

A Public Health Solution for Non-Clinic- Based, Self-Collect STI Testing

Introduction to CheckYourself

Jessica Zamora, MPH

Senior Manager, Home Testing



National Coalition of STD Directors

A national public health membership organization representing health department STD Directors, their support staff and their community-based partners across 50 states, seven large cities and eight US territories. We provide leadership, build capacity, convene partners and advocate.

For more information, visit www.ncsddc.org



NCSDDC

National Coalition
of STD Directors

Background

- **COVID-19's impact on sexual health clinics**

- Clinic closures
- Drastic reductions in asymptomatic screening
- Staff redeployment

- **NCSD Pivoted Rapidly in Response**

- Clinic+ summary report describes the impact of COVID-19 on sexual health clinics
- Creation of COVID-19 playbooks
- Weekly → Monthly Clinic+ Calls
- Testing Beyond the Clinic Webinar series began in April 2020

NCSD Clinic+/COVID-19 Survey Summer 2020



89%
reported a decrease
in patient volume



65%+
reported
reduced clinic
capacity



72%
reported
considering self-
collect testing
by mail



50%
reported
considering
implementation
of telehealth

Formation of Board Subcommittee

- Bobbie Van Der Pol, PhD, Professor, University of Alabama Birmingham
- Charlotte Gaydos, DrPH, Professor, Johns Hopkins University
- Josh Ferrer, STD Director, Oregon Health Authority
- Elisabeth Liebow, Center for STI Prevention, Maryland DOH
- Karen Wendel, MD, Medical Director, Denver Prevention Training Center
- Glen Olthoff, Senior Public Health Advisor, City of Baltimore
- Anne Gaynor, PhD, Deputy Director, Infectious Diseases, Association of Public Health Laboratories
- Melverta Bender, MLS, MPH, Director, STD/HIV, Mississippi State Dept. of Health

Due Diligence Process

- Comparison of multiple commercial labs
- Thorough review of validation/verification processes including the assay, specimen types tested, any modifications to assay
- In-person site visit to Let's Get Checked Lab in Monrovia, California
 - NCSD Staff
 - Rick Alexander, PhD, Retired Public Health Lab Director & APHL Consultant



Due Diligence Process

- Thorough review of validation/verification processes including SOPs, package inserts, and utility studies
- Extreme temperature studies
- Review of Standard Operating Procedures for state and federal reporting requirements for reportable results



Electronic Lab Reporting (ELR)

Automated Electronic notification
of test results to state and local
health department surveillance
systems



Let'sGetChecked:

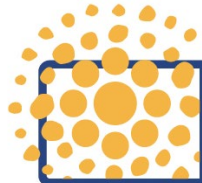
- **Testing Provision:**
 - Sexual Health
 - Women's Health
 - Men's Health
 - Wellness
 - Coronavirus
- **Validated** lab partner
- **Available** in all states
(coming soon to territories)

A virtual care company that allows customers to manage their health from home, providing direct access to telehealth services, pharmacy, and laboratory tests with at-home sample collection kits for a wide range of health conditions.



2014- Founded in Dublin
2017- Launches in US
2018- Partners with CVS
and Gamin Health
2020- Purchases Lab

CheckYourself



CHECK YOURSELF



CheckYourself




CHECK YOURSELF
AT HOME

SCHEDULE A MEETING



SCAN ME

Check Yourself is an innovative easy-at-home test solution that detects the five most commonly found STI's.



CHECK YOURSELF
AT HOME



Simple and confidential collection for chlamydia, gonorrhea, trichomonas, syphilis and HIV.

Point of care services for outreach testing, disease intervention field visits, community health initiatives and more.

Access to personal online portal to review test results.

Overnight and prepaid shipping of test kits.

No Additional cost for onboarding, platform use, technical assistance or nursing line.



Standard 5 Kit

- What's being tested:
 - HIV (I, II, P24 antigen)
 - Syphilis EIA
 - Chlamydia
 - Gonorrhea
 - Trichomoniasis
- Collection Methods: Blood & Urine
- Turn Around Time (TAT): 2-5 Days
- Dedicated Support Number



Kit Contents

- Sample Collection Instructions
- (1) Blood Collection Tube
- (4) Lancets
- (1) Urine Collection Tube
- (1) Pipette
- (1) Urine Collection Cup
- Biohazard Bag
- (1) Poly Mailer Bag with Prepaid UPS Return Label
- Band-aids, Gauze, & Alcohol Swabs Sample
- Activation Card



Instructional Collection Video

Instructional Collection Video



In-Person Workflow

Bulk (In-Field) Workflow

Designed to distribute & active test kit during patient interactions with bulk kits



Teleconsult Workflow

Teleconsult visit

Designed to order a kit to be delivered directly to the patients home

Telehealth



Additional Services

Each Clinic/Office will have access to their own:

- Kit ordering portal
 - Review consent
 - Create a patient account
 - Input Personal Health Information & Sexual Health Questionnaires
 - Confirm test orders
- Access to results portal to review patient results

Patients will get:

- Kit reminder emails
- Let's Get Checked Providers
 - Nursing line follow-up for positive results
 - Patient questions about sample collections/results
 - Documentation of all patient encounters/attempts in portal
- Access to online portal to review results

