
Risk Factor flags (any active on the client level or any investigation)	
No risk factors	If no risk factors recorded associated to the current investigation, an "X" will display
Pregnancy RF	Display 'yes' and concatenate first 100 characters of the additional information (eg. EDC information) if a pregnancy risk factor is included in the client profile for any investigation within the past 12 months (from the current date the report is run) that has a response of "Yes". If more than one risk factor meets the criteria, the one created most recently will be used for the report.
Test Reason Pregnant	Display 'yes' if **any** lab result for the client **on any investigation** includes "prenatal" or "pregnant" in text in the 12 months prior to the

	current date the report is run. (i.e. not just the most recent result – any result; and could be on any investigation or at the client level)
Housing RF	If the client has an active risk factor of this type, a "yes" will display Display additional details recorded for this risk factor. (Note: 'active' means response to risk factor = 'Yes' at any point in time, not based on dates. This is applicable to the other risk factors noted below)
Injection Drug Use	If the client has an active risk factor of this type, a "yes" will display. Display additional details recorded for this risk factor
Incarceration	If the client has an active risk factor of this type, a "yes" will display
Goods given for sex	If the client has an active risk factor of this type, a "yes" will display
Received goods for sex	If the client has an active risk factor of this type, a "yes" will display
Men sex w men	If the client has an active risk factor of this type, a "yes" will display
Shared needles or other injection equip	If the client has an active risk factor of this type, a "yes" will display
Substance use non-IDU during sex	If the client has an active risk factor of this type, a "yes" will display. Display additional details recorded for this risk factor
Mental health Issue (underlying)	If the client has an active risk factor of this type, a "yes" will display. Display additional details recorded for this risk factor
Probable acquisition in another country	If the client has an active risk factor of this type, a "yes" will display
STBBI Investigation History	
STBBI case investigations in past 3 years	Display all other STBBI case investigations in past 3 years from the current date (disease/classification/earliest report date), excluding provider form investigations, or if classification="not a case"
STBBI contact investigations in past 3 years	Display all other STBBI contact investigations in past 3 years from the current date (disease/classification/earliest report date)
Intervention: Referral/Notification – MB HIV Program	
If more than one of this intervention exists, the most recent will display based on start date.	
Outcome	Outcome (display selected value, if intervention not completed, should be blank outcome, start and end dates)
Start date	Start date of intervention
End date	End date of intervention
Most recent comment	Most recent comment added for intervention
Most recent comment date	Date of most recent comment
Intervention: Referral notification – public health support to engage with care	
If more than one of this intervention exists the most recent will display based on start date.	
Outcome	Outcome (display selected value, if intervention not completed, should be blank outcome, start and end dates)
Start date	Start date of intervention
Next follow up date	Next follow up date for intervention
Most recent comment	Most recent comment added for intervention

Most recent comment date	Date of most recent comment

Intervention: Public health act follow up – non-disclosure assessment

If more than one of this intervention exists, the most recent will display based on start date.

Outcome	Outcome (display selected value, if intervention not completed, should be blank outcome, start and end dates)
Start date	Start date of intervention
Most recent comment	Most recent comment added for intervention
Most recent comment date	Date of most recent comment

Intervention: Treatment recommended

If more than one of this intervention exists, the most recent will display based on start date.

Outcome	Outcome (display selected value, if intervention not completed, should be blank outcome, start and end dates)
Start date	Start date of intervention
Most recent comment	Most recent comment added for intervention
Most recent comment date	Date of most recent comment

5. Report is assigned to the following User Roles:

- MB_CDI_MEDICAL_OFFICER
- MB_CDI_EPI_ANALYST
- MB_CDI_PUBLIC HEALTH_COORDINATOR _AND_EPI_DOCUMENTATION

6. Report Description

Report Output: The report will be generated in Microsoft Excel.