

TB NOTES



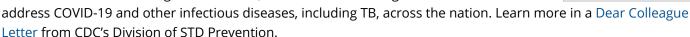
TB Notes 2, 2021

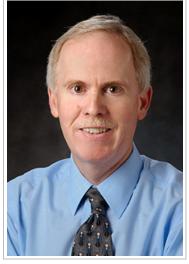
Notes from the Director

Dear Colleague,

This spring has been a busy season for the Division of Tuberculosis Elimination (DTBE) staff. Many DTBE staff members and our TB colleagues across the country continue to address public health needs in the response to the COVID-19 pandemic. As of June 21, 2021, a total of 114 DTBE staff members (72% of DTBE staff) have participated in a cumulative of 284 deployments supporting CDC's COVID-19 response efforts. A total of 66 DTBE staff members have participated in multiple deployments. Thank you to everyone who has responded to the COVID-19 pandemic.

On May 13, 2021, the White House announced 2 a \$1.13 billion investment to strengthen the disease intervention specialists (DIS) workforce. This funding is from the American Rescue Plan Act of 2021 and will be used over a five-year period to support DIS and DIS-related training and retention, and related technological advances to address COVID-19 and other infectious diseases, including TB, across the nation. Learn related training and related technological advances to





While public health professionals across the United States continue to provide support to the COVID-19 Emergency Response, critical work to eliminate TB disease in the United States also continues. On May 6, 2021, The New England Journal of Medicine published "Four-Month Rifapentine Regimens with or without Moxifloxacin for Tuberculosis '," which highlights findings from Study 31/A5349, a collaboration of CDC's Tuberculosis Trials Consortium (TBTC) and the National Institute of Health's Adult AIDS Clinical Trials Group (ACTG). Study 31/A5349 is the first clinical trial to identify a shorter 4-month daily treatment regimen for drug-susceptible tuberculosis (TB) disease that is as effective as (non-inferior

to) the existing 6-month daily regimen in curing TB disease. This is the first new treatment regimen for drug-susceptible TB disease in almost 40 years. I am grateful to the researchers, clinical staff, and most of all, study participants, for their important contributions to this study.

DTBE also announced the Tuberculosis Trials Consortium (TBTC) for the 2021-2030 cycle. CDC awarded contracts for the next ten-year research cycle, initiating the 28th year of the TBTC collaborative effort. The new and continuing members of TBTC combine outstanding scientific expertise and superb TB trials capacity. This exciting collaboration will continue to contribute to development of stronger approaches to the prevention and treatment of TB over the next decade. More information about the new contract, including the awardees, is provided in a recent Dear Colleague Letter. The awardees were able to meet during TBTC's 47th semi-annual meeting held as a virtual meeting June 7-8, 2021.

Recently, DTBE's Reference Laboratory Team Lead Beverly Metchock, Dr.P.H., D (ABMM), was named the 2021 Association of Public Health Laboratories (APHL) "On the Front Line" award winner . The award honors an individual or laboratory staff outside of the APHL membership that makes significant contributions to the advancement of public health laboratory science and/or practice. I would like to congratulate Dr. Metchock on this well-deserved recognition.

Finally, the 2018 Contact Investigation Report was published in April. The report summarizes national contact investigation efforts related to TB cases diagnosed in 2018, along with summary data from 2014-2017. The data are derived from the Aggregates Reports for Program Evaluation (ARPE) and Report of Verified Case of TB surveillance system. DTBE encourages each program to review its contact investigation results and compare them to the 2025 national performance targets and the national averages available through the National Tuberculosis Indicators Project. Programs are encouraged to identify barriers to their contact investigation processes and to design and implement strategies to overcome these barriers and improve contact investigation performance.

As we enter the second half of the year, I continue to be inspired by your dedication to the very important work you do every day in our efforts to eliminate TB. I hope all of you have a safe, enjoyable, and productive summer.

Philip LoBue, MD, FACP, FCCP Director

Division of Tuberculosis Elimination National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

Clinical Research Branch

New England Journal of Medicine: TB Trial Identifies Shorter Four-Month Treatment Regimen

CDC's Tuberculosis Trials Consortium (TBTC), together with collaborators from the National Institutes of Health's (NIH) AIDS Clinical Trial Group (ACTG), published "Four-Month Rifapentine Regimens with or without Moxifloxacin for Tuberculosis" in the New England Journal of Medicine. The article is accompanied by a supplement . editorial . , video . and Research Summary .