Patient Experience

Optimizing the patient's medical journey:

Complete Their Account

Collect Samples

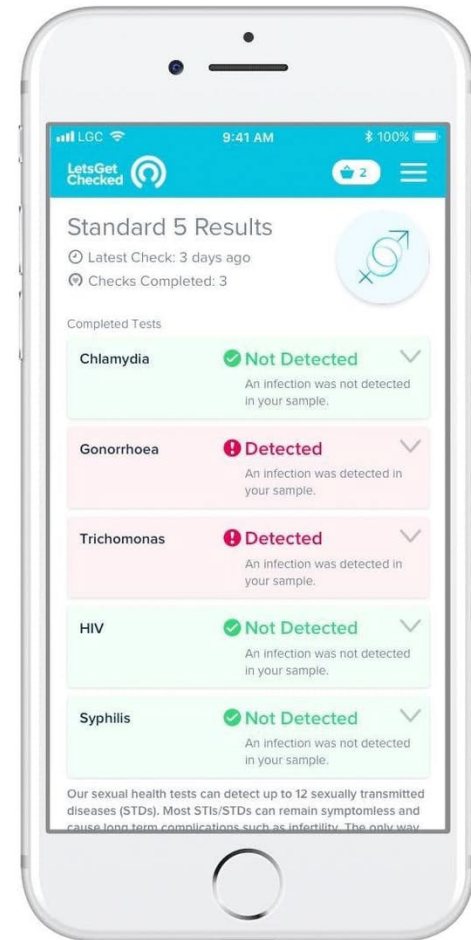
Returning Test Kit

Accessing Results

Digital reminders focused on support and access.

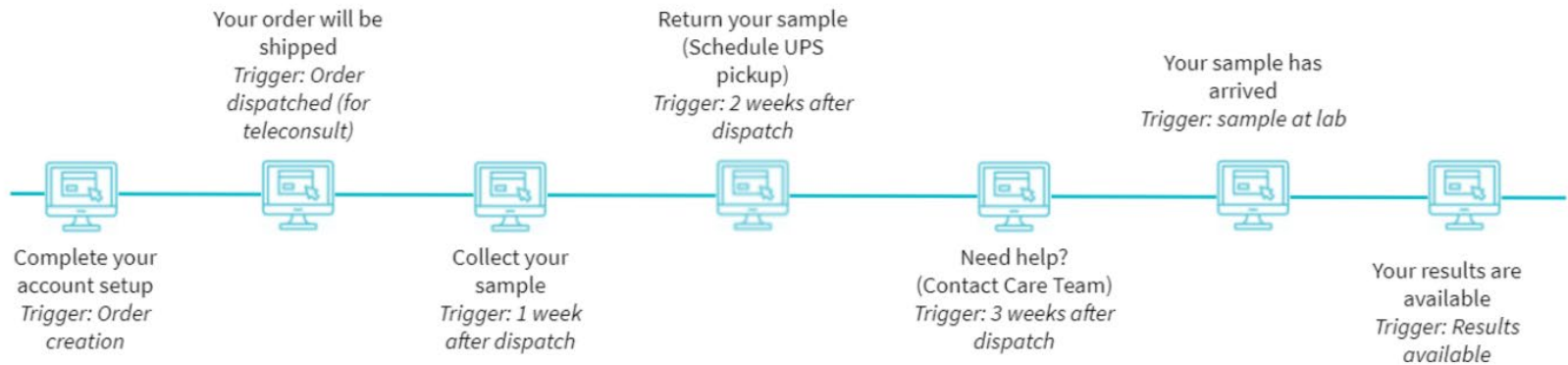
Themes include:

- Complete account setup
- Order confirmation (telehealth only) and tracking
- Kit return reminders
- Results available



Automated Kit Reminders

Digital Communications



Client Portal

Clinic/Field office views of patient-level results.

