



Shared health
Soins communs
Manitoba

Public Health Information Management System (PHIMS)



Regional Information Session Cadham Lab - PHIMS Interface July 2020

Target Audience

1. Who should be on this call?
 - Public Health Managers
 - CD Coordinators
 - Public Health Clerks
 - Public Health Nurses
2. Who doesn't need to attend?
 - Non-PHIMS users (Outbreak Response)

Outline

- **Welcome**
- **Benefits of CPL Interface**
- **Lab Workload Report – ‘How To’**
- **Viewing Cadham lab results in PHIMS (demo)**
- **Communication Process**
- **Reassignment Process**
- **Clinical Operations Reports**
- **Summary**
- **Questions**

Purpose

1. CPL – PHIMS Interface GO-Live Date = July 16, 2020
2. Support regions to be ready for this change
3. Reminder of support via Service Desk “PHIMS Support”

Benefits of CPL Interface

The interface will allow lab results to be sent electronically into PHIMS in real-time, providing the following benefits:

- Eliminate manual entry of CPL lab results into PHIMS by Manitoba Health Surveillance Unit (MHSU)
- Reduce manual data entry errors
- Reduce delays with MHSU referring labs/investigations to regions
- Allow MHSU to be better prepared to keep up with increased demand
- Reduce manual MHSU tasks such as: categorizing, filing, and faxing

Lab Workload Report

1. PHIMS - MB4210B Lab Workload Report


MB4210B- Lab Workload Report

Report: MB4120B-Lab Workload


* Report Output:

Excel

* Date Entered From:

yyyy/mm/dd 

* Date Entered To:

yyyy/mm/dd 

Reflects the date the lab was entered by the MHSU. If current date is selected in both from and to, data returned will up until the time the report was generated. Users will need to generate the report at the end of the current day or run the report the following day to return all labs entered with in that date parameter

* Encounter Group:

Available :

Communicable Diseases
Outbreak Response
Sexually Transmitted and Bloodborne Infections
Tuberculosis

* Selected :

Encounter groups available in the pick list will be based on the encounter groups associated with the users logged in role

Disease:

Available :

Active tuberculosis
AIDS
Anaplasmosis
Anthrax
Babesiosis
Blastomycosis
Botulism

Selected :

If no disease is selected, all labs for diseases associated with selected encounter group will be returned. If diseases are found in more than one encounter group (e.g. Hep B, C are in both STBBI and CD encounter group), the disease displayed will correspond to the encounter group used when the lab was created. E.g. if Hep B lab was created within the CD encounter group, it will not display if only STBBI encounter group is selected

* Investigator Organization:

Available :

Interlake-Eastern Health
Unassigned

* Selected :

Investigator Organizations available will be based on the users logged in organization. For most users that will be one region and 'unassigned'. Unassigned means that the lab was not assigned to an organization and workgroup at lab entry, nor was it made pertinent to an investigation.

Viewing Lab results

1. QRC 10.0b - View Received Report

PHIMS Website

The Public Health Information Management System

The Public Health Information Management System (PHIMS) is a secure, integrated electronic public health record designed to assist public health practitioners in Manitoba to manage:

The QRCs have now been updated

VERSION 3.2.3



0.0 Getting Started



1.0 Managing Client Records



2.0 Recording Individual Immunizations



3.0 Mass Immunization



4.0 Inventory



5.0 Reports



6.0 Adverse Events Following Immunization



7.0 Investigations



8.0 MOH Communications Log



9.0 Forecaster



10.0 Laboratory inbox

Viewing Lab results in PHIMS

The screenshot shows the PHIMS St... interface. At the top, there is a logo for PANORAMA Public Health Solution for Disease Surveillance and Management. Below the logo, there are three tabs: WORK MGMT, INVESTIGATIONS (selected), and IMMUNIZATION. The main content area is titled "Search Investigations - Basic" and contains a "Search Criteria" section. The search criteria section includes a note about wildcard characters and a "Disease / Basic Criteria" section. The "Search by:" section contains several fields: Investigation ID (text input), Investigation Group (dropdown), Outbreak Group (dropdown with a "Search Outbreak" button), Disease Event ID (text input), Report Date (Received) Range (date range input with a calendar icon), Encounter Group (text input), Disease (dropdown), Authority (dropdown), and Classification (dropdown). On the left side, there is a navigation menu with categories: Recent Work, Search, Investigation, and Lab. The "Lab" category is highlighted with a red box, and its sub-items are: Lab Summary, Electronic Lab Report Inbox, Lab Quick Entry, Encounter Details, Signs & Symptoms, and Outcomes.