The article details findings from Study 31/A5349 – an international, randomized, controlled, open label, phase 3 non-inferiority clinical trial. The trial demonstrated that a shorter four-month daily treatment regimen with high-dose ("optimized") rifapentine and moxifloxacin is as effective as (non-inferior to) the standard daily six-month regimen in

curing drug-susceptible TB disease. This important study was also presented during the virtual 51st Union World Conference on Lung Health.

Study 31/A5349 examined the efficacy and safety of two four-month regimens with high-dose rifapentine with or without moxifloxacin for the treatment of drug-susceptible TB disease.

- The successful four-month regimen 2PHZM/2PHM included eight weeks of daily treatment with rifapentine (P), isoniazid (H), pyrazinamide (Z), and moxifloxacin (M) and nine weeks of daily treatment with rifapentine (P), isoniazid (H), and moxifloxacin (M). At the conclusion of the trial, the four-month regimen met non-inferiority criteria for efficacy in all analyses and was safe and well-tolerated.
- A second four-month regimen 2PHZE/2PH included eight weeks of daily treatment with rifapentine (P), isoniazid (H), pyrazinamide (Z), and ethambutol (E) and nine weeks of daily treatment with rifapentine (P) and isoniazid (H). This new regimen did not meet non-inferiority criteria when compared to the existing standard regimen.
- The existing six-month regimen –2RHZE/4RH includes eight weeks of daily treatment with rifampin (R), isoniazid (H), pyrazinamide (Z), and ethambutol (E) and approximately 18 weeks of daily treatment with rifampin (R) and isoniazid (H).

This is the first successful short treatment regimen for drug-susceptible TB disease identified in almost 40 years. The availability of shorter regimens enables patients to be cured faster, and has the potential to reduce treatment costs, improve patient quality of life, and increase completion of therapy.

CDC will use the results of this study to help inform future TB disease treatment guidelines.

Submitted by Philip LoBue, MD, FACP, FCCP, Division Director

Tuberculosis Trials Consortium Awards for the 2021-2030 Cycle

DTBE conducts vital, unparalleled clinical trials and epidemiologic research through the Tuberculosis Trials Consortium (TBTC), which advances the TB elimination strategy in the United States and globally. Earlier this fiscal year, CDC awarded contracts for the next ten-year research cycle, 2021 – 2030, initiating the 28th year of this collaborative effort.

Since it began in 1993, TBTC has been responsible for several major clinical trials that have significantly impacted TB treatment. The new and continuing members of TBTC combine outstanding scientific expertise and superb TB trials capacity. Learn more about the TBTC awards for the 2021-2030 cycle in a recent Dear Colleague Letter.

Submitted by Philip LoBue, MD, FACP, FCCP, Division Director

Tuberculosis Trial Consortium 47th Semi-Annual Meeting

The 47th semi-annual Tuberculosis Trials Consortium (TBTC) meeting was held June 7-8, 2021 as a virtual meeting. The meeting was held on the Zoom platform and was a great success with approximately 160 participants worldwide. The agenda included a Director's update on DTBE from Dr. LoBue; updates on studies 31, 35, 37, and CRUSH; special topics discussions; and priority setting for TBTC 2020-2029. This meeting also served as an introductory meeting for the new TBTC Consortium members. CRB is grateful to all who presented in this virtual forum and pleased to be able

to successfully uphold the semiannual meeting in the COVID-19 environment.

Submitted by Carla Jeffries, JD, MPH, Deputy Branch Chief



Communications, Education, and Behavioral Studies Branch

New "Introduction to Tuberculosis Slide Set" Now Available for Download

DTBE released a new slide set titled "Introduction to Tuberculosis (TB)." This slide set is meant to be a tool for people who are not familiar with TB. It provides a basic overview of TB using plain language and visual aids. Unlike the other DTBE slide sets which are often directed at those working in TB, this slide set is designed for a public audience.



The product is currently available online and can be downloaded from the CDC DTBE website.

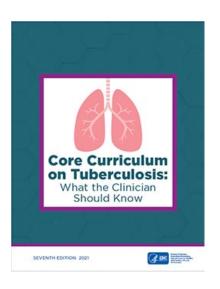
We encourage you to use these slides to help educate your community and others about TB.

