



June 2021 UTASP/NCSD Call

Using Technology to Advance STD Prevention Workgroup (UTASP)/ National Coalition of STD Directors (NCSD)

https://www.cdc.gov/std/program/ips/introduction.htm

Agenda

- Brief Opening Remarks/House Keeping
- Topic
 - Innovations in STD, HIV, Hepatitis and TB Prevention and Control in a Time of COVID
 - Presented by Thomas Bertrand, MPH, MA, Chief, Center for HIV, Hepatitis, STD, and TB Epidemiology, Rhode Island Department of Health
 - COVID-19 Pandemic Response- Saint Louis County DPH, Missouri-Innovations, opportunities to improve response to sti's, TB, Communicable Diseases
 - Presented by James H Hinrichs, MD, MPH Infectious Disease Advisor
 - Web-based Partner Services Interviews
 - Presented by Lacy Mulleavey, Partner Services Supervisor, Colorado Department of Public Health & Environment
- Group Discussion/Q&A/"Open Mic"

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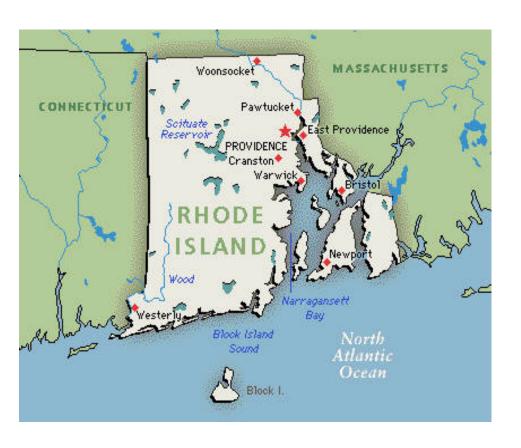
Innovations in STD, HIV, Hepatitis and TB Prevention and Control in a Time of COVID

CDC UTASP Call June 9, 2021

Thomas Bertrand, MPH, MA
Chief, Center for HIV, Hepatitis, STD, and TB Epidemiology
Rhode Island Department of Health

Rhode Island





Land Size: 37 x 47 Miles

Nickname: Ocean State (400 miles of

coastline)

Notable U.S. "Firsts": State Health Laboratory, Circus, 4th of July Parade, Synagogue, Schoolhouse, Birthplace of the American Industrial Revolution

Population: 1.05 Million (#42 nationally)

R/E Diversity: 81% White, 12% Hispanic,

6% Black/African American

Rhode Island Department of Health





 Director Nicole Alexander-Scott, MD, MPH



- Centralized Public Health System
 - Local and State Responsibilities





 Strong internal collaboration with Family Planning Program and Overdose Prevention Program



2020 Challenges During COVID



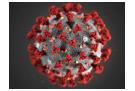


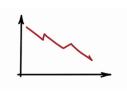






- Unspent Dollars
- Public Health Focus/Resources on COVID
- Ongoing Syndemics (Overdose deaths)