QRC 10.0b - View Received Report

Lab summary →

Accession # →

Elect.Lab Report Inbox →

Add Accession # →

Display →

Select client →

View Received Report

**Cadham Provincial Laboratory Surveillance
Unit Reportable Disease Report**



Cadham lab report

Accession #:



Service Delivery Location:

Patient:

Last Name:
Middle:
First Name:
Address:

Ordering Provider:

Name:
Type:
College #:
Alt ID:

Alternate ID:
MHSC:
Birth Date:
Gender:
Alt Source:
Cancel Code:
Insurance Exp Date:
Death Date:
Reserve:
Address Type:
Home Phone:

Specimen Type:
Specimen Site:
Outbreak Code:
Sample Description:
Sample Comment:

Collection Date:
Date Reported:
Specimen Description:
Chart/Clinic/Lab#

Result Name

Result

Result Date

Received Report Details

Encounter Group: Communicable Diseases
Service Delivery Location: Winnipeg Travel Clinic
Ordering Provider: Pierre Plourde (204-782-3185)
Resulting Lab: Cadham Provincial Lab
PH Received Date: 2020 Jun 22 **Lab Report Date/Time:** 2020 Jun 15 14:55 CDT
Accession Number: UC-IMP-29-UAT-011-017a
Inbox: Priority 2
Requisition ID: 211 **Alternate ID:** -
Attached File: -

Inbox Processing Comments

Date	Comments	Recorded By
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Client Details

Health Card: 153482248
Last Name: America **First Name:** Captain **Middle Name:** -
Gender: Male **Date Of Birth:** 1981 Oct 15

Date	Comments	Recorded By
2020 Jun 22	Client Official registry Addr: 103 - 578 Corydon Ave, Winnipeg, MB CA R3L0P1	PERMISSIONS, ALL
2020 Jun 22	CPL SDL: Winnipeg Travel Clinic 204-940-8752	PERMISSIONS, ALL
2020 Jun 22	Home Phone: 204-555-8421	PERMISSIONS, ALL
2020 Jun 22	CPL Client Addr:103 - 578 Corydon Ave, Winnipeg, MB, R3L0P1, CA	PERMISSIONS, ALL
2020 Jun 22	Client Alt ID: Medical Record Number = 43953-W-1-06-1825	PERMISSIONS, ALL
2020 Jun 22	Client Alt ID: Manitoba Health Family Registration Number = 124395	PERMISSIONS, ALL
2020 Jun 22	Manitoba Personal Health Identification Number: 325213047	PERMISSIONS, ALL

Result Details:

Specimen Type / Site: Stool **Collection Date/Time:** 1900 Jan 1 00:00 CDT
Specimen Description: Reason for Testing: DIAGNOSTIC

Test Name: Campylobacter Culture **Test Category:** General

Test Annotations: -

Result Name:	Campylobacter Culture	Sample ID:	-
Result Status:	Final	Result Date:	2020 Jun 15
Result Value:	-	Reference Range:	-
Result Units:	-	Range Type:	-
Interpreted Result:	-		
Flag:	Abnormal	Range Description:	-
Disease	Campylobacteriosis		
Microorganism	Campylobacter species		
Species	Campylobacter jejuni		

Electronic lab report

Communication of lab results within regions

1. Clerk generates Lab Workload Report MB4120B → **QRC 7.2b**
2. Clerk assigns new unassigned labs to Primary Investigator in PHIMS → **QRC 7.5d**
3. Clerk updates Disposition for updated lab reports → “**How to Assign New and Updated Lab Reports**”
4. PHN/CD Coordinator searches in PHIMS to find the **Investigation** assigned to themselves → **QRC 7.1d**
AND/OR
5. PHN/CD Coordinator generates Investigation Search Report MB2701C to find the labs assigned to them → **QRC 7.2d**