Submitted by Beth Bouwkamp, MPH, BA, ORISE Fellow

"Core Curriculum on TB" - Print Copies Now Available for Order

DTBE is pleased to announce that print copies of the updated *Core Curriculum on Tuberculosis: What the Clinician Should Know* are now available for order from CDC-INFO On Demand – Publications.

For information on how to order print copies of the guide, please see the publication ordering instructions. Requests for orders greater than 100 copies will need approval prior to shipping. The product is also available online and can be downloaded from the CDC DTBF website.



Continuing Education (CE) credits are available free of charge for completion of this educational activity. More information on continuing education can be found on the Core Curriculum CE webpage.

This document is intended for use as a reference manual for clinicians caring for persons with or at high risk for TB disease or infection.

Submitted by Beth Bouwkamp, MPH, BA, ORISE Fellow

DocStyles and *Estilos* Surveys: Using Audience Research to Understand Physician Practices for Latent Tuberculosis (TB) Infection Testing and Treatment and Knowledge and Perceptions of TB Disease Among Hispanic Adults in the United States

When planning interventions and communications campaigns, it is essential to understand your target audience. Audience research allows you to understand and get to know your intended target audience. CDC's Office of the Associate Director for Communication provides technical assistance and support to CDC programs for their audience research needs, including access to multiple market research databases. One of these market research databases is the Porter Novelli Styles survey data sets. For the last 15 years, CDC has licensed data from Porter Novelli that provide insight into various population segments, including adults, youth, and health professionals. DTBE added questions about TB disease to the DocStyles and *Estilos* surveys conducted in fall 2020.

DocStyles is a web-based survey that is currently fielded twice a year in the spring and fall. Quotas are set to reach 1,000 primary care physicians (family practitioners and internists) and 250 of each specialty audience. The survey contains 135 questions, some with multiple subparts, which were designed to provide insight into health care providers' attitudes and counseling behaviors in regard to a variety of health issues and to assess their use of available health information sources. Two questions related to TB disease were added for the first time in fall 2020. The first TB question was "Do you routinely test non-U.S. born patients for tuberculosis (TB)?" The second TB question was "Which treatment regimens for latent TB infection do you prescribe?" In addition to survey answers, data is collected on the state the practitioner works in, number of years practicing medicine, and medical practice specialty.

Estilos is the Spanish name for Styles and is a survey that reaches about 1000 Hispanic adults. Information regarding language preference, years spent in-country, and cultural identification are captured to ensure adequate representation from Hispanics of various acculturation levels. Two TB- related questions were also added to this survey. The first question was "Have you ever been tested or vaccinated for tuberculosis (TB)?" The second question was "What are your chances of getting tuberculosis (TB)?"

The results of the DocStyles and *Estilos* surveys provide insight into TB topics related to doctors and Spanish speaking communities. DocStyles results tables below show responses based on medical specialty.

Physician DocStyles Question 1: Do you routinely test non-U.S. born patients for tuberculosis (TB)?

	Yes- Skin Test	Yes- Blood Test	Yes- Skin and Blood	Do not do regular testing	Refer to Health Department	Prefer not to answer
Total	26%	17%	14%	36%	6%	1%

PCP (n=1000)	24%	18%	14%	38%	5%	1%
Pediatricians (n=252)	35%	16%	19%	24%	5%	0%
Ob/Gyn (n=0)	0%	0%	0%	0%	0%	0%
NP/NA (n=251)	26%	15%	9%	38%	11%	2%

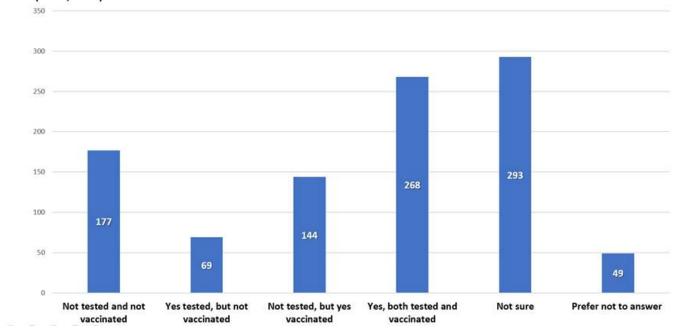
Physician DocStyles Question 2: Which treatment regimens for latent tuberculosis infection (LTBI) do you prescribe?

