CHIMS | ELECTRONIC SYPHILIS CASE REPORTING OCTOBER 2021



Lori E. Lightfoot

Mayor



Allison Arwady, MD, MPH

Commissioner

TABLE OF CONTENTS

Logging In to the CHIMS Provider Portal
Creation of New Syphilis Event
Entering Syphilis Case Information
Section 1 Reporter Information
Section 2 Provider Information
Section 3 Patient Information
Section 4 Diagnosis
Section 5 Laboratory Tests [Provider Reported]
Section 6 Treatment 10
Section 7 Partner[s] Treatment
Logging Out of the CHIMS Provider Portal
Appendix A Syphilis Laboratory Tests
Appendix B Syphilis Treatments
Appendix C Provider Notification Email for Incomplete Syphilis Case Report
Appendix D Provider Notification Email for Incorrect Syphilis Treatment
Appendix E Chicago Health Information Management System Terms and Conditions of Use

CHIMS [Chicago Health Information Management System] is an electronic surveillance system utilized by the Chicago Department of Public Health [CDPH] for the mandated⁺ case reporting of sexually transmitted infections [STIs] and HIV/AIDS by Chicago health care professionals.[‡] The following instructions detail the procedures for electronically submitting HIV/AIDS case reports via CHIMS.

LOGGING IN TO THE CHIMS PROVIDER PORTAL

- * Go to the CHIMS Login Page at https://chims.cityofchicago.org/maven/login.do. Please only use Google Chrome 📀 browser to access CHIMS.
- ★ Enter your Username and Password and click Login.



CREATION OF NEW SYPHILIS EVENT

* To begin the process of creating a new Syphilis event, click on the Paper Icon.

Chicago Health Information Management System	SHORTCUT BUTTONS - A Case ID Search Eric Warren -
C C C C C C C C C C C C C C C C C C C	TOOLBAR
Welcome to the CHIMS Reporting Site	Create Event Create a new event
Getting Started • To create a new case report, use the Create Event button on the tool bar above (far left). • Your most recent case reports are listed below. To find older case reports, use the Search tool (magnifying glass) on the tool bar above. • Click the link in the CASE ID column to see detailed information about a specific case report. • To update your professional information, click on your name in the My Professional Information section below. • To update your contact information, choose Edit Profile in the drop-down after clicking your name at the top right of the screen. • Link to State of Illinois â€ Reportable STIs and Laboratory Results. • Link to State of Illinois â€ HIV/AIDS Confidentiality and Testing Code.	 Search Event Search for an existing event based on various search criteria Reports View/print and export reports from data entered in CHIMS [limited functionality] Recent Events Provide access to the last 20 events the user has opened or created
My Professional Information Name Date Created Last Updated	rile user has opened of created

My Recent C	ases				
Case ID		Date Created	Patient Name	Condition	Status
100000121		02/20/2021	HIV Test4	900 - HIV	Open
100000120	Provider-created	02/19/2021	STD Test7	700 - Syphilis	Open
100000112	 cases listed by 	02/11/2021	STD Test6	700 - Syphilis	Open
100000109	most recent	02/11/2021	STD Test5	700 - Syphilis	Open
100000106	mostrecent	02/09/2021	700 Test2	700 - Syphilis	Open

Provider labs imported by CDPH

My Lab Tests							
Case ID	Patient Name	Specimen Collection Date	Specimen Source	Test	Result	Titer	Result Notes
100000121	HIV Test4	02/08/2021	Blood	HIV 1 and 2 Ab [Identifier] in Serum or Plasma by Rapid immunoassay	Positive (10828004)		
100000121	HIV Test4	02/08/2021	Blood	HIV 1 RNA [#/volume] (viral load) in Plasma by Probe & signal amplification method	Detected	250	
10000096	700 Test1	02/01/2021		Reagin Ab [Titer] in Serum by RPR		1:16	
10000096	700 Test1	02/01/2021		Treponema pallidum Ab c in Serum by Immunoassay	Reactive (G-A497)		
10000096	700 Test1	02/01/2021		Reagin Ab [Presence] in Serum by RPR	Reactive (G-A497)		
Filter:							