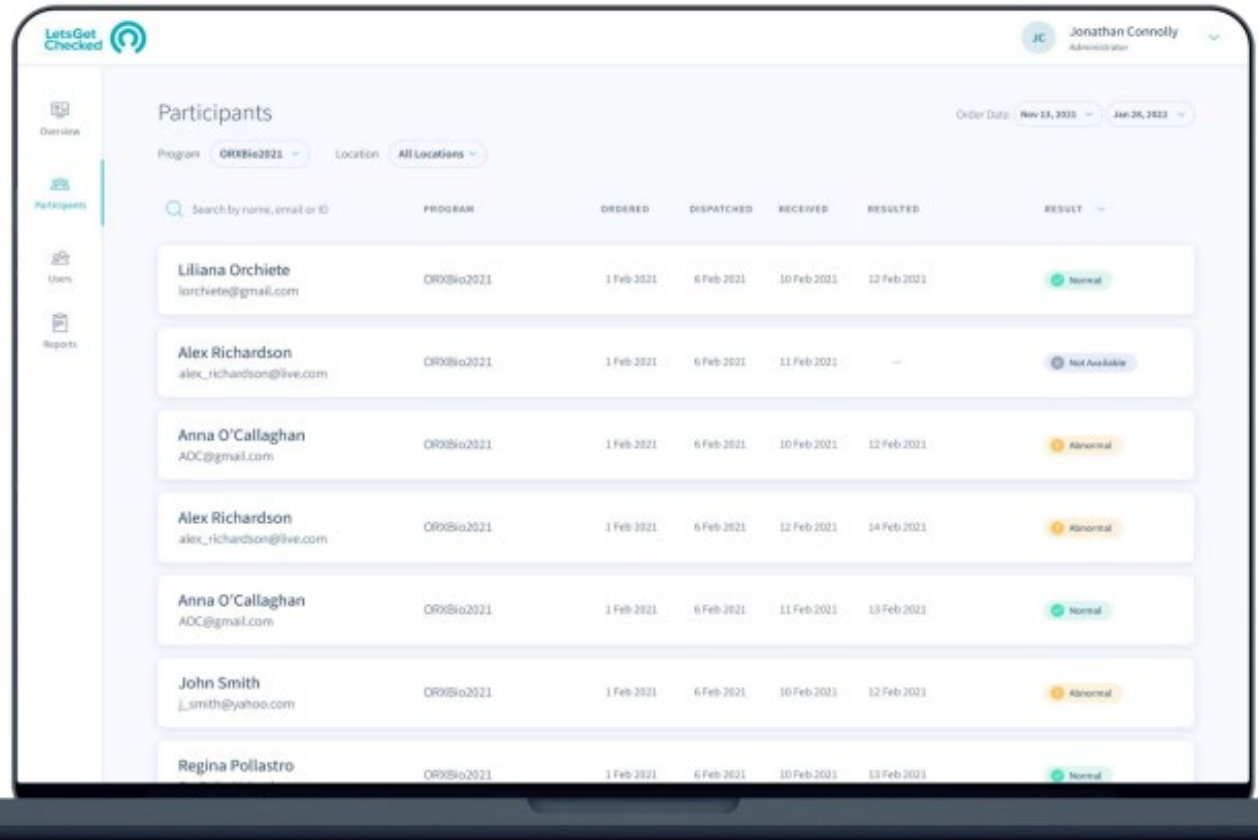
Results Portal

Login

Username: Email

Password: Email will be sent to reset password


*Not same as Ordering Portal



The screenshot displays the 'Participants' page in the LetsGetChecked Client Portal. The page includes a sidebar with navigation options: Overview, Participants, Users, and Reports. The main content area shows a table of participants with columns for Program, Ordered, Dispatched, Received, Resulted, and Result. The results are color-coded: green for Normal, orange for Abnormal, and blue for Not Available. The user is identified as Jonathan Connolly, Administrator.

Participant	Program	Ordered	Dispatched	Received	Resulted	Result
Liliana Orchiete lorchiete@gmail.com	ORxBio2021	1 Feb 2021	6 Feb 2021	10 Feb 2021	12 Feb 2021	Normal
Alex Richardson alex_richardson@live.com	ORxBio2021	1 Feb 2021	6 Feb 2021	11 Feb 2021	-	Not Available
Anna O'Callaghan AOC@gmail.com	ORxBio2021	1 Feb 2021	6 Feb 2021	10 Feb 2021	12 Feb 2021	Abnormal
Alex Richardson alex_richardson@live.com	ORxBio2021	1 Feb 2021	6 Feb 2021	12 Feb 2021	14 Feb 2021	Abnormal
Anna O'Callaghan AOC@gmail.com	ORxBio2021	1 Feb 2021	6 Feb 2021	11 Feb 2021	13 Feb 2021	Normal
John Smith j_smith@yahoo.com	ORxBio2021	1 Feb 2021	6 Feb 2021	10 Feb 2021	12 Feb 2021	Abnormal
Regina Pollastro	ORxBio2021	1 Feb 2021	6 Feb 2021	10 Feb 2021	13 Feb 2021	Normal

Patient Results PDF



Priva Path Labs
222 E. Huntington Drive
Suite 100, Menlo Park, CA 94025
Lab Director:
Dr. Sharon Chinn, MD, PCMP

Laboratory Results

Summary Report

PATIENT				SPECIMEN			PROVIDER	
Name	Phone #	Patient ID#		Collection Time	Accession #	Specimen ID	Reporting POB	
test, sean	(347) 852-2262	2330296		9:17 AM	2237225	LGC-9875-2566-8101	Rishi Rajan	
DOB	Age	Sex		Collection Date	Report Status		NPI: 1982706776	
01/01/2000	21	M		06/25/2021	Final		Reporting Facility: LetsGetChecked	
MRN	Height	Weight		Received Date	Completed Date			
LEQVUE				06/29/2021	06/29/2021			
Address:	Race:							
test street	Asian/Pacific Islander							
Address:	County:	Ethnicity:						
		Not Hispanic						
City:	State:	Zip Code:						
test city	AL	0500						

Ordered Items:
LGC Biometric (A1c+LPD)