Link to above QRC's: <https://phimsmb.ca/resources/training-support-tools/#67-75-7-0-investigations-1581004103>

Updated Lab Reports



Assigned = Updated Lab Reports

To Update Disposition and Disposition Date

Investigation Information [Investigation History](#)

Priority:

* Disposition: Disposition Date: / / [📅](#)
yyyy mm dd

* Status: OPEN * Status Date: 2020 Jul 8

- Update **Disposition** expand dropdown list, select appropriate disposition ie: **"Laboratory results to be reviewed"**
- Update **Disposition date** to current
- Click **Save**

Investigation Information [Investigation History](#)

Priority:

* Disposition: Disposition Date: / / [📅](#)
yyyy mm dd

Reassignment process

Reassignment:

- Regions that have been deployed for CDs and/or STBBIs and/or Covid-19 will complete reassignment in PHIMS
- Regions that have not been deployed in certain modules, reassignment will consist of contacting region, printing or forwarding (from MHSU) a copy of the lab report (and additional relevant documentation) and faxing
- Reassignments should always have a “warm” hand-off. Please phone/email the recipient region to make them aware.
- Refer to the Reassignment Matrix on PHIMS Website
<https://phimsmb.ca/resources/training-support-tools/#67-75-7-0-investigations-1581004103>

Reassignment process

FNIHB PHIMS = None	PMH, NRHA PHIMS = CD/STI/COVID-19	WRHA PHIMS = STI (not including HB)/ COVID-19	IERHA, SH-SS PHIMS = COVID-19
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If referring a lab, determine if the region is using PHIMS for the DISEASE on the lab:

PHIMS region → PHIMS region	PHIMS region → non-PHIMS region
<ul style="list-style-type: none"> Update MHSU address, add/update the phone number Update disposition End date your responsible/investigator org; add the referring responsible/investigator Org 	<ul style="list-style-type: none"> Update MHSU address, add/update the phone number Update disposition End date your responsible/investigator org; add the referring responsible/investigator Org Generate the “<i>View Received Report</i>” in PHIMS; fax and notify the region (& fax additional relevant documentation)
Non-PHIMS region → PHIMS region	Non-PHIMS region → non-PHIMS region
<ul style="list-style-type: none"> Update MHSU address, add/update the phone number Fax “<i>View Received Report</i>” sent by MHSU and notify the region (& fax additional relevant documentation) 	<ul style="list-style-type: none"> Update MHSU address, add/update the phone number Fax “<i>View Received Report</i>” sent by MHSU and notify the region (& fax additional relevant documentation)

Clinical Operations Reports



Clinical Operations Report

Situation	Report	QRC for Reference	User Guide Appendix	Organization/Role Responsible	Frequency
MHSU Reports					
RHA Clerk Reports					
Identifying and assigning new lab results (RHA's)	MB4120B Lab Workload	QRC 7.2b	MB4120B Appendix A	PH Clerk	Minimum daily, follow RHA process
Identifying investigations from external organizations or clinical case investigations	MB2701C Investigation Search	QRC 7.2c	MB2701C Appendix A	PH Clerk	Minimum daily, follow RHA process
Identifying unknown contacts from external organizations	MB23000 Unknown Contacts		MB23000 Appendix A	PH Clerk	Minimum daily, follow RHA process
RHA PHN Reports					
PHN workload – list of open cases and contacts investigations	MB2701C Investigation Search	QRC 7.2d or QRC 7.1d	MB2701C Appendix B	PH Investigator	Minimum daily, follow RHA process
PHN workload - identify unknown contacts for follow-up	MB23000 Unknown Contacts		MB23000 Appendix C	PH Investigator	Minimum daily, follow RHA process
RHA CD Coordinator Reports					
Investigation review – review new referrals, progress on assigned, and ensure all investigations are assigned	MB2701C Investigation Search	QRC 7.2d or QRC 7.1d	MB2701C Appendix A and B (don't select investigator if coordinator not assigned)	CD Coordinator	Daily, follow RHA process for review
Unknown contacts – review new and progress on assigned	MB23000 Unknown Contacts		MB23000 Appendix B	CD Coordinator	Daily, follow RHA process for review
Identifying and assigning new lab results (RHA's)	MB4120 Lab Results	QRC 7.2b	MB4120 Appendix A	CD Coordinator	Follow RHA process
Review for Case closure	MB2102B Investigation QA			CD Coordinator	Follow RHA process