Showing 1 to 5 of 5 entries

Eric Warren 02/11/2021 02/12/2021



First

Previous

1

Next Last

*	In the Event	Information	section,	, select 7	700 –	Syphilis	as the	Disease.
---	--------------	-------------	----------	------------	-------	----------	--------	----------

ATTENTION | Before continuing, click Search Person... at the bottom of the page to ensure that the person does not have a pre-existing event.

* Populate the fields for which you have information. Please ensure that you scroll down to view all of the fields.

Create Event - Person Inf	ormation	
Event Information		
Disease: 700 - Syphilis	~	
Add Person		
First Name:	Middle Name:	Last Name:
Maiden/Other Name:		
Mother's Maiden Name:		
Birth Date:	Social Security Number:	
MM/DD/YYY		
Additional Demographics		
Name Type:		
✓ Add I	New	
Alias Date of Birth:		
Sex at Birth:	Current Gender Identity:	
~	×	
Race:	Expanded Race:	Ethnicity:
Amorican Indian Alaskan Nativo	~	~
Asian		
Black or African American		
White		

SCROLL DOWN TO CONTINUE DATA ENTRY

* Once all of the available information has been entered, click Save at the bottom of the screen.

Emergency Contact First Name: Emergency Contact Relationship:	Emergency Contact Last Name:	
Emergency Contact Street Address: Emergency Contact City:	Emergency Contact Street Address 2: Emergency Contact State:	Emergency Contact Zip Code:
Contact Information		
City: Chicago County:	State: IL V Country:	Zip Code:
Cook County Home Phone: Email:	USA V Mobile Phone:	Work Phone:
Contact Method:	Residence Type:	
Search Person	~	Clear
Save Cancel Help		

ENTERING SYPHILIS CASE INFORMATION

* To begin the process of entering Syphilis case information, double click Confidential Morbidity Report of STIs.

int Summary					
Basic Information					
Event ID:	103473182				
Disease:	700 - Syphilis				
erson:	Syphilis Case1 Birth Date: 09/08/1989 Ph	one: (999) 999-9999			
ates:	Create Date: 09/25/2021				
laven Status:	Open				
nked Events/Contacts:	0 linked event(s)/contact(s)				
lotifications:	General Notifications (1) Lot Number: Not answered				
	General Notifications (1) Diagnosis Date: Not answered				
	General Notifications (1) Diagnosis Code: Not answered				
Edit Event Properties					
	on				
Event Data Perso					
Event Data Perso					
Event Data Perso					
Event Data Person Ruestion Packages Ruestion Package		Person	Last Update	□ Updated By	Status
Event Data Person Restion Packages Restion Package Confidential Morbidity R	leport of STIs	Person Syphilis Case1	Last Update 09/25/2021	Updated By Test Physician2 [eric.warren@cityofchicago.org]	Status Incomplete
Event Data Perso Duestion Package Question Package Confidential Morbidity R Laboratory Test Results	leport of STIs (read only)	Person Syphilis Case1 Syphilis Case1	Last Update 09/25/2021 09/25/2021	Updated By Test Physician2 [eric.warren@cityofchicago.org] Test Physician2 [eric.warren@cityofchicago.org]	Status Incomplete Completed
Event Data Person Puestion Packages Question Package Confidential Morbidity R Laboratory Test Results	leport of STIs (read only)	Person Syphilis Case1 Syphilis Case1	Last Update 09/25/2021 09/25/2021	 Updated By Test Physician2 [eric.warren@cityofchicago.org] Test Physician2 [eric.warren@cityofchicago.org] 	Status Incomplete Completed

SECTION 1 | Reporter Identification

* Select a Reporting Facility from the dropdown list. The location information will automatically populate in the Provider Information section.