RESULTS SUMMARY

CRITICAL RESULTS

ABNORMAL RESULTS
Cholesterol

LAB NOTES
TEST SAMPLE - NOT A REAL PATIENT

LIPID PANEL

TESTS	FLAG	UNITS	RESULTS	PREVIOUS RESULTS
Cholesterol	High	mg/dL	 <p>234 mg/dL Ref Range: 0-200 mg/dL</p> <p>NOTES: *Fasting: Metabolic 200-239: Moderate high 240-499: High</p>	N/A
Triglycerides	Normal	mg/dL	 <p>122 mg/dL Ref Range: 0-150 mg/dL</p> <p>NOTES: *Fasting: Normal 150-199: Moderate high 200-499: High 500+: Very High **Patient had non-fasting or unknown fasting status - reference range for non-fasting specimen only</p>	N/A
HDL Cholesterol	Normal	mg/dL	 <p>55 mg/dL Ref Range: 40-60 mg/dL</p> <p>NOTES: *Fasting: Low *HDL: High</p>	N/A
LDL Cholesterol (Direct)	Normal	mg/dL	 <p>106 mg/dL Ref Range: 0-130 mg/dL</p> <p>NOTES: *Fasting: Optimal</p>	N/A

 Download full report

 Normal

Patient Results PDF will be available for download in LGC Patient Portal

Check yourself Member Testimonials

Los Angeles County Department of Public Health

Linn County Department of Public Health



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Los Angeles County for Public Health



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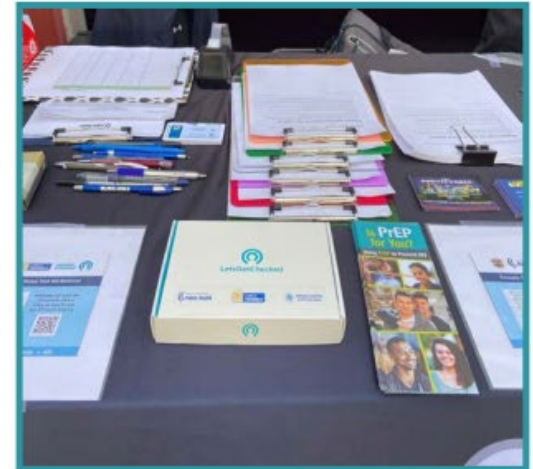
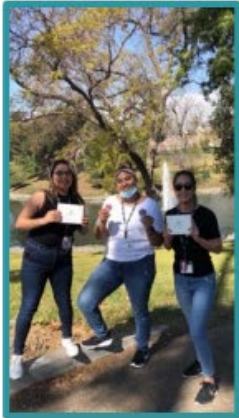
Interest in non-clinic based, self-collecting STI Testing

- ✔ Empowerment of patients to feel more confident with the “do it yourself” approach
 - ✔ Increase in public awareness of the importance of routine STI testing
 - ✔ Provides more options for STI testing in the comfort of their home
 - ✔ Home test kits – available 24/7 – not tied to clinic hours, no waiting in the lobby
- ✔ Mobile/flexible – can conduct testing at home or in the field
 - ✔ Can still have access to consult with a provider if needed
 - ✔ Clinic closures/limited sessions due to the pandemic and staff deployment
 - ✔ Long wait times

Los Angeles Department of Public Health

Bulk Shipment Workflow	Telehealth Workflow
Test kits mailed to DHSP HQ	1 STD Clinic NP initially assigned x 1 month
Used for patients who need a treponemal test to confirm syphilis diagnosis and a HIV 4 th Gen test to confirm HIV diagnosis	NP contacted patients who are unable to wait for an appointment at clinic or just want screening and activate and dispatch test kits with follow up
Used for contacts who were exposed to syphilis (outside of incubation period) or HIV	STD clinic registration staff and district PHIs informed to call DHSP for patients who qualify for home test kits
Used for STD Outreach	DHSP PHI trainees call patients and activate and dispatch test kits and follow up once received for assistance if needed
Initial assessment of the patients' abilities to self-collect without PHI assistance by providing a general overview of the testing process and assist where needed; PHI usually packages and mail back completed kits back to LGC lab unless patient prefers to mail the kit back later.	

Successful testing outreach events





Sexually Transmitted Infections (STIs) Home Test Kit Referral



Patients can scan the QR code to view a video on how to use the STI home test kit:



Chlamydia • Gonorrhea • Trichomoniasis • Syphilis • HIV

Sexual Health Clinic Business Office Staff:

Please offer the following patients the option for an STI Home Test Kit.
(This opportunity will be available until October 2022 based on supply.)

- Patients are asymptomatic.
- Patients who are being turned away due to capacity.
- This clinic is closed due to staffing/maintenance.
- Patients who are unable to wait.
- Patients are comfortable using electronic devices to access a secure portal.
- Patients have a mailing address and phone number to activate and dispatch kit.

If patients are interested, please obtain the following information and send to Dr. Raj via e-mail (below). Inform the patient that the Department of Public Health will contact them via phone within 24 hours or sooner (except on weekends or holidays):

- Last Name, First Name, Date of Birth
- Phone number and good time to call to activate and dispatch kit
- Email address



Dr. Shobita Rajagopalan (Raj)
srajagopalan@ph.lacounty.gov
Business Hours: Mon-Thurs 8:00 AM to 4:30 PM, Fri 8:00 AM to 12:30 PM



Sexually Transmitted Infections (STIs) Home Test Kit Referral



Patients can scan the QR code to view a video on how to use the STI home test kit:



Chlamydia • Gonorrhea • Trichomoniasis • Syphilis • HIV

District PHI Staff:

Please offer the following patients the option for an STI Home Test Kit.
(This opportunity will be available until October 2022 based on supply.)