	3mos INH + Rifapentine	4mos Rifampin	3mos INH + Rifampin	6mos INH	9mos INH	Refer to Health Dept	None of these
Total (n=1503)	10%	9%	21%	17%	27%	37%	4%
PCP (n=1000)	11%	11%	24%	21%	29%	31%	4%
Pediatricians (n=252)	9%	6%	16%	12%	37%	36%	3%
Ob/Gyn (n=0)	0%	0%	0%	0%	0%	0%	0%
NP/ NA (n=251)	7%	5%	17%	8%	9%	63%	7%

Estilos results tables below show responses based on overall responses.

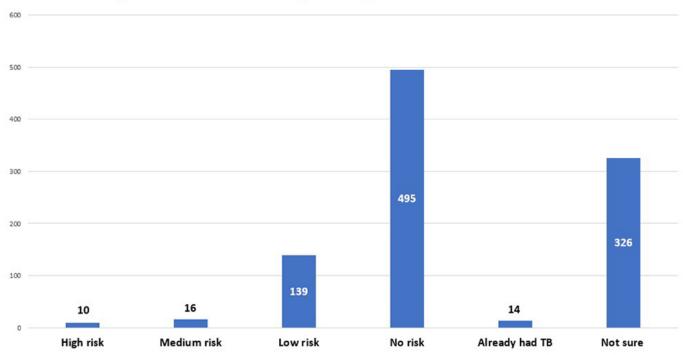
Hispanic Adults Estilos Question 1: Have you ever been tested or vaccinated for tuberculosis (TB)?

Have you ever been tested or vaccinated for tuberculosis (TB)? (n=1,000)



Hispanic Adults Estilos Question 2: What are your chances of getting tuberculosis (TB)?

What are your chances of getting TB? (n=1,000)



DTBE plans to repeat the same questions on the DocStyles and *Estilos* surveys next year to compare the results. The results of the DocStyles and *Estilos* surveys will be applied to the division's TB communication, education, and behavioral science work. DTBE will use the data to segment audiences based on key characteristics, to develop appropriate creative messaging, and evaluate message reach and recall among the intended audience. Specifically, DocStyles results will be used to guide development of continuing education resources and other engagement activities aimed at health care providers to improve use of IGRAs for testing and the use of short course regimens for the treatment of latent TB infection. Testing for TB infection should be a routine and integral part of health care for patients with increased risk for TB. Health care providers are encouraged to use newer TB blood tests to screen for TB infection. CDC and the National Tuberculosis Controllers Association (NTCA) preferentially recommend short-course, rifamycin-based, 3- or 4-month latent TB infection treatment regimens over 6- or 9-month isoniazid monotherapy (6H or 9H, respectively). *Estilos* results will be used to guide the development of communication messages and patient education materials for Hispanic adults.

Submitted by Beth Bouwkamp, MPH, BA, ORISE Fellow

Updated: TB Laboratory Infographics

CDC recently published three updated infographics to inform and educate partners on the work of the DTBE Laboratory. The infographics include Under the Microscope: A Closer Look at CDC's Tuberculosis Laboratory, CDC's Molecular Detection of Drug Resistance Service: Rapid Test Results for Real-Time Patient Care, and Whole Genome Sequencing (WGS) – New Lab Technology Helps Fight an Old Disease. The infographics are available for download on the CDC website.

Submitted by Leeanna Allen, MPH, Communications Team Lea



Surveillance, Epidemiology, & Outbreak Investigations Branch

Surveillance, Epidemiology, and Outbreak Investigations Branch (SEOIB) Welcomes New Deputy Branch Chief

In January 2021, SEOIB welcomed Justin Davis as its new deputy branch chief. Justin was appointed acting deputy in August 2020. A CDC employee for more than 7 years, Justin brings a well-rounded set of skills applicable to both the administrative and programmatic functions of the Deputy Branch Chief role. Previously, as a policy analyst in DTBE's Office of the Director, he co-developed and launched the CDC-managed TB drug stockpile, formulated annual domestic TB congressional budget justifications, led the development of a cooperative agreement focused on expanding latent TB testing and treatment, and handled responses to domestic TB-related program inquiries from internal and external stakeholders. He also served on the leadership committee responsible for



writing the 2020-2025 TB cooperative agreement. Although most of his time at CDC has been with DTBE, Justin also worked for CDC's Division of Unintentional Injury Prevention, where he played an important role in the expansion of CDC's opioid overdose prevention efforts, including serving as lead project officer for the Enhanced State Opioid Overdose Surveillance program. He holds an MPH degree from Georgia State University and a Bachelor of Business Administration degree from Emory University.