	Rej	porter Information			
* Date of report	09/25/2021				
* Reporting facility	Englewood Medical Center (Test) 💠				
Person completing form	Test Physician2	* Reporter phone number	(773) 000-9996	* Reporter Email	eric.warren@cityofchicago

SECTION 2 | Provider Information

- ★ Enter the Attending Clinician and the Reason for Visit.
- ★ Select Testing Clinician, Treating Clinician, or both.

* Attending clinician Department/clinic Department/clinic	
Clinician Phone Number (210) 747 9000	
* Street address 2 Lower Level	
* City Chicago State IL \$ * ZIP code 60621	
* Reason for visit	
* Testing or treating clinician	

SECTION 3 | Patient Information

- ★ Indicate the Sex of Sex Partners [if known].
- * If the patient is a female [sex at birth], indicate if they are Pregnant [if known]. If Yes is selected, indicate the Due Date [if known].
- ★ Indicate the patient's HIV Status [if known].

Note | The case report will be flagged as <u>incomplete</u> if the fields highlighted in Green are not populated.

	Pati	ent Information			
* First name	Syphilis	Middle initial/name		* Last name	Case1
* Street address	2849 N Clark St	Street address 2	Apt. 123		
City	Chicago	State	IL 🗘	* Zip code	60657
County	Cook County				
Phone number	(999) 999-9999	Alternate phone number			
* Date of birth	09/08/1989				
* Age	32				
* Gender	Female \$				
* Hispanic ethnicity	Hispanic 🖨				
* Race	 American Indian Alaskan Native Other Asian Refused Black or African American Unknown Native Hawaiian or Pacific Islander Not asked White 				
* Sex of sex partners	Male Female Transgendered: M-to-F Transgendered: F-to-M Unknown				
* Pregnant	Y - Yes 🛟				
Due date	MM/DD/YYYY				
* HIV status	O Negative O Positive O Indeterminate O Unknown				

SECTION 4 | Diagnosis

- ★ If you are reporting a new case of syphilis, select a Stage [Diagnosis] from the dropdown list.
- ★ If Signs/Symptoms were present, indicate by checking the relevant box[es].
- ★ For each sign or symptom checked, Specify the Signs/Symptoms, enter the Onset and the Duration [days].
- ★ If Neurological signs/symptoms were present, but there is no CSF-VDRL or the CSF-VDRL is <u>negative</u>, select Probable [Negative CSF-VDRL].
- ★ If Neurological signs/symptoms were present and the CSF-VDRL is <u>positive</u>, select Confirmed [Positive CSF-VDRL] and enter the test result in the Laboratory Tests section.
- ★ If this is not a new case of syphilis or has been previously reported, select Previous Infection. Please ensure that the **Stage** field is <u>not</u> populated and that <u>no</u> **Signs/Symptoms** boxes are checked.

Note | The case report will be flagged as incomplete if the fields highlighted in Green are not populated.

	Diagno	sis
* Stage	710 - Primary syphilis	
* Signs/symptoms	Lesion (ulcer) Rash Neurologic Optic Otic Other No signs/symptoms Unknown	
Specify lesion (ulcer) signs/symptoms		Onset MM/DD/YYYY Duration (days)
Neurological	\$	
Previous infection	Yes	

SECTION 5 | Laboratory Tests [Provider Reported]

- ★ If laboratory tests are available, enter the Specimen Collection Date.
- ***** Select the Specimen Source, the Test, and the Result. If the Test is a quantitative [titer] RPR or VDRL, select the Titer 1.
- ★ If CSF WBC or CSF Protein tests were performed, enter the Quantitative Results in the relevant fields.
- ★ To enter additional laboratory tests, click Add New.