- Patients are asymptomatic.
- Patients who are being turned away due to capacity.
- This clinic is closed due to staffing/maintenance.
- Patients who are unable to wait.
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Observations & Key Takeaways



Routine home self-testing testing (along with education) and rapid treatment referrals can lead to decrease in STI transmission.



Clients having the freedom to choose when and where to test instead of following strict clinic hours and capacity limitations.



Smart and efficient way to allocate resources – telehealth option can be done without the PHI/other clinical staff being dispatched to the field.



Return rate regardless of workflow is highly dependent on client motivation.



Would be ideal for PHI/field staff to carry kits with them on field visits –

- Offered to qualifying patients and their contacts on the spot especially when clinic appointment availability is scarce
- May encounter clients once and might need to act right away
- Clients who refuse to or are not able to attend a clinic

Next Steps



Follow up on the clinic and district PHI workflow that we have just put in place.



More public facing campaigning and marketing about this resource.



Continued discussion with CDPH policy team regarding SB 306 which went into effect January 2022 which states that health plans should cover home test kits.



Discuss collaboration with LGC and I Know to design anew brand of low-cost home test kit option; try to leverage grants to cover costs.



Plan to integrate into the STD clinic and field regular workflow.



Plan more outreaches at high-risk venues.

Linn County Department of Public Health



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Process

Partnership with Iowa Department of Public Health (IDPH) for this Pilot Program with NCSD and LGC for at-home STI testing.



Virtual Meetings with IDPH, LCPH, and LGC to discuss platform.



Enabled the TeleHealth portion of Electronic Medical Record system.



April – STD awareness month

- LCPH offered testing with local colleges, alternative bar, and walk-in appt. at the clinic.
- Initiated distribution of test kits at these events for those choosing to not test onsite.
- Developed online survey to activate test kit.

Developed workflows and standing orders for testing and treatment.



Online Survey

- Collaborated with Linn County GIS to create an online survey for community members to order a test kit.
 - <http://bit.ly/LCGetChecked>



Let's Get Checked

Introduction

Getting an STI test is one of the best ways to take control of your health. Linn County Public Health, Iowa Department of Public Health, and Lets Get Checked are partnering to offer STI testing in the comfort of your own home. It is simple, confidential, and discreet. Please complete the questionnaire below to have a test kit mailed to you! Or if you already have a test kit, please complete the questionnaire to have your kit activated.

If you have trouble completing this form or would like additional information, please contact us by calling 319-892-6095 or emailing health@linncountyiowa.gov.

Consent

Please read the following:

Next, we need you to confirm that Linn County Public Health, as an NCSO participant, has your consent to set up a LetsGetChecked account in your name, and to collect and share some of your personal information, including health information with LetsGetChecked.

Do you consent to having LCPH set-up a LetsGetChecked account in your name?*

Yes, I consent

No, I do not consent

Demographic Information

Name

Email Address

Promotional Materials (Website)

FREE At-Home STI Testing

Throughout April Linn County Public Health, Iowa Department of Public Health, and Lets Get Checked are partnering to offer STI testing in the comfort of your own home. It's simple, confidential, and discreet. Just [complete this brief survey](#) to have a test kit mailed to you! Or if you already have a test kit, please complete the survey to activate the kit.

Please contact us at 319-892-6095 or email us at healthclinic@linncountyiowa.gov with questions.



APRIL IS SEXUAL HEALTH MONTH!

LEARN MORE ABOUT TESTING, TREATMENT AND SERVICES AVAILABLE AT LINN COUNTY PUBLIC HEALTH.

CLICK HERE OR CALL 319-892-6095

Learn More



APRIL IS SEXUAL HEALTH MONTH!

SEXUAL HEALTH IS HEALTH

Linn County Public Health
7.8K followers • 789 following

Follow Call Now



Linn County Public Health
April 3 at 9:56 AM

Throughout April FREE at-home STI test kits are available at Linn County Public Health. Visit our website: <https://www.linncountyiowa.gov/sexually-transmitted>, or call 319-892-6095 for more information or to schedule an appointment.



FREE STI Test Kits*

April is Sexual Health Awareness Month. Now is the perfect time to get tested.

Call 319-892-6095 or visit our website for more information.

*Free at-home test kits available through April 2022



Linn County Public Health
April 3 at 1:01 PM

Learn more about testing, treatment and services available at Linn County Public Health. Visit our website: <https://www.linncountyiowa.gov/sexually-transmitted>, or call 319-892-6095 for more information or to schedule an appointment.



FLING OR A SERIOUS THING?

Cya tonight!

EITHER WAY...GET TESTED!

Contact Linn County Public Health to learn more about STI testing, treatment and services. Call 319-892-6095 or visit our website for details.



Linn County Public Health
April 7 at 9:00 PM

If you are sexually active, you should know your status! Complete a short survey and get a FREE at-home STI Test Kit sent to you. <https://bit.ly/LCGChecked>

Getting tested regularly and knowing your status is an important part of your routine healthcare.