Rates of HIV/STDs Modest Decline





- CDC PS-21-2103 Hepatitis Grant
- Social Distancing Requirements

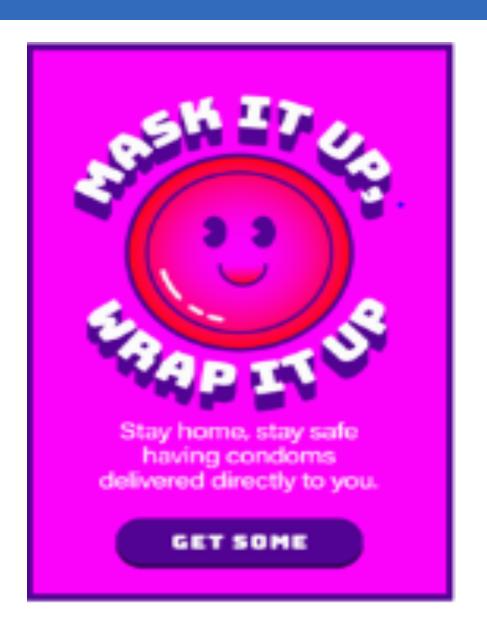
Staffing Timeline



Position (% to Surv)	Mar '20	Apr '20	May '20	Jun '20	Jul '20	Aug '20	Sep '20	Oct '20	Nov '20	Dec '20	Jan '21	Feb '21	Mar '21	Apr '21
Center Chief (50%)														
HIV Surv Coord (75%)														
HIV Lab Surv Epi (100%)														
HIV Mol Surv Epi (100%)														
Supervising DIS (75%)				300000000										
DIS II (25%)														
PCRS Staff (100%)														
Data Entry (25%)														
Nurse (25%)														

Condoms by Mail



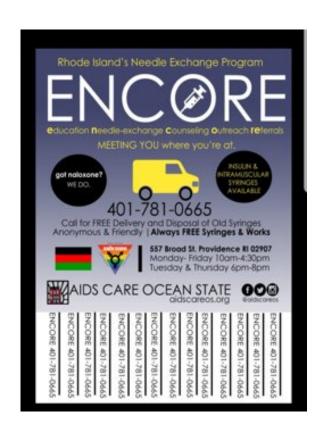




- Online ordering system
- 60 requests per month
- 1,573 to date
- 15 condoms/request
- Thanks to Delaware

Home Delivered Drug User Health



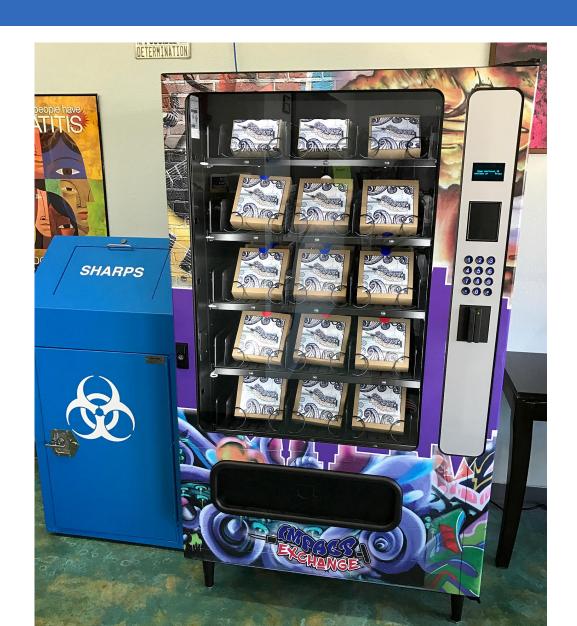




- Statewide, naloxone, rapid HIV/HCV kits, condoms, clean needles, needle disposal
- 160k needles distributed
- 807 unique clients
- 186 home deliveries

Drug User Health Vending Machines





- Thanks to Las Vegas
- Vending machine + needle disposal machine
- Supplies: naloxone, needles, fentanyl test strips, condoms, early pregnancy tests, Nicorette gum
- WIFI utilization monitoring
- Six sites: Motel 6, men's homeless center, SSP site, CHC, pharmacy, men's and women's prison

TRAIN Rhode Island



HOME COURSE CATALOG YOUR LEARNING CALENDAR RESOURCES DISCUSSIONS

Q

ADMIN HELP

RIDOH HIV/HCV Rapid Testing Training





Completed

ID 4733

This course is provided by the Rhode Island Department of Health. The course is designed for individuals who will be in a position to provide HIV and Hepatitis C rapid testing, counseling and referrals. After completing all the requirements of the program, you will receive a certificate from the Rhode Island Department of Health.