Laboratory Tests (Provider Reported)				
* Specimen collection date E	09/24/2021 Add New			
Specimen Inform	nation			
Specimen received date	MM/DD/YYYY			
Specimen source	*			
Accession number				
Test and Result				
Test	\$			
Test description				
Result	÷			
* Titer 1	•			
CSF WBC				
CSF protein				
Result description				

SECTION 6 | Treatment

- ★ If the patient received treatment, select the Medication Name from the dropdown list.
- ★ Select the Dose, Frequency, Duration, Route, and enter the Date Treatment Started.
- ★ If the patient did not receive treatment, select No Treatment Given.
- ★ To enter additional treatment, click Add New.

Note | The case report will be flagged as <u>incomplete</u> if the fields highlighted in Green are not populated.

Treatment		
Please see CDC STI treatment guidelines		
* Specify medication name \equiv	Add New	
* Dose	÷	
* Frequency	\$	
* Duration	÷	
* Route	\$	
* Date treatment started	MM/DD/YYYY T	
No treatment given	Yes	

SECTION 7 | Partner[s] Treatment

* Indicate if the patient's partner[s] received treatment or were referred for treatment by checking the relevant Partner Treatment box[es].

Partner(s) Treatment			
Partner treatment	Yes: Treated in clinic		
	Yes (other)		
	No: Instructed patient to refer partner(s)		
	No: Partner(s) referred to		
	Unknown		

SECTION 8 | Comments

***** If additional or other relevant information is available regarding the case, enter in the Comments field.

	Comments
Comments Note written by: Date and time:	

SUBMISSION OF SYPHILIS CASE REPORT

- * Once you have entered all available information and are ready to submit the Syphilis case report to the Chicago Department of Public Health:
 - Select Yes for Submit Now to the DPH?
 - Click Save.

	Report Submission	
* Submit now to the DPH?	Yes 🛊	
Date submitted	10/09/2021	
* Indicates required field		
Save Cancel Help		

LOGGING OUT OF THE CHIMS PROVIDER PORTAL

- ★ To log out of the CHIMS Provider Portal:
 - Click on your Username in blue.
 - Click Logout.

Chicago Health Information Management System	Search	Test Physician2 -
	Edi	t Profile
	Log	gout

TEST	CHIMS TEST EQUIVALENT	
Non-Treponemal		
CSF-VDRL [Qualitative]	Reagin Ab [Presence] in Cerebral Spinal Fluid by VDRL	
CSF-VDRL [Quantitative]	Reagin Ab [Titer] in Cerebral Spinal Fluid by VDRL	
RPR [Qualitative]	Reagin Ab [Presence] in Serum by RPR	
RPR [Quantitative]	Reagin Ab [Titer] in Serum by RPR	
STAT RPR [Qualitative]	STAT RPR	
Treponemal		
Darkfield	Microscopic Observation: Dark Field Examination	
DFA-TP	Microscopic Observation: IF	
EIA	Treponema pallidum Ab c in Serum by Immunoassay	
EIA [Total Antibody]	<i>Treponema pallidum</i> IgG + IgM Ab c in Serum by Immunoassay	
FTA-ABS	Treponema pallidum Ab c in Serum by Immunofluorescence	
MHA-TP	Treponema pallidum Ab c in Serum by Hemagglutination	
TP-PA	Treponema pallidum Ab c in Serum by Agglutination	
Other		
CSF WBC [Manual] ¹	Leukocytes [#/Volume] in Cerebral Spinal Fluid by Manual Count	
CSF WBC [Automated] ¹	Leukocytes [#/Volume] in Cerebral Spinal Fluid by Automated Count	
CSF Protein ²	Protein [Mass/Volume] in Cerebral Spinal Fluid	

¹ CSF WBC Normal Values: 0-5 cells/mL | ² CSF Protein Normal Values: 15-60 mg/dL [0.15-0.6 mg/mL]