Summary of new process

Clerk generates
Lab Workload Report



Clerk assigns Primary
Investigator/Coordinator in PHIMS &
updates disposition for updated labs



PHN/CD Coordinator completes
Investigation search in PHIMS or
generates Investigation Search Report
to find the assigned labs/investigations

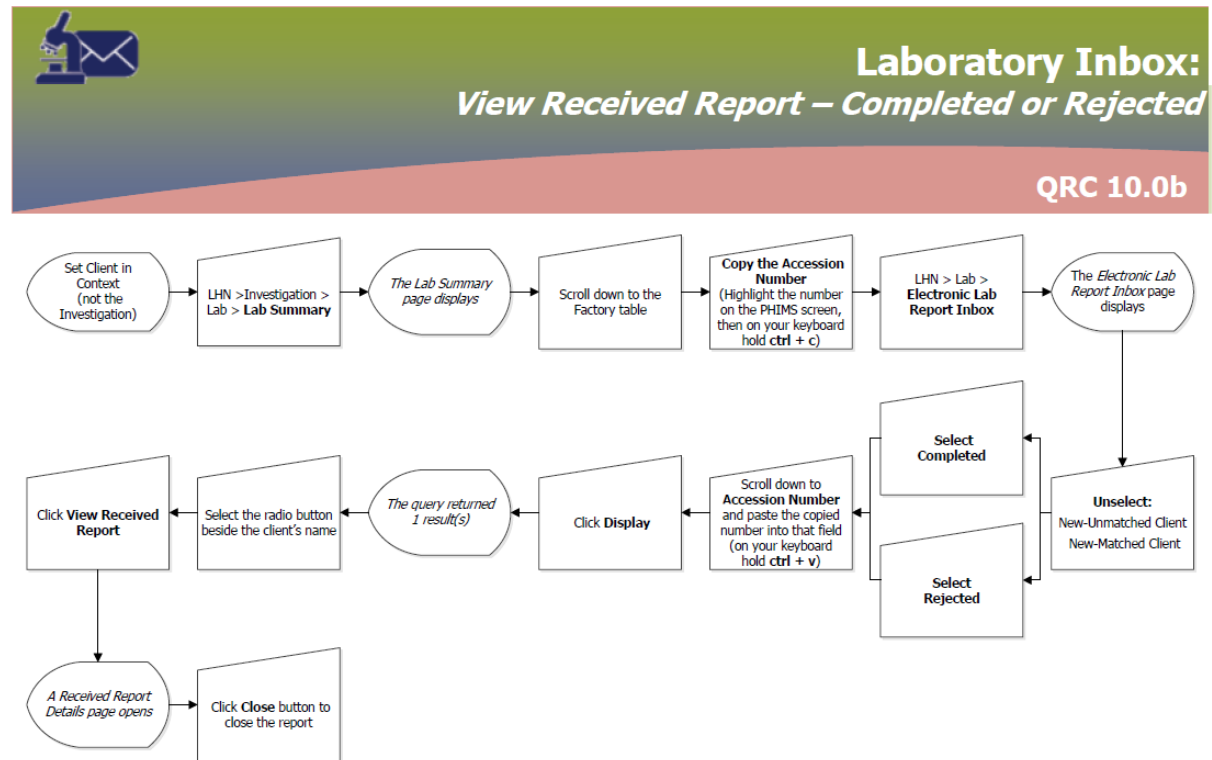


PHN/CD Coordinator
completes investigation

Support tools

Resources and tools developed to support Cadham Lab Interface with PHIMS:

- Reports User Guides
- Lab Inbox Folder QRC's



- Video View Received Report - <https://www.youtube.com/watch?v=SoCNcUVH338&feature=youtu.be>

PHIMS Support

- Slide deck posted on website
- Service Desk ticket – indicate “PHIMS Support” in subject line or via phone request

Questions?