SEXUAL HEALTH IS HEALTH!

April is Sexual Health Awareness Month. Now is the perfect time to get tested. If you're sexually active, you should **KNOW YOUR STATUS!**

Call 319-892-6095 or visit our website for more information.



Linn County Public Health
April 21 at 10:00 AM

Learn more about testing, treatment and services available at Linn County Public Health, visit our website: <https://www.linncountyiowa.gov/sexually-transmitted>, or call 319-892-6095 for more information or to schedule an appointment.



FREE Home STI Test Kits*

Call 319-892-6095 or visit our website for more information.

Let's Offer PREP services

*Free at-home test kits available through April 2022

Social Media Platforms

Social media platforms

- Facebook, Instagram, Snapchat, Grindr, Scruff, Adam4Adam, GROWLr, and JACK'D.



Successes

- Adapting our workflow to nurse appointments rather than telehealth visits.
- Our marketing campaign began April 1st, and we immediately began seeing an increase in submitted surveys.
- Normalizing STI testing for those sexually active.
- Started distribution of at home test kits during the month of April for “Get Yourself Tested Month” partnering with 4 local colleges and our local alternative bar.
 - Incentives for testing
 - Swag
- Began offering home test kits to contacts through DIS work.
- PrEP referral
- Sustainability
- We will continue to change and adapt to patient needs as the program builds.

MPV Clinical Interruptions

STD RESOURCE

NCSD RELEASES RESULTS OF FIRST MONKEYPOX CLINIC CAPACITY SURVEY

Data from more than 100 clinics reveals urgent need for supplies, information, and staffing

RELEASE DATE

June 22, 2022



Clinic+ MPV Survey

In the first 30 days of the outbreak, some clinics have seen more than 30 patients present with monkeypox concerns or symptoms.



Nearly 20% of clinics have seen patients for monkeypox concerns or symptoms.



Only 41.1% of clinics have the current staff capacity to meet the current monkeypox testing demand.



8% have had suspected monkeypox cases in their clinic.



Only 32.1% of clinics could provide staff to meet increased monkeypox testing demand if cases increased.

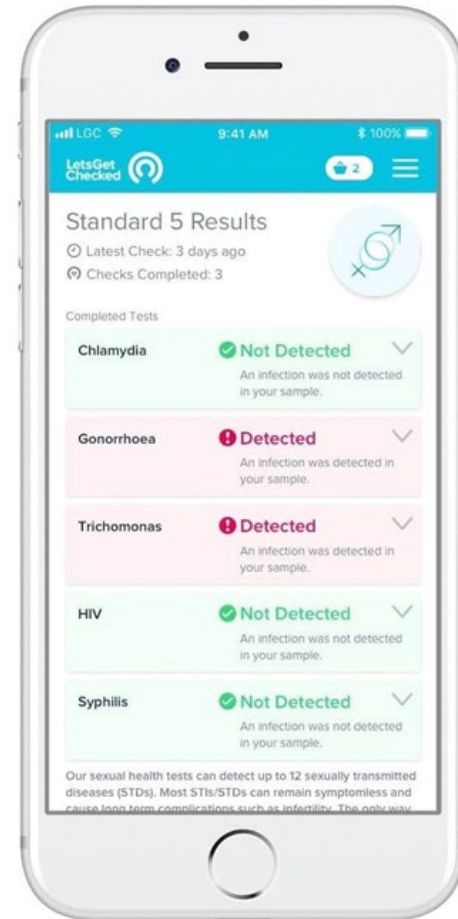
Pricing

Test Kits

- –\$115 for provider-initiated (telehealth) kits
- –\$105 for bulk shipment kits