MEDICATION	DOSE	FREQUENCY	DURATION	ROUTE
Syphilis Stage Primary, Secondary, Early ¹ [Non-Primary/Non-Secondary]				
Benzathine PCN G [Bicillin]	2.4 mu	Single Dose	1 Day	IM ⁵
Doxycycline [Vibramycin]	100 mg	BID [2x/day]	14 Days	PO ⁶
Syphilis Stage Late ² or Unknown Duration				
Benzathine PCN G [Bicillin]	7.2 mu ³	1-Week Interval	3 Weeks	IM ⁵
Doxycycline [Vibramycin]	100 mg	BID [2x/day]	28 Days	PO ⁶
Syphilis Stage Any with Neurological, Ocular or Otic Involvement				
Aqueous Crystalline PCN G	18-24 mu ⁴	Q 24 Hrs	10-14 Days	IV ⁷
Procaine PCN G	2.4 mu	QD [per day]	10-14 Days	IM ⁵
+ Probenecid	500 mg	QID [4x/day]	10-14 Days	PO ⁶

¹ Syphilis with duration of less than 12 months | ² Syphilis with duration of greater than 12 months

³ 7.2 mu total, administered as 3 doses of 2.4 mu each at 1-week intervals

⁴ 18-24 mu total, administered as 3-4 mu IV every 4 hours | ⁵ Intramuscular | ⁶ Oral | ⁷ Intravenous

NOTE

For more information about syphilis treatments, refer to the 2021 CDC STI Treatment Guidelines at https://www.cdc.gov/std/treatment-guidelines/syphilis.htm

Incomplete Case Report in CHIMS



chims@cityofchicago.org <chims@cityofchicago.org>

Yesterday at 2:31 PM

08/02/2021 University Of Chicago Medical Center

Dear Dr. Black,

Thank you for submitting a recent report in CHIMS (Chicago Health Information Management System). Per Illinois Administrative Code, sexually transmitted infections (STIs) and HIV/AIDS must be reported within seven (7) days and should include information such as demographics, diagnosis, and treatment. For information about STI and HIV/AIDS reporting in Illinois, please refer to the following: https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (STIs) and https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (STIs) and https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (STIs) and https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (STIs) and https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (HIV/AIDS).

For information regarding the Centers for Disease Control and Prevention's (CDC) STD Treatment Guidelines, please refer to the following:

https://www.cdc.gov/std/tg2015/default.htm

Your efforts to provide complete and accurate STI and HIV/AIDS reporting information are critical, as these reports serve many vital public health purposes, including monitoring trends in disease morbidity and antibiotic resistance, targeting public health prevention efforts, etc.

Your recently submitted report is missing some important information. Please see below for more details. ("X" indicates missing or incomplete data):

CHIMS Event ID (last four digits): xxxxx6387

Data Field	Missing Value ()
Sex of patients' sex partners	
Stage (diagnosis)	
Signs / symptoms	x
Treatment	x
Lab Tests	
Pregnancy (Yes/No & Due date)	
HIV status	

Please login to the CHIMS Provider Portal (<u>https://chims.cityofchicago.org/maven/login.do</u>) to update and save your report with the additional information. If you have questions regarding STI and HIV/AIDS reporting or the contents of the message, please email <u>chims@cityofchicago.org</u>.

APPENDIX D | PROVIDER NOTIFICATION EMAIL FOR INCORRECT SYPHILIS TREATMENT

Incorrect treatment reported in CHIMS



chims@cityofchicago.org <chims@cityofchicago.org>

Today at 11:47 PM

08/03/2021 University Of Chicago Medical Center

To: o Eric

Dear Dr. Black,

Thank you for submitting a recent report in CHIMS (Chicago Health Information Management System). Per Illinois Administrative Code, sexually transmitted infections (STIs) and HIV/AIDS must be reported with seven (7) days and should include information such as demographics, diagnosis, and treatment. For information about STI and HIV/AIDS reporting in Illinois, please refer to the following: https://www.ilga.gov/commission/jcar/admincode/077/07700693sections.html (STIs) and https://www.ilga.gov/commission/jcar

For information regarding the Centers for Disease Control and Prevention's (CDC) STD Treatment Guidelines, please refer to the following:

https://www.cdc.gov/std/tg2015/default.htm

Your efforts to provide complete and accurate STI and HIV/AIDS reporting information are critical, as these reports serve many vital public health purposes, including monitoring trends in disease morbidity and antibiotic resistance, targeting public health prevention efforts, etc.