Course Requirements:

- Complete the set of 10 online, self-taught training modules, and pass the quizzes embedded within the respective modules (not every module has a quiz) you must score at least a 75% on each quiz to receive certification
- Complete the online final exam you must score at least a 75% to receive certification
- · Observe 5 tests
- Complete 5 tests under observation
- Final practical exam you must score at least a 75% to receive certification
- E-mail the signed checklist with the observation log, and practicum score sheet to Bill Lyman William.Lyman@health.ri.gov
- *You can find additional resources including the checklist under resources once you have launched Module 1
- Show Less

At-home Rapid HIV Testing



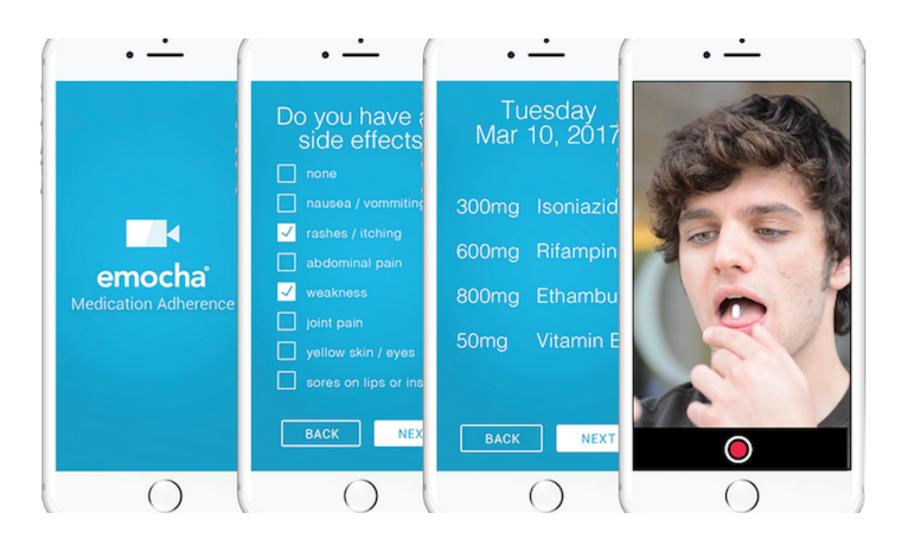


- 277 test clients
- 2 positives
- 94% clients report results
- 66% MSM, 44% in 20's



EMOCHA Health for TB DOT





RIght Time App

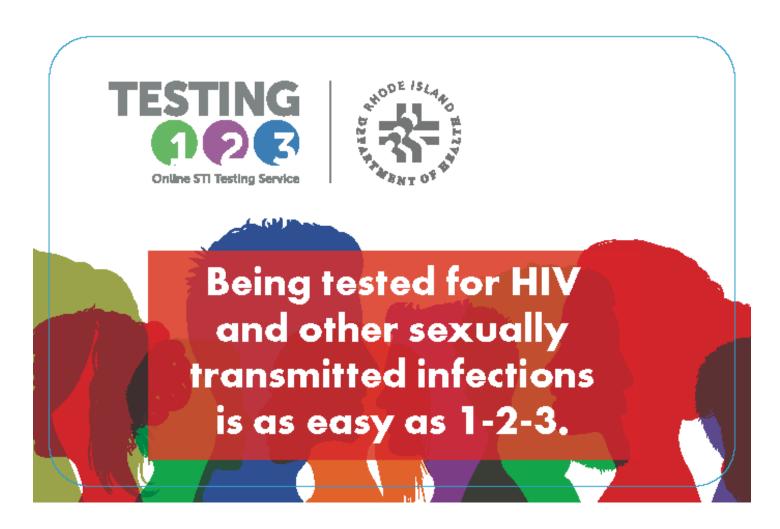


- 645 Downloads
- 5,600 Sessions
- Uptick in partner notification feature



TESTING 1-2-3





TESTING 1-2-3



Getting a Test is as Easy as 1-2-3

Getting tested regularly for HIV and other Sexually Transmitted Infections is important for sexually active people and their partners.