Submitted by Adam Langer, DVM, MPH, DACVPM, Branch Chief

Laboratory Branch and Surveillance, Epidemiology, and Outbreak Investigations Branch Debut Wholegenome Multi-locus Sequence Typing for TB Cluster Evaluation

DTBE's Laboratory Branch and Surveillance, Epidemiology, and Outbreak Investigations Branch will soon introduce a new genotyping technique that will assist TB programs with cluster investigations.

Whole-genome sequencing data has been routinely used since 2016 for whole-genome single nucleotide polymorphisms (SNP) comparisons to identify differences between isolates in a GENType cluster. The variations are mapped onto phylogenetic trees and can improve TB programs' ability to identify cases that may be involved in recent transmission and rule out isolates unlikely to represent recent transmission. Combined with available epidemiologic and clinical data, TB programs may then focus their resources on cluster investigations that have the greatest potential to benefit individual patients and the larger community.

Whole-genome multi-locus sequence typing (wgMLST) also uses whole-genome sequencing of the *Mycobacterium tuberculosis* genome and determines the sequence of 2,700 individual genetic loci, producing a wgMLST pattern which is then given a wgMLSType name. Currently, TB control programs rely upon conventional genotyping methods (spoligotyping and 24-locus MIRU-VNTR (mycobacterial interspersed repetitive units – variable number of tandem repeats) combined to assign a GENType) to cluster related isolates. While the conventional methods compare ~1% of the *M. tuberculosis* genome, the wgMLST method compares 70% of the genome. The wgMLST approach of identifying clustered isolates will provide TB control programs with more precisely defined clusters and provide greater efficiency in the genotyping lab by eliminating the need for spoligotyping and MIRU-VNTR.

Beginning in June 2021, CDC's TB Genotyping Information Management System (TB GIMS), a secure web-based system available to TB programs for dissemination and understanding of genotyping results and reports, will include wgMLSType for all isolates that were sequenced since the beginning of 2018 at the National Tuberculosis Molecular Surveillance Center located at the Michigan Department of Health.

For the next year, wgMLSType and GENType will be available to TB programs and uploaded into TB GIMS simultaneously. Cluster alerts will continue to be based on GENType for the next year to give TB programs time to acclimate and understand the changes. DTBE will make additional trainings available about TB GIMS and cluster alerts based on wgMLSType as the transition continues.

Please contact DTBESupport@cdc.gov with any questions or feedback.

Submitted by Steve Kammerer, MBA, BS, Statistician and Lauren Cowan, PhD, Senior Service Fellow

Jail Administrators Learn About the Importance of Collaboration with Public Health Officials to Prevent TB in Correctional Facilities

"Treatment of latent TB infection and the establishment of regular communications with local public health officials are key to the prevention of TB disease among people living in correctional facilities," Lauren Lambert, MPH, BA told around 150 jail administrators at the American Jail Association's 40th Annual Virtual Conference and Jail Expo, held virtually April 10–14, 2021.

TB disease disproportionately affects people who are incarcerated in the United States. They are 4–17 times more likely to have TB disease than the general population. The prevalence of latent TB infection can be as high as 25% among populations in correctional facilities. To highlight the importance of preventing TB disease in correctional facilities, Lauren was invited to present at the annual conference to share an overview of TB. Topics of the presentation included the risk of outbreaks associated with TB transmission in correctional and detention facilities, the importance of testing for latent TB infection in this population, and the availability of shorter treatment regimens for latent TB infection that increase the likelihood of treatment completion. Lauren also stressed the importance of planning as early as possible for persons being released from jail or prison, since, after release from correctional facilities, people who were formerly incarcerated face financial, housing, and employment needs that often take priority over health concerns. Finally, she encouraged the administrators to consider designating a TB liaison to communicate regularly with local public health officials and collaborate on TB control efforts for this population disproportionately affected by TB.