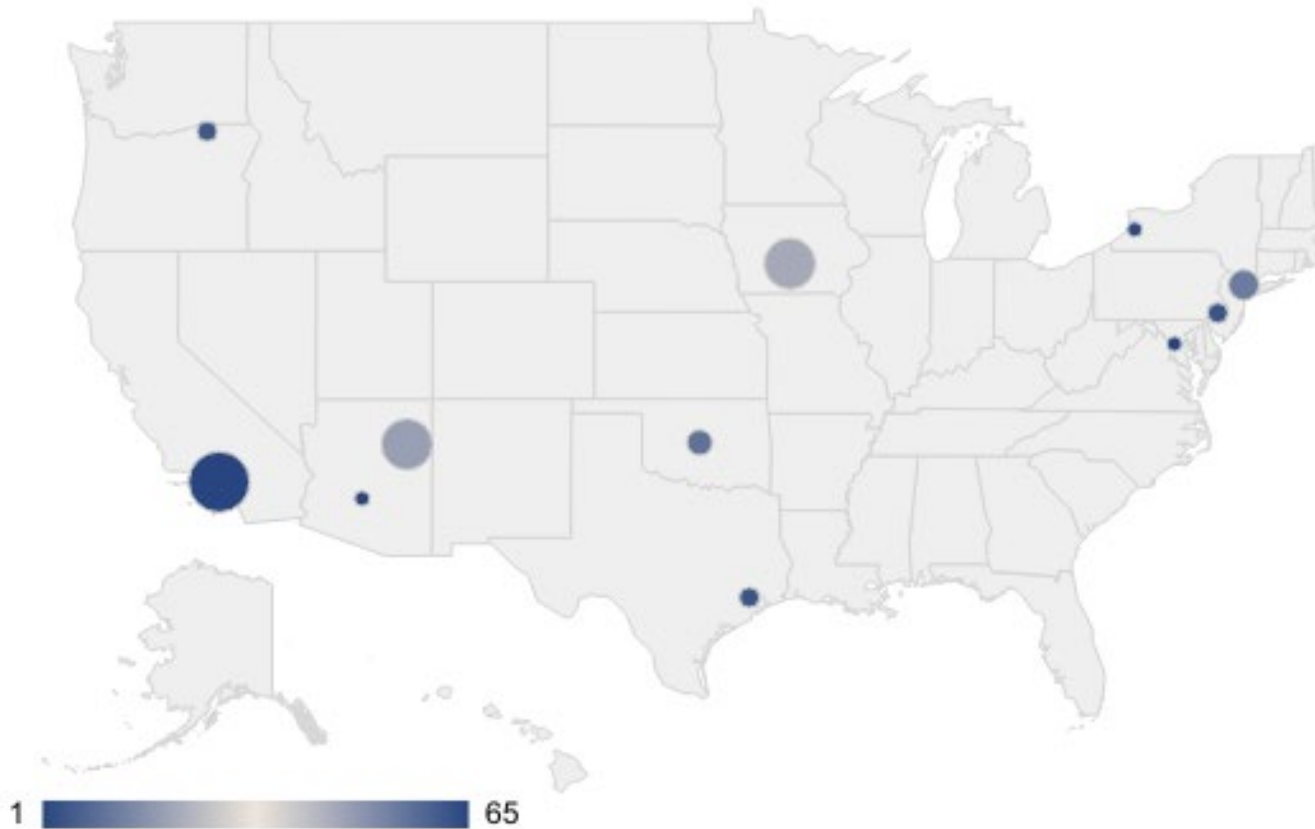
No Additional Fees:

- –Onboarding
- –Platform
- –Nursing line
- –Provider
- –Training/Technical Assistance
- –Reporting