TESTING 1-2-3 puts you in control of your health.







testing 123 ri. com

A service provided by the Rhode Island Department of Health

Future Considerations





 Novel and innovative public health interventions are being developed at the state/local level



 Peer-to-peer learning needs to be prioritized regionally and nationally







- Adaptations to programs have resulted in a wider reach to high priority populations and enhanced use of technology
- Need to apply what we have learned to the federal DIS Workforce Development initiative

CHHSTE Senior Management Team





Tom Bertrand, MPH, MA Chief



Philip A. Chan, MD, MS
Medical Director



Teddy Marak, MPH Surveillance Manager



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Thomas Bertrand, MPH, MA Chief, Center for HIV, Hepatitis, STD, and TB Epidemiology Rhode Island Department of Health

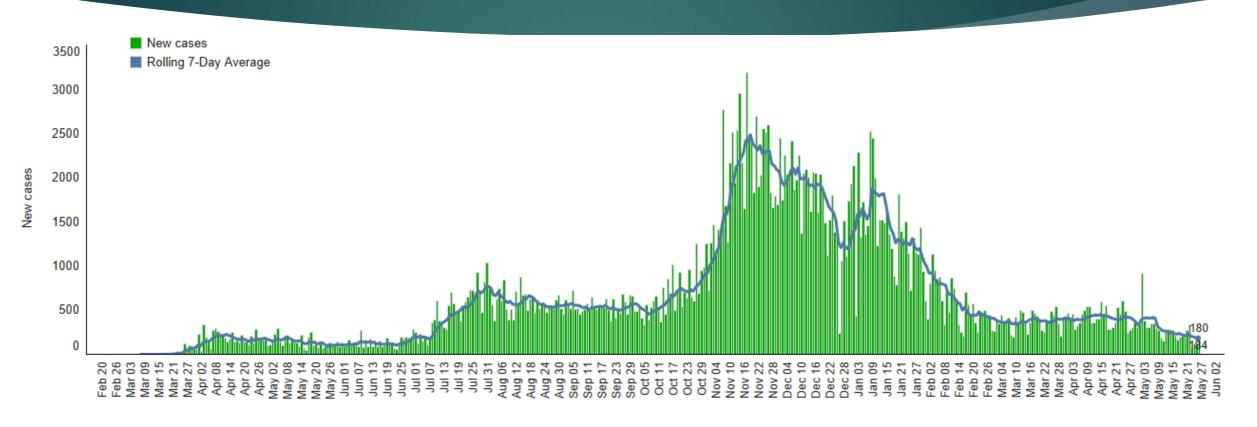
Thomas.Bertrand@health.ri.gov

COVID-19 Pandemic Response- Saint Louis County DPH, Missouri

INNOVATIONS, OPPORTUNITIES TO IMPROVE RESPONSE TO STI'S, TB, COMMUNICABLE DISEASES

JAMES H HINRICHS, MD, MPH INFECTIOUS DISEASE ADVISOR

COVID-19 Cases in the St. Louis MSA: Epi Curve



Initial rapid ramp up of CI/CT program

- ▶ March 8, 2020, first reported case in St. Louis Region
- Rapid rise in cases in LTCFs, scramble for PPE, protocols, testing
- ▶ DPH staff all reassigned to COVID response, with call out for volunteers, part time employment on temp bases for CI/CT workers
- Rapid ramp up of training, resources such as the Johns Hopkins course, with work at home main option. Laptops provided, cell phones, communication protocols necessary. "BaseCamp" platform.
- Initial paper files (purple files) then adoption of RedCap as a database and CI/CT tool

Innovations in response to surges

- ▶ Innovations in response to surge in Nov 20-Jan21:
 - Community education on Isolation/Quarantine recommendations through website stlcorona.com
 - Active participation of local school nurses, educators, university leaders in expanding more local CI/CT
 - Use of mass texting to positive cases (RAVE system) to alert them to their testing but also to point them to the website for help in notifying their family members and close contacts and have them quarantined and tested.
 - ▶ Pilot project to text cases just prior to phone calls, in order to improve probability of a successful Case Investigation (20% increase in uptake). Roll out of this project to alert up to 150 cases per day of expected call.