Submitted by Lauren Lambert, MPH, BA, Epidemiologist

Data Management, Statistics, and Evaluation Branch

2018 Contact Investigation Report

The 2018 Contact Investigation Report was recently distributed to TB stakeholders. The report summarizes national contact investigation efforts related to TB cases diagnosed in 2018, along with summary data from 2014-2017. The data is derived from the Aggregates Reports for Program Evaluation (ARPE) and Report of Verified Case of TB surveillance system. ARPE data provides the only national level data regarding TB prevention and control activities, such as contact investigation and treatment of latent TB infection.

National aggregate data from the 2018 ARPE report highlights contact investigation efforts in need of improvement. For example, the 2025 National TB Performance Target was not met for contact elicitation, contact examination, latent TB infection treatment initiation, or latent TB infection treatment completion. Examining the data further shows that two factors (contacts choosing to stop treatment and contacts lost to follow-up) accounted for most latent TB infection treatment completion failures each year 2014-2018.

Each TB program can evaluate their program's contact investigation activities to (1) identify challenges to their contact investigation process, (2) design and implement strategies to overcome these challenges, (3) evaluate their progress and improve their contact investigation performance based on the National TB Program Objectives and Performance Targets.

Submitted by Tempest Hill, DrPH, MPH, Health Scientist

Laboratory Branch -

Dr. Beverly Metchock Named 2021 Association of Public Health Laboratories "On the Front Line" Award Winner

Congratulations to Dr. Beverly Metchock DrPH, D (ABMM), who was named the 2021 Association of Public Health Laboratories "On the Front Line" award winner ☑! Dr. Metchock joined CDC in 1997 and has served as the Reference Laboratory Team Lead in DTBE's Laboratory Branch since 2004. She received this nomination from state public health laboratory colleagues for her long-standing dedication to the TB community. Dr. Metchock is recognized for advancing the state of



TB laboratory testing in the United States and globally as well as supporting U.S. public health laboratories through her consultative leadership.

Submitted by Angela M. Starks, PhD, Branch Chief

Highlights from Partners

TB Elimination Alliance

The TB Elimination Alliance (TEA) is a CDC-funded initiative to work more closely with state and local TB control programs as well as community-based organizations and community health centers. TEA's mission is dedicated to eliminating TB and latent TB infection (LTBI) inequities among Asian, Asian American, Native Hawaiian, and Pacific Islander (A/AA & NH/PI) populations through education, raising awareness, and innovation. TEA's goals are to conduct outreach to underserved A/AA & NH/PI communities with the highest TB burden, increase awareness and understanding of culturally and linguistically appropriate LTBI/TB testing and treatment strategies, share resources and best practices among providers, and develop partnerships to scale existing initiatives. TEA will be celebrating its one year anniversary in July 2021!

TEA recently expanded its membership to 15 organizations spanning across the continental United States, Hawai'i, and the U.S. Affiliated Pacific Islands. The newest member is from the Ministry of Health and Human Services, located in the Kwajalein Atoll of the Republic of the Marshall Islands. For more information about TEA's members, visit https://tbeliminationalliance.org/.

TEA is known for developing tailored and culturally responsive training programs to meet providers' needs. Most recently, TEA hosted its first TB Learning Collaborative, an online training for an interdisciplinary cohort of clinical and non-clinical staff from community health centers, public health departments, and community-based organizations. The Learning Collaborative focused on quality improvement strategies to support standardized LTBI testing and treatment data collection efforts. The Learning Collaborative was guided by three TB subject matter experts: Dr. Amy Tang from North East Medical Services (CA), Dr. Fayette Nguyen Truax from Loma Linda University (CA), and Kara Green, MSN, APRN, FNP-BC from HOPE Clinic (TX). All cohort participants developed robust fishbone diagrams to identify root causes of stated problem areas, as well as S.M.A.R.T. goals to pursue meaningful solutions.

TEA is also known to offer a Mini-Grants Program to enhance LTBI and/or TB community engagement, provider education, and quality improvement activities for local organizations addressing TB in A/AA & NHPI communities. TEA will be wrapping up its first cycle of mini-grant awards this fall. Grant recipients have leveraged the funds to develop innovations and partnerships in TB education in hard-to-reach communities, TB screening strategies to identify high risk patients, and TB education and resources for new and current providers.