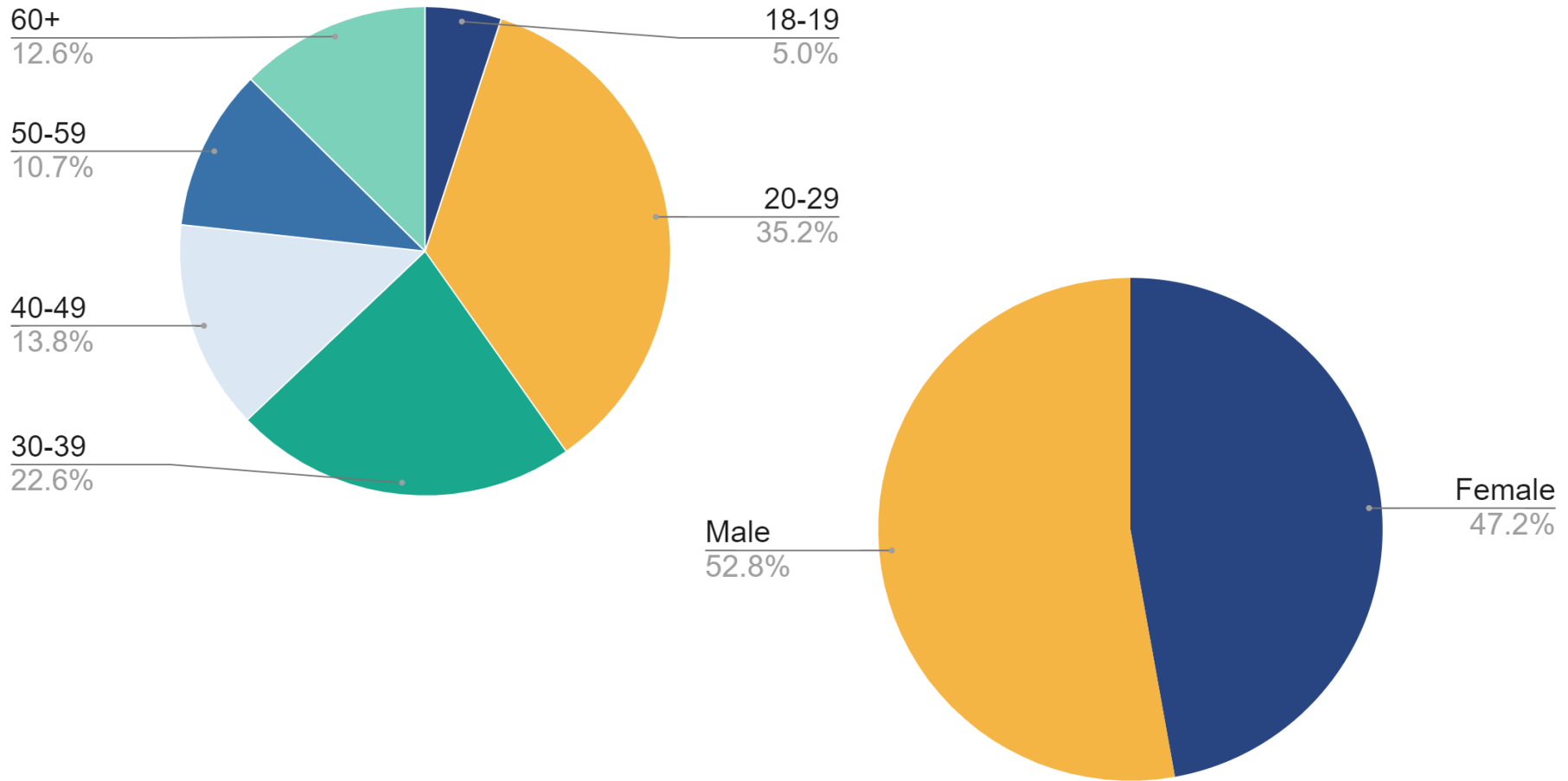
Active Test Sites

March – Nov. 2022

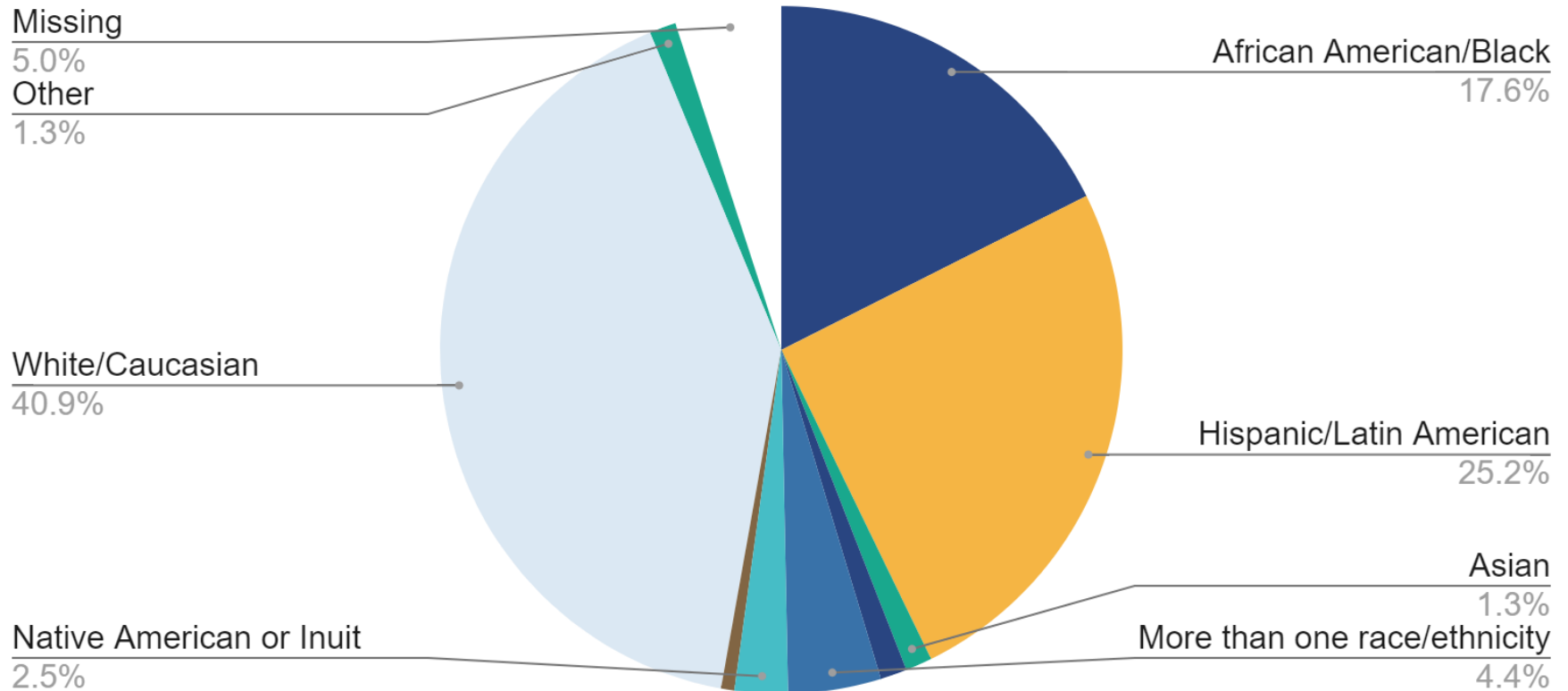


Agency	# of Tests
Arizona Family Health	1
Buddies of New Jersey	12
Community Care Resource	4
Erie County	2
Iowa	45
Los Angeles	65
Navajo County Public Health	47
NCSD	1
Oklahoma	10
Philadelphia	4
Umatilla County	5

Participant Demographics by Age & Gender



Participant Demographics by Race/Ethnicity



PrEP

- PrEP kits
 - Supporting programs implementing PrEP outside of a traditional clinical setting
 - Self-collect testing, at home



Contact Information

Jessica Zamora, MPH

Senior Manager, Home Testing

jzamora@ncsddc.org



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