Application to other Communicable Diseases/STI

- Education resources to have cases have a more active participation in their treatment and follow-up
- Consider use of smart phone technology, texting as an adjunct to improve communication and alert contacts to need for further communication. Facilitate Partner services in this regard.
- ▶ Potentially utilize trained COVID Case Investigators with interest in STI/HIV to continue involvement in Public Health.
- Use vaccination innovations and success in COVID vaccine outreach to strengthen other vaccination efforts such as HPV, Hepatitis.

Thank you!

► Jhinrichs@stlouiscountymo.gov

Web-Based Partner Services Interviews

Lacy Mulleavey, Partner Services Supervisor Colorado Department of Public Health & Environment



OVERVIEW



Goals

Platform

Process

Survey Overview



Goals

- To increase the percentage of clients interviewed
- To improve the time frame for an interview from the date of diagnosis
- To increase the number of contacts per case interviewed
- To improve completeness of core data variables
- To increase the number of referrals to HIV medical care, State Drug Assistance Program (SDAP), STI/HIV testing/treatment and Pre-Exposure Prophylaxis (PrEP)



The Platform

Research Electronic Data Capture (REDCap) is a secure web application for building and managing online surveys and databases.



This website application is currently used by the Department for several purposes; to track and monitor HIV/HCV testing in the community, PrEP navigation and linkage, Home-based HIV testing and data collection for Strengthening the US Response to Resistant Gonorrhea (SURRG) project.



Step 1: DIS exhausts all attempts to conduct an interview in person or by phone. If the client refuses, DIS will offer the client a web-based interview as the last attempt for engagement.

Sample Script: "If you would prefer not to discuss this matter with me, I can send you a link to a survey where you can answer all of my questions on your own time. Would you be willing to complete a secure online survey? The survey can be done on your computer or phone and is completely confidential."



Step 2: Client accepts a web-based interview from the DIS either verbally or by text.

Sample Script: "Excellent. Would you like to receive the survey link by email or text? You will receive a link to the survey within the next 5-10 minutes. We really appreciate you completing the survey as soon as possible. Please feel free to reach out if you have any questions."



Step 3: DIS logs into REDCap and creates a new record in the "Web-Based Interviews" project. DIS will enter PRISM ID, client's name, DIS worker assigned to the case and inputs a phone number or email for the survey to be delivered.





Step 4: Client receives a link by email or text to access the survey via a REDCap link.

Sample Email/Text: Jane, You were recently contacted by Jane Brown with the Colorado Department of Public Health about your recent diagnosis and indicated that you would like to complete the interview online. You may open the survey in your web browser by clicking the link below: Participant Survey. If the link above does not work, try copying the link below into your web browser. This link is unique to you and should not be shared with others. Your responses will be confidential, and the information you provide will be used to help prevent others from becoming ill. If you have questions please contact copublichealth@state.co.us or call 303-692-0000 and ask for Jane Brown.



Notification

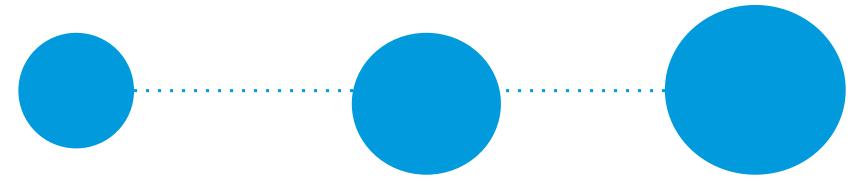
DIS assigned to the case will receive notification that a survey has been initiated by the client.

Data Transfer

DIS manually enter interview results into PRISM. Interview type in PRISM will be selected as "Web-Based Interview".

Referrals

DIS follow up with requested referrals (linkage to care/PrEP) and link/initiate any partners named by the client within 48 hours of interview receipt.









THANKS!

More questions?

Lacy Mulleavey
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Group Discussion/Q&A /"Open Mic"

Thank you!

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