Visit https://tbeliminationalliance.org/events/category/webinars/list/?eventDisplay=past 2 to learn more about the current mini-grant recipients (see March 9th and 11th webinar recordings). TEA announced a call for proposals for a second cycle of the Mini-Grants Program for the 2021-2022 fiscal year, and recipients will be announced this summer.

To learn more about TEA and inquire about collaboration opportunities, please contact tb-cen@aapcho.org or visit www.tbeliminationalliance.org .

Submitted by the Association of Asian Pacific Community Health Organizations — Evelyn Moua, Program Manager of TB Elimination and Joe Lee, MHSA, Director of Strategic Initiatives and Partnerships

COVID-19 Resources and Information for TB Programs

Undated Resource: COVID-

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19 Case Investigation and Contact Tracing CDC's Role and Approach

Case investigation and contact tracing are key strategies to stop the spread of COVID-19. Public health departments have used contact tracing for decades to slow or stop the spread of infectious diseases, such as TB, HIV, and sexually transmitted diseases (STDs).

CDC updated this 2-pager to provide recent information about COVID-19 vaccination and an updated list of CDC resources.

Learn more about CDC's role and approach to case investigation and contact tracing for COVID-19.

DTBE-authored COVID-19 Publications

Abrams JY, Oster ME, Godfred-Cato SE, Bryant B, Datta SD, Campbell AP, Leung JW, **Tsang CA**, Pierce TJ, Kennedy JL,



Overview

Case investigation and contact tracing are key strategies to stop the spread of COVID-19. Public health departments have used contact tracing for decades to slow or stop the spread of infectious diseases, such as tuberculosis (TB), HIV, and sexually transmitted diseases (STDs).

Case investigation and contact tracing can slow the spread of COVID-19 by

- Letting people diagnosed with COVID-19 (cases) know they should isolate to avoid exposing others and assist with notifying their close contacts so they (close contacts) can get tested and quarantine if needed.
- Letting people who might have been exposed to COVID-19 (close contacts) know that they should monitor their health for signs and symptoms
 of COVID-19, get tested and <u>quarantine</u> if needed.
- Providing resources to people diagnosed with or exposed to COVID-19 about isolation, guarantine, and vaccination.

Case investigators and contact tracers can facilitate access to COVID-19 vaccination.

Prompt case investigation and contact tracing to slow the spread of COVID-19 should remain the primary goal of the case investigation and contact tracing workforce. However, case investigators and contact tracers can also help people get connected to COVID-19 vaccination-services. Case investigators and contact tracers can:

- Emphasize the importance of obtaining a COVID-19 vaccine.
- Explain vaccine eligibility, answer questions, and dispel myths to increase vaccine confidence.
- Provide information on vaccination services or help schedule vaccination appointments. When soliciting information about people who
 might have been exposed to COVID-19 (close contacts), the case investigators and contact tracers can connect people to vaccination
 services and resources. This may serve as an additional incentive for people to provide information on their close contacts.
- Assist with connection to <u>vaccination services</u>. <u>Case investigators</u> and <u>contract tracers</u> should have information related to <u>vaccine</u> eliqibility, safety, and availability.

CDC's Role in Case Investigation and COVID-19 Contact Tracing

State, tribal, local, and territorial (STLT) health departments lead contact tracing activities in their respective jurisdictions. CDC provides guidance, training, resources, and support for STLT health departments to develop and implement effective contact tracing programs. STLT health departments can use and adapt CDC guidance and resources for COVID-19 contact tracing based on local circumstances. CDC field assignees are stationed in health departments across the nation to directly assist programs in designated public health areas, such as infectious disease.

Case investigation and contact tracing is a specialized skill. Successful case investigation and contact tracing for COVID-19 depends on a well-trained workforce. Case investigators and contact tracers need to have strong interpersonal skills, including being a reflective listener, asking open-ended questions, and being culturally sensitive. These skills are important for building and maintaining trust with people diagnosed with or exposed to COVID-19.

Visit CDC's COVID-19 Contact Tracing Training and Resources webpage to learn more about CDC sponsored trainings including the knowledge-based course Making Contact, A Training for COVID-19 Contact Tracing and the skills-based COVID-19 Case Investigation and COVID-19 Contact Tracing Training opportunities.



cdc.gov/coronavirus

CS 317432-A 05/28/2021

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