Your recently submitted report contains potentially incorrect treatment information.

CHIMS Event ID (last four digits): xxxx6387

Reason: First medication dosage Medications: 1) Benzathine Penicillin G 1.2 mu single dose 1 day IM

Please login to the CHIMS Provider Portal (<u>https://chims.cityofchicago.org/maven/login.do</u>) to update and save your report with the correct treatment information. If you have questions regarding STI and HIV/AIDS reporting or the contents of the message, please email <u>chims@cityofchicago.org</u>.

APPENDIX E | CHICAGO HEALTH INFORMATION MANAGEMENT SYSTEM TERMS AND CONDITIONS OF USE

The Chicago Health Information Management System [CHIMS] and related services are provided subject to your compliance with the Terms and Conditions set forth below. Please read the following information carefully. If you do not agree to be bound by the terms and conditions, promptly exit this application.

This AGREEMENT is entered into by and between the Chicago Department of Public Health [CDPH] and you, the User of the Department's Health Information Management System.

1. Applicability § This Agreement states certain terms that apply to User's access to CHIMS. User agrees to comply with, and be bound by, this Agreement, and to use CHIMS only for the purposes for which it is intended. CDPH may revise these Terms and Conditions at any time without notice. User's continued use of CHIMS after the Terms and Conditions are changed indicates User's acceptance of those new Terms and Conditions.

2. Privacy and Confidentiality of Identifiable Personal Information § CDPH and the organizations and individuals that use CHIMS are required by law to protect the privacy and security of the identifiable personal information [personal data] in CHIMS. CDPH reserves the right to exercise complete control over the access, use, disclosure, and disposition of the personal data in CHIMS. User agrees to use all personal data in compliance with this Agreement, and all other applicable state and federal laws concerning the confidentiality of personal data.

3. Unauthorized Access: User Responsibilities § User agrees: [a] to use its best efforts and to take all steps reasonably necessary to prevent unauthorized access to, use of, or disclosure of personal data; [b] to notify CDPH both orally and in writing as soon as possible about any unauthorized access to, use of, or disclosure of personal data, and [c] to take such measures, in consultation with CDPH, as are reasonably necessary to mitigate or address any unauthorized access to, use of, or disclosure of personal data. None of the foregoing shall be construed to waive any rights or remedies that CDPH possesses in the event of unauthorized access to, use of, or disclosure of personal data.

4. Use of Personal Data within User's Organization § User is responsible for limiting access to personal data obtained from the CHIMS to those employees, contractors, and agents that need such information in furtherance of a legitimate business purpose related to the CHIMS, and that are allowed by law to access such information. User is responsible for ensuring that its employees, contractors, and agents that use personal data produced by or associated with the CHIMS are aware of, and comply with, the applicable provisions of this Agreement, and all other applicable state and federal laws concerning the confidentiality of personal data. User is responsible for the acts or omissions of its employees, contractors, and agents.

5. User IDs and Passwords § User IDs and passwords will only be granted at the direction of CDPH. User's assigned ID and password are non-transferable and may not be shared with any other employee or individual.

6. Termination of Access § CDPH may terminate any User's or authorized user's right to access CHIMS at any time, with or without cause, without notice and without penalty. None of the foregoing shall be construed: [1] to relieve User of any of the responsibilities imposed by this Agreement or by applicable law; or [2] to waive any rights or remedies that CDPH possesses in the event of unauthorized access to or use of CHIMS.

7. Governing Law § Any actions arising out of User's access to CHIMS shall be governed by the laws of Illinois and shall be brought and maintained in a state or federal court in Illinois which shall have exclusive jurisdiction thereof.

